

1960

Seattle Pacific College Catalog 1960-1961

Seattle Pacific University

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SEATTLE
PACIFIC
COLLEGE



GENERAL
BULLETIN
1960 - 1961

"Youth Facing Life With Christ"

☆ ☆ ☆

Educational Standing

SEATTLE PACIFIC COLLEGE is a member of the Northwest Association of Colleges and the American Association of Colleges for Teacher Education, is accredited by the Washington State Department of Education, by the Board of Regents of New York, and by similar boards of other states. It is also a member of the American Council on Education and of the Association of American Colleges. It meets the requirements of the Commission on Christian Education of the Free Methodist Church for the training of ministers and missionaries and is also approved by the Educational Board of the Methodist Church for the collegiate training of ministers. Seattle Pacific College enjoys a growing prestige throughout the world as an outstanding college with high scholarship standards in an atmosphere which is definitely spiritual.

☆ ☆ ☆

Selective Student Group

The emphasis placed by Seattle Pacific College upon high moral standards is such as to make a real appeal to discriminating young people who are anxious to receive help in building a high type of Christian personality. To give such students maximum opportunity along this line, rather rigid requirements for admission and continuance have been established. Because of this, students planning to come to Seattle Pacific College should make sure they are eligible to enter.

Seattle Pacific College Bulletin

Volume XXXVIII

APRIL, 1960

Number 4

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SEATTLE PACIFIC UNIVERSITY ARCHIVES

Annual Catalog of

SEATTLE PACIFIC COLLEGE

SEVENTIETH YEAR

Operated Under Auspices of the Free Methodist Church

Register of Officers, Teachers and Students

for 1959-1960. Requirements for Admission,

General Regulations, and Courses

of Instruction for

1960-61



SEATTLE PACIFIC COLLEGE

3307 Third Avenue West

Seattle 99, Washington

ATwater 4-7700

COLLEGE CALENDAR

SUMMER QUARTER

First Term

EVENT	TIME	DAY	1960-61	1961-62
Registration of New Students.....	9:00-3:30	Sat.	June 18	June 17
Class Instruction Begins.....	8:00 a.m.	Mon.	June 20	June 19
Last Day to Register or Add Courses.....	5:00 p.m.	Wed.	June 22	June 21
Last Day to Drop Courses.....	5:00 p.m.	Wed.	June 29	June 28
Holiday, Independence Day.....			July 4*	July 4†
First Term Ends.....	3:40 p.m.	Wed.	July 20	July 19

Second Term

Class Instruction Begins.....	8:00 a.m.	Thurs.	July 21	July 20
Last Day to Register or Add Courses.....	5:00 p.m.	Mon.	July 25	July 24
Last Day to Drop Courses.....	5:00 p.m.	Mon.	Aug. 1	July 31
Second Term Ends.....	3:40 p.m.	Fri.	Aug. 19	Aug. 18

AUTUMN QUARTER

Faculty Retreat, Camp Casey.....		Thurs.-Sat.	Sept. 15-17	Sept. 14-16
Faculty Meeting (Hillford House).....	2:00 p.m.	Mon.	Sept. 19	Sept. 18
Women's Retreat for New Students.....		Tues.-Thurs.	Sept. 20-22	Sept. 19-21
Men's Retreat for New Students.....		Thurs.-Sat.	Sept. 22-24	Sept. 21-23
Sophomore, Junior, Senior Registration.....	8:30-3:30	Mon. & Tues.	Sept. 26, 27	Sept. 25, 26
Freshmen Tests & Orientation.....	9:00 a.m.	Mon. & Tues.	Sept. 26, 27	Sept. 25, 26
Registration of Freshmen.....	8:30-3:30	Wed.	Sept. 28	Sept. 27
First Student Vespers.....	8:00 p.m.	Wed.	Sept. 28	Sept. 27
Instruction Begins.....	8:00 a.m.	Thurs.	Sept. 29	Sept. 28
Fall Convocation.....	9:45 a.m.	Thurs.	Sept. 29	Sept. 28
All-School Trek (afternoon & evening).....	1:30 p.m.	Fri.	Sept. 30	Sept. 29
Last Day to Register or Add Courses.....	5:00 p.m.	Wed.	Oct. 5	Oct. 4
Spiritual Emphasis Week (movable).....		Mon.-Fri.	Oct. 24-28	Oct. 23-27
Last Day to Drop Courses Without Re- ceiving "E" When Unsatisfactory.....	5:00 p.m.	Fri.	Oct. 28	Oct. 27
Holiday, Washington State Admission Day.....		Fri.	Nov. 11	
Pre-Registration for Winter Quarter.....			Nov. 14-23	Nov. 13-22
Thanksgiving Recess Begins.....(With last class)		Wed.	Nov. 23	Nov. 22
Thanksgiving Recess Ends.....	8:00 a.m.	Mon.	Nov. 28	Nov. 27
Oratorio Concert.....	8:00 p.m.	Fri.	Dec. 9	Dec. 8
Final Examination Week.....		Mon.-Fri.	Dec. 12-16	Dec. 11-15
Autumn Quarter Ends.....	4:20 p.m.	Fri.	Dec. 16	Dec. 15

WINTER QUARTER

Pre-Registration Period.....			Nov. 14-23	Nov. 13-22
(Late registration fee after given date for students attending Autumn Quarter)				
Registration of New Students.....	9:00-3:30	Tues.	Jan. 3	Jan. 2
Class Instruction Begins.....	8:00 a.m.	Wed.	Jan. 4	Jan. 3
Last Day to Register or Add Courses.....	5:00 p.m.	Tues.	Jan. 10	Jan. 9
Last Day to Drop Courses Without Re- ceiving "E" When Unsatisfactory.....	5:00 p.m.	Fri.	Jan. 27	Jan. 26
Spiritual Emphasis Week (movable).....		Mon.-Fri.	Feb. 6-10	Feb. 5-9
Pre-Registration for Spring Quarter.....			Feb. 6-17	Feb. 5-16
Holiday, Washington's Birthday.....			Feb. 22‡	Feb. 22§
Final Examination Week.....		Mon.-Fri.	Mar. 13-17	Mar. 12-16
Winter Quarter Ends.....	4:20 p.m.	Fri.	Mar. 17	Mar. 16
Spring Vacation.....			Mar. 18-27	Mar. 17-26

SPRING QUARTER

60-61

Pre-Registration Period.....			Feb. 6-17	Feb. 5-16
(Late registration fee after given date for students attending Winter Quarter)				
Registration of New Students.....	9:00-3:30	Sat.	Mar. 25	Mar. 24
Class Instruction Begins.....	8:00 a.m.	Mon.	Mar. 27	Mar. 26
Last Day to Register or Add Courses.....	12:00 noon	Sat.	Apr. 1	Mar. 31
Good Friday (Classes do not meet).....		Fri.	Mar. 31	Apr. 20
Last Day to Drop Courses Without Re- ceiving "E" When Unsatisfactory.....	5:00 p.m.	Fri.	Apr. 28	Apr. 27
Spiritual Emphasis Week (movable).....		Mon.-Fri.	May 1-5	Apr. 30- May 4
Holiday, Memorial Day.....			May 30†	May 30‡
Final Examination Week.....		Mon.-Fri.	June 5-9	June 4-8
Oratorio Concert.....	8:00 p.m.	Thurs.	June 8	June 7
Boat Cruise.....	6:00 p.m.	Fri.	June 9	June 8
Alumni Banquet.....	6:30 p.m.	Sat.	June 10	June 9
Baccalaureate Service.....	3:00 p.m.	Sun.	June 11	June 10
Annual Commencement.....	10:00 a.m.	Mon.	June 12 (70th)	June 11 (71st)

SUMMER QUARTER

Pre-Registration Period.....			May 8-12	May 7-11
Registration of New Students.....	9:00-3:30	Sat.	June 17	June 16
Class Instruction Begins.....	8:00 a.m.	Mon.	June 19	June 18
Holiday, Independence Day.....			July 4†	July 4‡
First Term Ends.....	3:40 p.m.	Wed.	July 19	July 18
Second Term Begins.....	8:00 a.m.	Thurs.	July 20	July 19
Second Term Ends.....	3:40 p.m.	Fri.	Aug. 18	Aug. 17

*—Monday †—Tuesday ‡—Wednesday §—Thursday

FRESHMAN-NEW STUDENT ORIENTATION RETREATS

Required of all new S.P.C. students with freshman classification.

Other new students are invited and urged also to attend.

Purpose: To help you, before the formalities of registration and class instruction begin, to become better acquainted with your college, your teachers and with many other students, in an informal, relaxed atmosphere; and to help you further prepare yourself for the memorable and extremely significant experience of "Education—plus" at S. P. C.

Place: S. P. C.'s CAMP CASEY, located on Whidbey Island, which lies to the north of Seattle in the waters of Puget Sound.

Dates: See calendar.

Instructions: Meet on the campus at 8:00 a.m. of the first day of your Retreat. Bring a sleeping bag or bedroll, warm sports clothing, soap and towels, a notebook, Bible and other devotional reading material. The trip to and from the Camp will be a five-hour boat ride through the Canal, the Locks and Puget Sound on one of Seattle's excursion boats.

New students who will be dormitory residents may occupy their rooms on the evening before their retreat begins. For them, the autumn quarter "full meal ticket" begins at the same time.

ADMINISTRATION

OFFICERS OF ADMINISTRATION

C. DORR DEMARAY, M.A., Litt.D.	President
OTTO M. MILLER, M.S., D.Sc.	Executive Vice-President
PHILIP F. ASHTON, Ph.D.	Dean of Instruction
LAWRENCE R. SCHOENHALS, Ph.D.	Dean of Administration
C. MELVIN FOREMAN, S.T.B., Ph.D.	Dean of Students
MENDAL B. MILLER, M.A., LL.D.	Director of Public Relations

AREAS OF ADMINISTRATION

Instruction

PHILIP F. ASHTON, Ph.D.	DEAN OF INSTRUCTION
E. Walter Hesel, Th.M.	Registrar
Harold T. Wiebe, Ph.D.	Dean, Graduate School
Donald McNichols, M.A.	Director, Summer Session & Evening School
Ernest W. Horn, Ed.D.	Dean, School of Education
Lawrence R. Schoenhals, Ph.D.	Director, School of Music
Lydia F. Green, B.S., R.N.	Director of Nursing Education
Donald E. Demaray, Ph.D.	Dean, School of Religion
Margaret A. Bursell, B.S. in Lib. Sc.	Librarian

Institutional Research

LAWRENCE R. SCHOENHALS, Ph.D.	DEAN OF ADMINISTRATION
Chairmen of Faculty Standing Committees	

Student Affairs

C. MELVIN FOREMAN, S.T.B., Ph.D.	DEAN OF STUDENTS
Charles E. Dohner, M.S.	Director of Guidance
N. Marie Hollowell, B.A.	Dean of Women

Finance

OTTO M. MILLER, M.S., D.Sc.	EXECUTIVE VICE-PRESIDENT
Clifford E. Roloff, M.A.	Bursar
Oral V. Hemry, M.A.	Business Manager

Public Relations

MENDAL B. MILLER, M.A., LL.D.	DIRECTOR OF PUBLIC RELATIONS
Roy Swanstrom, Ph.D.	Director of Publicity
George Upton, B.A.	Director of Development
Joseph L. Davis, B.A., S.T.B.	Alumni Executive Secretary

Introducing

SEATTLE PACIFIC COLLEGE

A CHRISTIAN LIBERAL ARTS COLLEGE

Seattle Pacific College is a College of Arts & Sciences dedicated to the task of helping its students attain for themselves a completely integrated Christian personality and life. As a *Liberal Arts College*, it purposes to bring each student to know himself, to exercise critical judgment in all matters, to appreciate his intellectual, cultural and religious heritage, to understand the world and society in which he lives, and to work effectively with other people.

Providing instruction on both the baccalaureate and graduate levels, it offers over thirty undergraduate majors and grants Bachelor of Arts, Bachelor of Science, Bachelor of Arts in Education, Master of Arts and Master of Education Degrees. Its solid academic majors provide the undergraduate foundation necessary for graduate study, while its majors in the practical arts offer opportunities for specialized training on the collegiate level. On the other hand, the wide variety of courses and majors has strong appeal to those who desire the value of rich liberal arts education experiences without a major interest in graduate study or a profession. Yet in consistency with the established liberal arts pattern, Seattle Pacific College makes professional training available through its Schools of Education, Music, Religion and Missions, its Departments of Nursing Education, and Physical Education and Recreation, and its specialized curricula in Medical Technology, Public Health and Secretarial Science. Other specialized programs of study provide pre-professional training for students planning to enter such technical or professional schools as Dentistry, Engineering, Law, Medicine, Pharmacy or Religion.

As a *Christian institution* of higher learning, Seattle Pacific College is thoroughly committed to the principles of Christianity. It maintains an institutional pattern by which these principles may be presented to students, fostered in their lives and practiced by them. Thus, the administration and faculty of the college maintain a personal interest in the spiritual growth of their students along with a concern for their intellectual development, social awareness and competence, physical well-being and vocational preparation.

Spiritual growth at Seattle Pacific College is encouraged through a Christian dynamic which permeates the entire program. Many varied and wholesome activities are provided, such as daily chapel programs, mid-week vesper services, special evangelistic services, frequent devotional periods in the class sessions, student prayer meetings, and prayer at all social gatherings. Also, wholesome standards of life and practice are promoted. Though church-related, Seattle Pacific, because of its strategic location and its backing by the Christian forces of the city, is dedicated to the responsibility of providing a high standard evangelical Christian college for forward looking young people who want the highest and best in true education. In view of this, the spirit and administration of the college is very inter-denominational. As a result, more than 50 denominations are represented in the student body.

Scholarly Christian Faculty

Seattle Pacific believes a Christian college program can be Christian in fact as well as in theory only by the sincere and active Christian life of its faculty members. Students will find here a faculty of more than sixty scholarly Christian men and women who are ready not only to give sympathetic advice but also to pray with them. There is ample opportunity for academic freedom and scientific research but within the pattern of democratic political theory and evangelical Christian teaching.

ACCREDITATION

Seattle Pacific College is fully accredited by the Northwest Association of Secondary and Higher Schools. By virtue of membership in this Association, the College is on the approved list of the American Council on Education and its credits are recognized by members of other regional associations of the United States and in leading graduate schools

throughout the country. It is a member of the Association of American Colleges and the American Association of Colleges for Teacher Education. It is also fully accredited by the Washington State Board of Education for the training of elementary and high school teachers. The school is on the approved list of the Board of Regents of the State of New York. Seattle Pacific College is approved for the education of veterans and war orphans under the Public Laws governing their education.

HISTORY

Founded under the auspices of the Free Methodist Church in June, 1891, Seattle Pacific College opened its doors to students in April, 1893. Consequently, the 1960-61 school year constitutes its seventieth year from the date of founding.

For more than twenty years the school was known as Seattle Seminary. During those years the course of study was of regular high school grade. College work was introduced in 1910. In 1915 the name was changed to Seattle Pacific College. For some years after the introduction of college work, the high school continued to be the dominant department, but as the college department grew, the high school steadily decreased until it was discontinued in 1936. Today, Seattle Pacific College fills with credit its place as Seattle's only Protestant Liberal Arts College and is happy to be known as a leading Christian College of the West.

The growth of Seattle Pacific College constitutes a real demonstration of the integrity and vision of many Christian men and women and of their faith in the real worth of Christian Education. Maintaining a school with such high ideals for more than sixty years has been done at the cost of heroic sacrifice and devotion. In early years when adverse conditions were present and it seemed that the school could continue no longer, many of these faithful men and women jeopardized almost all of their earthly possessions in assuming the school's financial obligations so as to tide it through the crisis. In more recent years the enlarged ministry of the school with its world-wide outreach and its unprecedented growth in faculty and student body, as well as in plant expansion, is receiving the backing of increased numbers of Christian-minded community leaders.

LOCATION

S. P. C. is near the center of the city of Seattle, a thriving metropolis of over 500,000 population, located in the famous Puget Sound country. Noted for its cultural concern, its civic pride and its evangelical religious activities, this "Queen City" of the great Northwest is an ideal location for a Christian Liberal Arts College. The year-round snow-capped Cascade Mountains to the east and Olympics to the west, with their lakes, streams and parks add to the beauty and interest of the setting. Even in winter the climate is mild and this area is considered to be one of the most healthful places in which to live.

Seattle is the western terminus of four trans-continental railroads: Great Northern, Milwaukee, Northern Pacific and Union Pacific. In addition to these, this city is served by frequent Greyhound Bus schedules from all points east, south and north, by trains that connect with Southern Pacific schedules at Portland, Oregon, by Alaska, Northwest Orient, United, West Coast and Western Airlines' flights, and by Canadian Pacific trains from Vancouver, British Columbia.

STATEMENT OF FAITH

From its beginning, Seattle Pacific College has taken a position within the historical evangelical stream of Christianity. Accepting the fundamentals of the Christian Faith, it stands unequivocally for:

1. The inspiration of the Scriptures, including both the Old and New Testaments.
2. The deity of Christ.
3. The need and efficacy of the Atonement.
4. The New Birth as a divine work wrought in the repentant heart by the Holy Spirit.
5. The need and glorious possibility of the "born-again" Christian being so cleansed from sin and filled with the love of God by the Holy Spirit that he can and should live a life of victory over sin.
6. The personal return of the Lord Jesus.

PHILOSOPHY OF EDUCATION

Seattle Pacific College is committed to the Christian philosophy of life. This philosophy recognizes the need of man to adjust to the world and society of which he is a part, and to acknowledge the existence of an eternal and unchanging authority, external to himself or society.

The Christian way of life is centered in God as revealed in Jesus Christ. Any philosophy of education emanating therefrom should be so oriented. Basic to this idea is the fundamental faith that fellowship with God is not only a necessity to man's fullest self-realization, but also the strongest dynamic toward social living.

The Christian philosophy recognizes the biological, psychological, and social nature of man, but regards him as primarily a spiritual being created in the image of God and potentially a child of God, though in his natural state perverted by sin and requiring the power of God for the remedy of his condition and the realization of his potentialities. It holds that the process of education leads to and builds such transformation, seeing in the fulfillment of the purposes of God the fullest development of the personality of the individual.

For its implementation the Christian philosophy is dependent upon the educator's understanding of the nature and purpose of God, the nature and end of man as revealed in Jesus Christ and the Scriptures and attested by the experience of man. The ideal of Christian education requires of the faculty an adequate academic preparation undergirded with Christian devotion and commitment.

The Christian philosophy of education affirms the value of the individual. Subject matter is not regarded so much as an end in itself as a means toward the self-realization of the individual. Since choice is regarded as foundational to character, students should be allowed the greatest freedom of thought and action commensurate with their degree of maturity. At the same time the educator should present to his students positive statements of Christian and non-Christian positions in areas of study where there is conflict, together with the reasons why these positions are held. It is believed that there can be no conflict between ultimate truth in religion, philosophy and science and that the doors of investigation must always be kept open in these areas. Thus the student may be qualified for intelligent and independent choices during and after his formal education.

The college program in all its phases should be so organized and directed as to help students attain for themselves a completely integrated Christian life which issues dynamically in service and the acceptance of responsibility within the college, church, home, community and vocation.

OBJECTIVES

The all-encompassing purpose of Seattle Pacific College is the development of mature and intelligent Christian personalities. It is maintained that this purpose can be accomplished through studies in many areas of knowledge, through the opportunities afforded for stimulating contact with teachers who themselves are mature and intelligent Christians, and through a variety of other experiences both in and out of the classroom.

Development is sought in areas which contribute toward the self-realization of the student and the maturing of his relationship to God and society. It is the responsibility of Seattle Pacific College to assist each student to set for himself worthy goals and to help him attain them. The areas upon which attention is focused are: intellectual growth, spiritual development, cultural appreciation, social awareness and competence, physical well-being, and vocational preparation.

Intellectual Growth

Seattle Pacific College seeks to promote the intellectual growth of its students by developing their ability to think creatively; by stimulating their intellectual curiosity; by motivating them toward the discovery, evaluation, and use of knowledge; by encouraging an appreciation of differing points of view without the loss of personal integrity; by acquainting them with the various areas of learning; by providing a foundation for a more intensive specialization in a chosen subject area; by helping them to appraise their abilities and potentialities; and by developing their skill in effective communication.

Spiritual Development

It is the desire of Seattle Pacific College that each student enter and maintain a right relationship with God and man through a personal commitment to Jesus Christ as Lord and Master of his life. It seeks to help him build on this foundation intelligent religious convictions and a sound philosophy of life based on the Christian theistic view of the world in the light of Biblical and natural revelation. These will serve as a vital incentive to devotion to God expressed in private and public worship, in a high standard of Christian conduct and in the acceptance of personal responsibility for extending the Kingdom of God. The college recognizes its responsibility to the sponsoring church for the propagation of its historic Christian faith.

Cultural Appreciation

Seattle Pacific College seeks to develop in each student an awareness of his cultural heritage. It also seeks to develop a sharpened critical judgment which, from acquaintance with the masterpieces in the arts and the humanities, will result in aesthetic appreciation.

Social Awareness and Competence

The College endeavors to help each student develop those insights and abilities which will enable him to live and work in harmony with others, recognizing his family, church, community, national and world wide obligations. It accepts responsibility for assisting students in the acquisition of social graces and the capacity to enjoy a wholesome social life.

Physical Well-Being

Seattle Pacific College believes it has the responsibility to encourage each student to achieve a high level of physical fitness so that he may enjoy an optimum of physical well-being.

Vocational Preparation

It is an objective of Seattle Pacific College to motivate the student to unselfish Christian service by making him cognizant of world needs and by leading him to recognize his responsibility for meeting them. The College endeavors to help the student choose a vocation and prepare for it in the light of this goal.

PATTERNS OF LIVING

General Statement

The pattern, policy and aims of Seattle Pacific College are such as to make a strong appeal to Christian young people from all evangelical denominations. Not all young people, however, come from homes or churches which emphasize religious experience and devotion to the Christian Ideal in the same degree as found on the campus at Seattle Pacific College. *It is assumed that when a student applies for enrollment in Seattle Pacific he thereby agrees to conform to the college standards and regulations whether written or implied and to cooperate in upholding them.*

To insure the highest type of group solidarity the standards of personal conduct are the same for all students of the college, whether living at home, at the school or elsewhere. They also apply to students while engaged in non-school activities as well as in school activities.

Standards of Personal Conduct

There are many areas in which personal decisions must be left to the individual. Part of the training of the student is to enable him to make decisions correctly for himself. This is, of course, true with respect to his relationship to God, and also applies to his relationship to his fellow students, as well as to his own conduct and appearance.

On the Positive Side, the approach of the college is to provide such a climate of ideas and to present the Christian Ideal so acceptably that the student will be encouraged to a thorough devotion to the principles of Christian living, to a genuine respect for the rights of others, and to aspire to exemplary conduct in conversation and appearance. For example, the desire of the college is that through the environment which is offered, the student will develop a genuine desire to observe the Sabbath in a worthy manner, that the mind will

be so thoroughly furnished as to discourage attendance at the commercial theater, dances and such commercialized recreation as is not conducive to spiritual growth.

On the Negative Side, it is expected that S. P. C. students will abstain from all questionable worldly attitudes and practices. Specific mention, however, is made of two: The use of tobacco or liquor by students is not permitted. An applicant who is known to have used tobacco or liquor within three months will not be allowed to enroll except by special permission of the Admissions Committee. Students whose conduct is known to be out of harmony with this regulation will be asked to withdraw from the college.

Special Points of View

No Fraternities or Sororities. Throughout the years, a wholesome spirit of fellowship has been experienced among the students. There is no class distinction between "dormitory" and "non-dormitory" students. The entire student body is small enough to provide opportunity for maximum spread in student leadership and student participation without the necessity of social fraternities or sororities. The college does affiliate with several national honor societies.

Prayer at Social Functions. It is understood that no social function will be planned by any school or student organization which would be out of keeping with the spirit of Christian discipleship. This accounts for the fact that all such functions or programs include a prayer or devotional period.

Interest in Personal Evangelism. Christ's great commission to His followers was "Tarry" - "Go" - "Tell." In another place he admonished His followers to go and "disciple all people." This means every Christian should be a promoter of the gospel. At Seattle Pacific it is believed that the Christian who carries a personal witness in adult life, in most cases, learned to thus witness when he was young. Consequently, everyone at S. P. C. is urged to be aggressive with respect to sharing with others his joy in following Christ. As a result, it is traditional here to find students talking with one another and others from time to time regarding Christian commitment and experience.

Religious Service Attendance

Seattle Pacific College conduct no religious services on Sunday. At the same time, the religious life of each student is of primary concern to the faculty. The college, therefore, encourages every member of its student group to take an active part in the program of his own denomination. In this connection, each student is expected to attend regularly the religious services of his church.

Faculty-Student Cooperation

As described elsewhere the students have a well-organized and functioning Student Council. There is a high degree of coordination and cooperation between the school administration, faculty directors and committee chairmen and the student officers and their departmental directors. Much responsibility for student activities is delegated to them and their various organized groups.

Residence Halls Regulations

Students are expected to observe the regulations set up by the Residence Hall Committee regarding quietness, care of rooms, hours for meals, leaving the campus, etc. Each week-day evening, after eight o'clock except Friday evenings is reserved for study. On Friday and Sunday evenings or any other "open night" students are expected to be at home in the dormitories, or at their boarding places at least by twelve o'clock.

Off-Campus Living by Students Away From Home

With the continued growth of the college it has become increasingly necessary for some students away from home to obtain places of residence off the campus. There are a number of private apartment houses in the vicinity available to married students and many homes which take single students as roomers.

It is expected that all freshmen and sophomores who are away from home while in college will live in campus residence halls. Other students away from home may live off campus only in approved places. Light housekeeping by unmarried students in apartments is not allowed except by permission, and then only under carefully supervised circum-

stances. Any student away from home who desires to live off campus must make arrangements with the Dean of Women or Director of Guidance.

The regulations regarding hours, attendance at religious services and other phases of college life apply to off campus students the same as to those living in the dormitories.

Obviously, students living off the campus are unable to participate in many of the campus activities. Whenever possible, a student should reserve a room in the dormitory early in the summer and thus insure himself greater opportunities during his attendance at Seattle Pacific College.

TWO OUTSTANDING TRADITIONS

Mid-Week Vespers

Most wonderful of all traditions on the campus is the student Vesper Service which is held each Wednesday evening from 7:00 to 8:00 o'clock in McKinley Auditorium. This is the one distinctly religious all-college service of the week. It is traditionally an informal service in which group singing and personal testimony give great inspiration in the midst of the week's activities. Since it is regarded as an essential part of the school program, attendance of students living on campus is expected. Those living at a distance are expected to attend as often as possible, but *in any event, at least once a quarter.*

Daily Assembly

The hub of the college program is the Assembly which is held daily from 10:00 to 10:30 o'clock. Attendance is required of every student registered at Seattle Pacific unless excused by petition. By tradition, planning and expectation the "Daily Chapel" is its central institutional campus-wide activity. Assembly at S. P. C. is quite unique when compared to college assembly programs in general.

OTHER TRADITIONS AND STUDENT ACTIVITIES

The S. P. C. traditions are those customs, practices and codes of action which have meant so much to past and present generations of students that they have become a part of the spirit and personality of the school itself. Many of these traditions have already become mellowed by the passing of many decades; others are in the process of being established. These traditions are maintained and perpetuated as they are honored by each new student's identifying himself with the program of the college.

"Highlight" Social Events

The social events on the campus are designed to develop social acceptability and graces. A faculty social committee has direct responsibility for all social events in which the students participate. Class and club officers arrange in advance with the chairman of this committee and the student social director their plans for social events, so that a calendar can be published.

The All-School Hike. The first student-sponsored affair of the year is the All-College "Hike"—via bus to Lincoln Beach, on the first Friday afternoon and evening of the autumn quarter.

The Faculty Reception for New Students. The official presentation of new students to each other and to the faculty takes place at the semi-formal reception held the second Friday night of the autumn quarter.

Moms and Dads Week-end. Near the middle of the Autumn quarter, the students invite their parents to the campus to participate in a group of events especially arranged for them. These include "open-house" in the residence halls, a variety program of student talent, visits with teachers and advisers, and a banquet given for them by the students.

Homecoming. Held in January or early February, this gala affair holds high interest for present and former students alike. Beginning on a Friday afternoon with a parade, Homecoming provides opportunity for the present students to "show-off" Alma Mater, to entertain visiting grads and former students, and to join them in club reunions. Festivities are climaxed with the crowning of the Homecoming Queen at half-time during the basketball game Saturday evening. On Sunday morning a special service is held in the College Church for those who can stay until then.

The All-College Banquet. This most important semi-formal function is usually held during the winter quarter near Washington's birthday.

Class Hikes. One Friday afternoon is set aside each spring quarter for the individual classes to make trips to some of the beautiful lakes or mountain resorts near Seattle.

The Boat Trip. The one all-school event which is distinctly an S. P. C. function is the Annual Boat Cruise. Several hundred students, faculty members, alumni and friends charter one or more passenger ships and spend a day or evening cruising among the wooded islands of Puget Sound or on Lake Washington.

All-School Organizations

The Officers of the Student Association are president, first vice-president, second vice-president, secretary and treasurer. They work with representatives from the faculty in promoting the general welfare of the school. This organization provides not only good business training for students, but also for bringing about a congenial spirit of cooperation between faculty and students.

Departmental Directors. Departmental directors, appointed by the president of the Association, are immediately responsible for the functioning of the various activities of the student body.

The Student Council is the elected governing body of the Student Association. It shapes the policies, guides the activities and budgets the finances for the student body. All students are encouraged to take part in the discussion of issues which are before the Members of the council are: the executive officers, one representative from each class and council so that they may gain experience in the democratic processes of community life. one from the post-graduate and graduate students combined, the president of each class, the president of AMS, the president of AWS, the forensic, music and religion chairmen, the editors of the student publications, and two faculty members named by the president of the college.

Associated Men Students. Commonly known as "The King's Men," the AMS includes all male students in attendance, whether on or off campus. The purpose of this organization is to aid in directing the affairs of dormitory life and to sponsor cooperative enterprises between on and off campus men. Two major events during the year are the over-night retreat and a steak barbecue at a near-by ranch.

Associated Women Students. The AWS was organized at Seattle Pacific College to bring the women students into closer fellowship and provide for them better spiritual, educational, social and cultural opportunities. One of the outstanding purposes of the club is to encourage greater friendship between the dormitory girls and those living off the campus.

Student Clubs

Every student has the privilege of joining one or more of the various activity clubs, according to his specific interest. The departmental clubs now organized are: Art Club, Centurions (Men's Service Honorary), Eta Pi Alpha (Education, F. T. A.), Falconettes (Women's Service Honorary), Foreign Missions Fellowship, Forensics Club and Pi Kappa Delta (Speech groups), French Club, German Club, Music Educators Club, Nurses Club, Order of the "S" (Athletic Varsity Letter Men), SCIOS (Science group), Silent Signal Corps (Sign Language), Spanish Club, SPECS (Physical Education Majors), Theta Beta (Home Economics), and Watchmen (Ministerial). Meeting at a regular time each week or month, these clubs provide a variety of interest and activity, and constitute the smaller social units on the campus.

Athletic Activities

The necessity for an athletic program is tied in with several of the chief objectives of education. A considerable degree of physical activity is necessary for the health of the body. Society is constantly demanding more training for the proper use of leisure time. Students should learn such means of employing their leisure time as will not result in injury or idleness.

Seattle Pacific College encourages its students, both men and women, to learn and participate in the various games as freely as possible. A real effort is made to relate inter-collegiate sport contests to the health program of the college and particularly to the intramural sports. These consist of various tournaments in basketball, touch football, baseball,

tennis, handball, volleyball, archery and other activities. Competitive intercollegiate football is not played.

Regular classes in Physical Education are conducted. Physical Education is required as one of the prerequisites for graduation. Only in rare cases is provision made for exemption from this requirement. In most cases students unable to take the strenuous exercise of the class will be required to earn credit through individual work.

A five-acre playfield known as the Rogers Playfield, about three blocks from the campus, originally owned by the college but sold to the city some time ago, is available for college use.

The faculty director of Women's Athletics works closely with the Associated Women's Students. Each year the group elects an athletic director who assists in arranging for practices and tournaments. The entire program is coordinated closely with the Women's Physical Education program which constantly promotes friendship, sportsmanship and good health.

Musical Activities

Music fills a large place in campus life and offers recreation as well as serious study on various levels for a wide range of purposes. Regular instruction, either privately or in classes, is offered in both vocal and instrumental music. Beginners are often able to progress rapidly enough to find a place in one of the campus musical groups within a year. Thus individuals who hitherto lacked the opportunity to study music, now have both the opportunity to study and the pleasure of group participation.

Regularly organized musical groups, open to any student regardless of major department, include the following: A Capella Choir, Concert Band, Pep Band, Chamber Orchestra, Oratorio Society, Chorale, Victory Quartet, Clarion Quartet, String Quartet, and Madrigal Singers. There are numerous other instrumental and vocal groups organized on an informal basis according to available student talent to meet specific assignments.

Religious Activities

From the time of the origin of the college, religion has played a vital part as an activity in the life of S.P.C. It has been the desire of the faculty and Christian students to make the Christian life so natural and winsome that all who come to the college will want to live such a life.

Many calls come to the Department of Religion for Sunday School teachers, song leaders, choir members, teachers of youth groups, and directors of other special services.

Gospel Teams give an opportunity for Christian service to those students who are interested in this type of work and are able to participate in it. Consisting of from six to ten members each, these teams are trained to conduct different types of services organized around music, readings, testimonies and speaking.

Campus Religious Organizations. The missionary organization on the campus, known as *The Foreign Missions Fellowship*, includes both those who are actually planning to serve on foreign fields, and those who are seeking God's will for them concerning missionary work. This large number of students is organized for the purpose of stimulating missionary interest on the campus and in the churches, by the means of regular Prayer Band meetings every Tuesday, 6:30 to 7:30 p.m., and other programs throughout each quarter.

The Watchmen is the organization of ministerial students on the campus. This large group of men meet regularly on alternate Fridays to listen to talks by leading ministers of the city, and to discuss the various aspects of the Christian ministry.

F.M.Y. Club is an organization, composed of Free Methodist students and others, for the purpose of promoting interest in deeper spiritual life on the campus and fostering missionary activity.

Spiritual Emphasis Weeks. By reference to the Calendar, in the front of this catalog, it will be noted that near the middle of each quarter during the regular school year, provision is made for a "Spiritual Emphasis Week." The leader for such an evangelistic emphasis is engaged by the college to bring special messages in the morning chapel periods and then conduct a Bible discussion hour in the afternoon. Frequently the college cooperates with the local church in engaging a man who will also be used by the church in conducting church-community evening services.

Speech Activities

Prior to the establishment of a separate department of speech, the college widely promoted speaking activities. The Philopolemic Society, active into the 1920's, was replaced by Speech Department promoted activities under Miss Lillian Danielson in 1934. In response to the importance of effective oral communication in today's world, the speech department encourages intramural and inter-collegiate speech-skill experience regardless of the student's major field of interest.

Forensic activities are planned so that students may participate even though they are not enrolled in academic speech courses. An *intramural speech tourney* is under the direction of the student Forensic Director in the Autumn Quarter. During the Winter Quarter two speech tournaments are sponsored by the speech department. In the *college tournament* students may meet competition from other schools without the necessity of leaving the S. P. C. campus. In the *high school tournament* college students from speech classes who are experienced in forensics, learn to evaluate good speaking by helping judge the high school contestants. In the Spring Quarter speech majors assist in sponsoring a State high school Best Speaker Tournament, called the Seattle Pacific *Speech Pentathlon*. Combining a recreational outing with an opportunity to determine the best high school speaker, this event is held at the Camp Casey Unit of Seattle Pacific, located on Whidbey Island.

College students who have participated in campus and intercollegiate speech activities for at least one year, and who meet scholastic eligibility requirements are invited to join the world's largest college speech honorary, *Pi Kappa Delta*. Elected by the local chapter, new members are initiated at the spring semi-formal Pi Kappa Delta banquet. Another organization whose purpose it is to assist the campus speech activities is the *Forensic Club*, with membership open to any regularly enrolled student who wishes to attend the Forensic Breakfast Club meetings, or to participate in speech events.

Who's Who

Who's Who Among Students in American Universities and Colleges is a national roster listing the names of outstanding students throughout the United States who have been chosen by their respective colleges on the basis of character, scholarship, leadership in extra-curricular activities, and the promise of future usefulness to business and society. Fifteen to twenty outstanding young people at Seattle Pacific College are selected each year by the Student Council and the Faculty Awards Committee, and their names are sent in for publication in *Who's Who*.

CAMPUS AND BUILDINGS

The Campus

The campus of Seattle Pacific College covers about twenty acres of land located on Third Avenue West in the North Queen Anne District of Seattle. Arranged in horse-shoe fashion around a loop drive, the buildings present an interesting variety in design and situation, ranging from the traditional vine-covered "halls of ivy" to the ultra-modern. Crisscrossed by walks conveniently placed, the inner campus presents a park-like appearance with its many trees, its lawns and its flower-beds.

Lying near the famous Lake Washington Ship Canal, which contains the second largest locks in the world, the campus is served by the Nickerson Street arterial, which is reached from the city center via Westlake or Dexter Avenues, or by Elliott and Fifteenth Avenues West. City Transit Coach No. 17 stops at the corner of the campus. Those arriving in Seattle by train should board it at Fourth Avenue and Jackson Street, while those coming by bus should catch the coach at Fourth Avenue and Stewart Street.

Educational Buildings

Adelaide Hall is a classroom building providing well-equipped rooms for both large lecture classes and smaller group discussions and seminars. It also houses offices for the English, Religion and Spanish Departments.

The Art Studio Building is a modest one-story frame building with ample space for sketching and painting. Considerable power equipment is available for craft work, also furnaces for work in ceramics.

Crawford Hall, the new *Music Building*, is a two-story reinforced concrete and brick structure recently erected on the front campus facing Third Avenue West. This educational unit contains 8 studio-offices, director's office suite, library, classroom, listening room, faculty lounge, rehearsal room, instrument and music storage room, and 17 practice rooms. A second unit is projected which will add a recital hall seating 250 persons.

The Engineering-Physics Building is a two-story reinforced concrete structure with brick and cement-block facing and is 50 by 108 feet in size. This, with the equipment, constitutes one of the finest shops for liberal arts college in the area. It houses a large array of work benches and machinery, including both steel and wood lathes, table saws, sanders, band saws, planers, milling machines, electric and acetylene welders, compressors, blue-print machines, drill presses and the like.

The Gymnasium, known as the *Royal Brougham Pavilion*, was opened for use during the year 1952-53. It is a spacious, reinforced concrete building with two stories above a full basement. It is a 120- by 150-foot building and provides a standard basketball playing court of 50 by 94 feet. When the rolling bleachers are folded it provides two cross practice courts each 50 by 90 feet. The seating capacity is approximately 2,500.

Health Center. Recently completed, this modern spacious building is one of the finest Student Health Centers in the Northwest. Situated near the residence halls with entrances from street and campus areas, this two-story building houses an out-patient department on the lower floor, with a reception area, offices, several examination and treatment rooms, laboratories, a physical therapy room, and a laundry. The infirmary, on the upper floor, accommodates twelve to seventeen beds in addition to convenient service areas and a resident nurse's apartment.

The McKinley Auditorium is an attractive structure with a seating capacity of nearly one thousand. In this building may be found a three-manual Kimball pipe organ, a number of faculty offices, several fine class rooms and rooms and equipment for the Home Economics department.

Peterson Hall is the main administration building. It is located in the center of the main campus, and is a modern structure with a pressed brick veneer. This hall houses the "Omar Allen Burns Library," the administrative offices, laboratories and class rooms. It also contains the "Fisher Memorial Prayer Chapel" in memory of S.P.C. men who lost their lives in World War II.

The Science Hall is a two-story frame building. In this building is a large science lecture room which will seat over a hundred, several other classrooms and laboratories for Anatomy, Bacteriology, Botany, Physiology and Zoology.

The Student Union is a two story campus community center which contains the post office, meeting rooms, lounges, bookstores, offices, snack bar and recreational facilities. Completed in 1960 it serves as the "living room" at the center of the campus. The Union is host to numerous meetings, banquets, tournaments, and other social occasions. This educational unit is a laboratory dedicated to the improvement of human relations.

Residence Halls

The college maintains five dormitories and several dormitory annexes which provide housing for more than four hundred students. As a rule, these facilities are equipped for two students in each room. A few rooms, however, are known as 3-student and 4-student rooms.

All rooms are supplied with single beds, mattresses, table or desk, dresser or chest of drawers, and chair for each student. *Students provide their own bedding, pillows, rugs and similar items, as desired.* In some of the dormitories students provide their own window drapes. A deposit of \$10.00 per student is required for room reservation. This fee is non-transferable and no refund will be made upon the student's failure to live in the residence hall at the time for which the reservation is made. Such portion of the fee as is unused will be refunded when the student "checks out" at the close of the year.

In the assignment of rooms and roommates the wishes of the student are followed as far as possible. In cases where it seems appropriate, however, the college reserves the right to assign students to specific rooms or to move students after the school year has started.

Marston Hall, the new residence hall for women, lies along Fifth Avenue adjacent to Watson Hall. Rising three stories above a full ground floor, this beautiful modern building provides room and facilities for 170 women, as well as a spacious social hall and an apartment for the Dean of Women.

Tiffany Hall is a women's residence hall in which are located a parlor and forty student rooms. Most of these rooms are provided with both hot and cold water. The lower floor houses the Book Store and the Snack Bar.

Watson Hall, named in honor of President and Mrs. C. Hoyt Watson, is a modern residence building located on the northwest corner of the campus. This is a women's dormitory with twenty-five student rooms. It also houses the cafeteria and kitchen. This building is modern in every respect and provides a private bath for each two rooms.

The Alexander Residence Hall for Men has forty dormitory rooms and is furnished with shower baths on each floor. This four-story brick structure is located on the south side of the main campus and commands a fine view of the other buildings and grounds.

Moyer Hall, the new residence hall for men, is of modern design and is located on the site of the old gymnasium. It is a splendid reinforced concrete building with three stories above a full basement. A modern heating system provides radiant heat from the floor and ceiling on all four levels. There are two splendid lounges for the enjoyment of the residents and a third lounge for visitors and residents. The building will house 124 men with two men to a room.

For *Married Students* the college can provide for 90 families in college-owned apartments. Renting at a modest rate, they vary in size and arrangement, although all are equipped with modern appliances and are furnished throughout. Some units are large enough to accommodate children, ten of them being new two-bedroom houses in a new residential district. Information regarding housing for married students may be obtained by writing to Professor Burton D. Dietzman, Director of the Housing Program. Many apartments for married students are also available in the community surrounding the college.

Hillford House, the beautiful new home for the president, is located two blocks southwest of the main campus in an area given to the college through the generosity of Colonel Cyril D. Hill. Overlooking the campus, this building is of modern design and in addition to the usual features of a modern home has a large area on the lower floor for faculty and other group activities.

FACILITIES AND SERVICES

Library

The Library, which is known as the *Omar Allen Burns Memorial Library*, is located on the second floor of Peterson Hall. It contains more than forty-two thousand choicely selected works distributed in subject matter among the different departments of instruction, and books of general interest. Many new books are added to the library each year. The Library is classified and catalogued according to the Dewey System. More than two hundred periodicals are received regularly by the Library. In addition, the students of the college have easy access to the city library of 700,000 volumes. Plans are now in progress for the construction of a new library building, for which over \$200,000 has already been given.

Laboratories

Chemistry. The chemistry department consists of two laboratories, a stock room and office. Lecture work is conducted in designated class rooms in Peterson Hall. The laboratories are ideally situated to provide good lighting and ventilation. They are supplied with basic equipment for all courses offered, including that necessary for undergraduate research.

Home Economics. The home economics laboratories are in the basement of McKinley Auditorium. Equipment consists of six electric ranges, two electric refrigerators, an electric washing machine, six electric Singer sewing machines, and the usual home economics laboratory desks, layout tables and the like.

Micro-Biology. This laboratory has excellent equipment including several autoclaves, incubators, refrigerators, ovens, microscopes, and micro-projectors.

Physics. The physics laboratory is equipped with a good supply of apparatus which makes possible the essential work of all courses offered in Physics. Gas, water and electricity, both D.C. and A.C., are available. Laboratories for advanced classes and undergraduate research are specially equipped for that purpose.

Physiology and Zoology. The laboratory for physiology and zoology is located on the top floor of the Science Hall. An adequate supply of material and equipment, including microscopes, specimens, etc., is kept in the storeroom. The location of the college on Puget Sound makes it possible for students to have access to the marvelous variety of vegetation which is so luxuriant in this climate and also to the interesting life, both plant and animal, which flourishes in salt water as well as in fresh.

Speech. In its laboratories in the Brougham Pavilion, the Speech Department provides tape recording equipment for student use in self-analysis of personal speech problems. The two semi-professional tape recorders and one professional Magnacorder are in constant use. Two listening booths are available to students at all times. Non-professional, but adequate, training equipment is maintained for student experience in Radio Programming with a high quality turntable, speakers and an amplifier-mixing panel.

Laundry and Cleaning Service

The college does not operate a laundry. However, for the convenience of the students, automatic washing machines and dryers are available in the residence halls. This is a metered service requiring 25 cents per load and the student accepts full responsibility when using the equipment. In addition, a self-service laundry is located around the corner from the campus and a dry cleaning establishment, which also does shirts and other laundry, is just across the street.

Counselling and Guidance

The college has long cherished the ideal of friendly and sympathetic relationships between student and faculty. From the very beginning of the college experience, efforts are made to assure the new student that the faculty members are interested in their problems and desire to help them make a successful adjustment to college life. Certain faculty members perform specific personnel functions; for example, the Dean of Students, the Director of Guidance, the Dean of Women, the Registrar, and the Director of Health Services all give much time to helping freshmen make a favorable start on the college program.

These guidance efforts are implemented through the Orientation Retreats for both men and women students in separate groups, sponsored during the opening days of the Autumn Quarter at the college's beautiful Camp Casey located on Whidbey Island. They are required of all freshmen, while other new students are invited and urged to attend.

All entering students take a battery of tests either during their last semester in high school, or at the time of college entrance. The purpose of these placement tests is to provide useful information concerning the educational background of each student. This information is then made available to faculty advisers and is employed in personal conferences with students for planning a study schedule, selecting specific courses and meeting other college study problems.

Each freshman is given a faculty counsellor who helps him in his orientation to campus life, in his choice of first year courses, and in personal or academic problems which may arise during the year, including his choice of a major field of study. After deciding on his major, the student is assigned to his departmental adviser, who continues to offer assistance in academic and personal matters for the remainder of his college experience. Faculty office doors are "always open" to their advisees for the more formal conferences, while frequent unscheduled discussions between classes, on campus, in the cafeteria or in the Snack Bar provide opportunity for much guidance of the informal type.

Health Services

The health program of the college guards against infectious diseases and incipient ill health and provides care during illness. The director is a registered nurse. The Health Center has the services of several physicians and part-time registered nurses.

All new students and all former students who have not attended Seattle Pacific College within the preceding calendar year must have a medical examination at the time of registration. Certification from other physicians will not be accepted in place of this examination which is given without charge. An annual chest X-ray is required of every student. If an examination reveals any physical condition which needs further attention, the expense of such treatment, including diagnostic tests, X-rays or prescriptions must be borne by the student.

Treatment is available for most cases of illness. Students will not be permitted to remain where proper care cannot be taken of them or where they may be a source of danger to other students. The out-patient department serves the students during the day and the infirmary receives patients at any hour. The infirmary cares for students living in the residence halls for a period of five days per quarter without charge. Thereafter the charge is \$2.00 per day. When students need hospitalization they must arrange to enter a local hospital at their own expense. Students are also responsible for calls by a physician to dormitory rooms or to student homes, for cost of extended professional or surgical care, or treatment with antibiotics or drugs necessitating a prescription. Accident insurance is available at a nominal cost.

PUBLICATIONS

The *Seattle Pacific College Bulletin* is the name of the periodical published monthly by the college. The purpose of this publication is to give friends and prospective students general information and announcements regarding the college. The *Bulletin* is sent without charge to all whose names are on the mailing list. The list consists of the names of all friends, donors, and prospective students of the school whose addresses are available. If you desire the *Bulletin*, just send your name and address.

The *Falcon* is a weekly newspaper published by the Associated Students of the College. Chosen by the students themselves, the staff and a large number of other students have excellent opportunities for experience in all phases of Journalism. Every student receives a copy of the paper each week. For non-students, the subscription price is fifty cents per quarter or one dollar per year. This paper should have the support of the alumni and patrons as well as the faculty and student body.

The *Tawashi* is the student year book. This handsome, profusely illustrated volume shows pictures of the students by classes, records the "high-light" events of the year and reflects the varied and exciting extra-curricular side of student life.

ALUMNI INFORMATION

The business of the Alumni Association is carried on primarily through the Executive Committee, which includes elective officers and representatives of the various chapter organizations. Voting is done by ballot through the mail. Information will reach the Executive Secretary at any time by merely addressing the Alumni Association, Seattle Pacific College, Seattle 99, Washington.

The members of the Executive Committee for 1959-60 are:

V. O. (Bud) McDole, B.A., '52	President
Eldon G. Boice, B.A., '39	First Vice President
Mrs. Robert (Virginia) Riggs, B.A., Ed., '56	Second Vice President
Mrs. Harlow (Marjory) Snyder, B.A., '42	Secretary
Wesley E. Johnson, B.S., '50	Committee Member at Large
Leonard C. Root, B.A., '49	Committee Member at Large
Marvin M. Wallace, B.S., '38	Alumni Member on the Board of Trustees
Prof. Joseph L. Davis, B.A., '41	Executive Secretary

SUMMER SESSION

Seattle Pacific College offers a full quarter of study in its Summer Session. Divided into two convenient terms of 4½ weeks each, it runs from the third week in June to about the middle of August. (See calendar for exact dates.) For those who wish to accelerate their educational programs, the Summer Session makes it possible to complete the regular four-year college course in three years.

The Summer Session appeals particularly to public school and Christian day school teachers and administrators of both the elementary and the secondary grades. The wide variety of courses in education and related fields of study on both the undergraduate and graduate levels gives opportunity to work toward either original or advanced certification and to fulfill requirements for the Master of Education degree.

A special feature of the Summer Session is a program of "Study Centers" held in cooperation with the Highline, Renton and Shoreline School Districts near Seattle. Held during the first term only, this program consists of two phases: A full half-day of directed teaching in remedial arithmetic or reading giving 7 credits, and a two-hour workshop in the same areas every afternoon giving 2½ credits.

Another special feature is the *European Tour*. The six-weeks itinerary usually takes the group through Great Britain, Holland, Belgium, West Germany, Switzerland, Austria, Italy, France, Spain, Portugal and sometimes to Greece, Jordan, Israel and Egypt. Led by a member of S. P. C. faculty, this tour provides 6 credits of college work in two courses on some phase of education, English, history, political science, or religion.

A wide range of courses is available for the general college student in twenty Liberal Arts Departments and in the pre-professional areas. Pastors, Christian workers, homemakers, recent high school graduates and all who wish to improve their opportunities for academic work, professional study or personal enjoyment will find a wide choice of many excellent courses.

Both men and women's residence halls will be open, but no provision is made for dormitory students to do their own cooking. The college cafeteria will be open and charges for board and room are reasonable. The tuition is \$14.00 per credit. There is no general fee, but other fees are the same as they are during the regular school year. For detailed information write for a Summer Session Bulletin.

FINANCIAL INFORMATION

The regular school year is divided into three quarters of about twelve weeks each. All charges are due and payable at the opening of each quarter. No student may complete his registration and attend classes until his bills have been paid or satisfactory arrangements have been made. In special cases arrangements can be made to pay by installments. This is done by paying part cash and signing a student promissory note covering the balance to be paid before final examinations.

All obligations to the college should be taken care of before the end of each quarter. In no case will a diploma or transcript of credit be given until the student has paid all his financial obligations to the school.

The responsibility for handling financial matters rests entirely upon the individual student. No statements are sent to parents or guardians except in very unusual cases.

SETTLEMENT OF BILLS

All accounts must be cared for by cash, or by cash and note in advance at the beginning of each quarter. No student will be allowed to attend classes until this is done.

In case of cancellation of registration or withdrawal after the quarter opens, refunds will be made as follows:

1. There is no refund on the ten dollar matriculation fee.
2. Of the charge for tuition and regular fees, a 100% refund will be made during the first week of classes, an 80% refund will be made during the second week, and 20% less each succeeding week until the fifth week of the quarter, after which no refund will be made.
3. No refund will be made in any case until the student completes the necessary procedure in the Registrar's office for an official withdrawal and the matter has been considered by the Bursar. Students should expect a delay of one to three days in obtaining a refund.
4. In case a student enters school after the opening of the quarter, the full charge is made for tuition and fees. If a student enters or leaves the dormitory during a quarter, the charge for board and room will be pro-rata for the time in the dormitory.

TUITION, EXPENSES AND FEES

Tuition

Regular Tuition (including graduate students) per quarter.....	\$170.00
Less than twelve credits, per credit.....	14.00
Extra credits (above seventeen).....	14.00
Students carrying a full load may enroll in Oratorio without extra charge.	
Tuition, those taking night classes only, per credit.....	12.00
Tuition for Auditors, per credit.....	8.00

Wives of full-time college students will be eligible for a 25 per cent discount in regular tuition if they, too, wish to attend Seattle Pacific.

Dormitory Expenses

Students may obtain full board and room on the campus for \$185 per quarter. For students taking less than full board, a charge of \$85 per quarter is made for room alone. No student is eligible for a room in the dormitory unless he boards in the college dining room at least 60 per cent of the time.

During vacation periods, meals will be charged for at the regular rates.

The regular meal ticket for the Autumn quarter entitles the student to meals beginning with breakfast on the Saturday preceding the registration period; for the Winter and Spring quarter, the ticket is good beginning with breakfast of the day for registration of new students. For residence hall freshmen and upper classmen counsellors who attend

the Camp Casey Freshman Retreats the autumn quarter "full meal ticket" begins with the evening meal prior to the particular retreat which the student will attend.

If but one student occupies a room the charge is \$10.00 per quarter more than the above figure. If only two students occupy a three-student room the extra charge per student is \$4.00 per quarter.

The College reserves the right to change the rates during the year if an emergency makes such a move imperative.

When students are employed by the college, preference is given to those living in the residence halls. As indicated elsewhere in this catalog, every effort is made to furnish work to all dependable dormitory students needing it. The regular rate of pay is 85 cents per hour.

Sundry Fees

General Fee, regular students, per quarter	\$30.00
General Fee, for students carrying less than 12 hours, per credit	2.50
Late Registration Fee \$1.00 per day, maximum	3.00
Fee for Removing Incomplete (each course)	1.00
Examination for Credit, per credit	2.00
Transcript Fee (after first, which is free)	1.00
Enrollment in Placement Bureau (after 1st Placement)	3.00
Room Reservation and Deposit	10.00
Breakage Deposit for Chemistry Students (Lower Division Classes)	2.50
Breakage Deposit for Chemistry Students (Upper Division Classes)	5.00
Entrance (Matriculation) Fee (required once only)	10.00
Graduation Fee, Baccalaureate Degree	10.00
Graduation Fee, Master's Degree	10.00
Swimming Fee	6.00

The general fee is charged each student to cover a wide range of curricular and semi-curricular needs and activities.

1. This fee takes the place of laboratory and library fees, health fees, student activity fees, class dues, incidental fees, etc.
2. It covers such items as gym lockers for students in physical education, post office boxes, athletics, the testing and guidance facilities of the College, use of equipment and some supplies in various science courses, and other incidentals.
3. It also cares for those items suggested earlier in the catalog having to do with the required physical examination, opportunity for consultation with a registered nurse and the college physician during specified hours in the Health Service and up to five days of hospital care in the infirmary for students living in the dormitory.
4. From the General Fee, during the regular school year, funds are provided for such student activities as the student publications, including the *Falcon* and the *Tawahsi*, the athletic program of the school, the social and literary activities, the religious and evangelistic program, the annual school outing, and other activities.
5. From this fee is taken also \$7.00 for each full time student in the regular session to help underwrite the current charges for the Student Union Building.

Fees in Applied Music

	Regular Students	Special Students
Voice or any instrument	10 half-hour lessons	\$22.50 \$30.00
Class Lessons	Two periods weekly, per quarter	7.50 12.00

Rates for lessons with student assistants will be supplied upon request. Students registered only for credit in applied music are not required to pay the general fee.

Miscellaneous Music Fees

Organ rental, two-manual electric organ, five hours per week, per quarter	\$10.00
Kimball Pipe Organ (Advanced Students only), five hours per week, per quarter	20.00
Combination Rate, 4 hours on Orgatron, 1 hour on Pipe Organ	12.50
Piano rental, five hours per week, per quarter	3.00
Piano rental, ten hours per week, per quarter	5.00
Practice room—no piano—five hours per week, per quarter	2.00
Orchestra, Band, or Chorus, for those not receiving credit	1.00
A Cappella, for those not receiving credit	5.00
Rental Charge for band and orchestra instruments when furnished by the college, per quarter	4.00

Practice facilities are available to SPC music students only.

ESTIMATED EXPENSES FOR ONE QUARTER

The following is an estimate of the total regular expenses for one quarter at Seattle Pacific College. (Three quarters make a regular school year.)

For Dormitory Students

Tuition	\$170.00
General Fee	30.00
Board and Room (Full meal ticket)	185.00
Estimated total for one quarter	\$385.00

For Non-Dormitory Students:

Tuition	\$170.00
General Fee	30.00
Estimated total for one quarter	\$200.00

The estimated expenses for the regular school year would be three times these amounts or approximately \$1,155.00 for dormitory students and \$600.00 for non-dormitory students.

Many dormitory students may earn a considerable portion of their dormitory expense by part-time work at the college. The regular rate of pay is 85 cents per hour.

These estimates, of course, do not include the matriculation fee, extra charges for private lessons, books, nor items of a personal nature.

SCHOLARSHIPS AND LOANS

In order to bring to Seattle Pacific College young men and women of splendid character who have excelled in scholarship and in extra-curricular performance, the College is offering a number of attractive scholarships, the description of which will follow. It is expected that all students accepting scholarships of any kind will endeavor earnestly to be effective as leaders in word and example in upholding and promoting the high ideals and standards of conduct for which the college stands. Every scholarship carries with it an obligation of loyalty and cooperation. It is expected that each recipient will plan to complete his college work at Seattle Pacific.

Scholarship recipients, unless married, whose homes are not in Seattle, must live in the college residence halls. All scholarship recipients must carry at least twelve hours of regular class work. Grants will not apply for any quarter in which the class load falls below this amount.

Freshman Scholarships. A modest number of scholarships in the amount of \$450.00 each are offered to high school graduates in Washington, Oregon, Idaho, Montana, British Columbia, Alberta, Alaska and, with certain reservations, elsewhere.

Accredited high schools in this area with enrollments above five hundred are permitted to name their own scholarship students.

Each Seattle high school is awarded two such Freshman scholarships and the principals are permitted to name the students selected for these awards in harmony with the provisions set up by the College.

All other high schools with enrollments above five hundred are awarded one Freshman scholarship, the selection of the recipient being left with the principal in each case.

Freshman scholarships are also available to graduates from accredited high schools with enrollments below five hundred. These scholarships are granted on a competitive basis, selection being made by the Scholarship Committee of Seattle Pacific. Special application blanks must be submitted. These blanks are provided by the College and may be obtained upon request.

All applications, together with two personal references and a transcript of the high school record, should be in the hands of the Scholarship Committee not later than May 15 of each year. Each scholarship will apply toward tuition only in any regular department of Seattle Pacific College and will be credited to the student's account at the rate of \$75.00 per quarter for six quarters during the two calendar years immediately after the scholarship is granted, with the proviso that the scholarship continues in force during the sophomore year only if the recipient maintains a grade score of 2.25 or better during the freshman year. On the other hand, if the recipient, upon completing the sophomore year has a grade score of 3.00 (average grade of "B") he is eligible to apply for the continuance of the scholarship through the junior year.

To be eligible for a Freshman scholarship the candidate must meet the following requirements:

1. Be a professing Christian.
2. Have shown definite leadership ability both in school and church.
3. Be in the upper tenth of his high school graduating class in scholarship.
4. Be willing to assume some "Honor Responsibility" in extra-curricular or co-curricular activities such as music, athletics, social life, student publications, club activities, gospel team work, and the like.
5. Meet the regular Seattle Pacific College admission requirements.
6. *Unless married, or unless living at home in Seattle, recipients must live in the college residence halls.*

Junior College Scholarships. For some years Seattle Pacific College has been offering two scholarships to the graduates of each of the junior colleges sponsored by the Free Methodist Church. These include Wessington Springs College, Central College, Spring Arbor Junior College, Lorne Park College at Port Credit, Ontario, and the Moose Jaw College at Moose Jaw, Saskatchewan.

These scholarships amount to \$600.00 each to be applied toward tuition for regular work in any department at Seattle Pacific College at the rate of \$100.00 per quarter for six quarters, with the proviso that the scholarship continues during the senior year only if the recipient maintains a grade score of 3.00 (average grade of "B") or better during the junior year. To be considered, candidates must be in the upper fourth of their junior college or Bible school graduating class in scholarship. These scholarships are awarded by the faculties of the respective schools.

In addition to these, one scholarship in the amount of \$300.00 is offered annually to each of the accredited public Junior Colleges in the Northwest.

These Junior College scholarships will apply toward tuition only and will be credited to the student's account at the rate of \$100.00 per quarter for three quarters during the calendar year just following the award. These scholarships are awarded by the faculties of the respective Junior Colleges in harmony with the following requirements.

To be eligible the candidate must:

1. Be a professing Christian.
2. Have shown definite leadership ability both in school and church.
3. Be in the upper fourth of his Junior College graduating class in scholarship.
4. Be willing to assume some "Honor Responsibility" in extra-curricular or co-curricular activities such as music, athletics, social life, student publications, club activities, gospel team work, or the like.
5. Meet the regular Seattle Pacific College admission requirements.
6. *Live in the college residence halls, unless married.*

Upper Division Scholarships. Because of the investment in Seattle Pacific College of definite funds by the Free Methodist Church, and the desire of the College to make its facilities available to the young people of the church, a limited number of scholarships known as Upper Division Scholarships are available to eligible individuals living outside the Pacific Northwest. These scholarships amount to \$450.00 each to be applied toward tuition for regular work in any department at Seattle Pacific College at the rate of \$75.00 per quarter for six quarters, with the proviso that the scholarship continues in force through the senior year only if the recipient maintains a grade score of 2.50 or better during the junior year. Further information and blanks may be obtained by writing the Scholarship Committee, Seattle Pacific College. The awards are made by this Committee. To be eligible for an Upper Division Scholarship the candidate must:

1. Be an active member of the Free Methodist Church.
2. Have completed two or more years of college work in an acceptable institution of higher learning (not including Seattle Pacific).
3. Have demonstrated qualities of Christian leadership.
4. Have earned a grade score of 2.50 or better in his previous college work.
5. Be willing to assume some "Honor Responsibility" in extra-curricular or co-curricular activities such as music, athletics, student publications, social life, gospel team work, or the like.
6. *Live in the college residence halls, unless married.*

One-Year Service Scholarships. Fifteen scholarships in the amount of \$225.00 are available to students who have demonstrated exceptional ability and achievement in one of more fields of endeavor, extra-curricular or co-curricular, such as music, church leadership, student publications, scientific research, and the like. Candidates for these scholarships are named by the Scholarship Committee of the college following recommendations from the Seattle Pacific College faculty sponsor for the department concerned. As a rule, persons other than the candidate are expected to make the initial move. In view of this, students who feel they have exceptional ability along a given line should ask a teacher, pastor, or other authority to write a recommendation.

These \$225.00 scholarships will apply toward tuition only in any regular department of the College and will be credited to the student's account at the rate of \$75.00 per quarter for three quarters in any calendar year.

To be eligible for a one-year service scholarship, the candidate must meet the following requirements:

1. Be a professing Christian.
2. Have shown *exceptional ability* in one or more fields of endeavor.
3. Be willing to render each quarter such detailed services as may be specified by the faculty sponsor concerned.
4. Freshmen must have made in High School a grade score of at least 2.50.
5. Sophomores, Juniors and Seniors must have made in previous college work a grade score of at least 2.25.
6. Meet the regular college admission requirements.
7. *Live in the college residence halls, unless married or unless living at home in Seattle.*

Alumni Scholarships. The Alumni Association, through special invested endowment funds, together with the cooperation of the College, now provides for one scholarship each year in the amount of \$150.00. This scholarship is given on the basis of need, scholarship, and general merit. Applications must be in the hands of the Executive Secretary of the Alumni Association by May 1 previous to the year the scholarship is to be used. Announcement of the successful candidate is made at the Annual Alumni meeting which is held during Commencement Week. This scholarship of \$150.00 is credited to the student's account at the rate of \$50.00 per quarter for three quarters during the calendar year immediately following the award.

The Clyde and Mary Fite Memorial Scholarship. This scholarship established by Dr. Gilbert C. Fite in memory of his parents, is a yearly award of \$150.00 to an outstanding senior in any field of study, selected on the basis of need, character, leadership,

and unusual promise of professional growth. Special consideration is given to students preparing for Christian service. Application should be made to the Scholarship Committee by May 1 of the preceding year. Application forms are available on request from the Chairman of the Scholarship Committee.

The Crown Zellerbach Scholarship is a grant of \$1,000 provided by the Crown Zellerbach Foundation for award to a junior or senior student in the field of the physical sciences, the social sciences or education. The student, selected by the Scholarship Committee of the College, receives \$600 of the amount; a matching fund is given to the school for operational expenses not covered by tuition.

Foreign Student Scholarships. Twelve scholarships of \$225.00 each are available to students of foreign lands who have a working knowledge of the English language and who show exceptional promise. This amount will be credited on tuition at the rate of \$75.00 per quarter. Applications should be in at least three months before the opening of the quarter in which the student wishes to enroll.

Recipients, unless married, must live in the college residence halls.

NATIONAL DEFENSE STUDENT LOAN PROGRAM

The Fund. The National Defense Education Act of 1958 ushered in a new day of opportunity for the young person of limited means who wishes to go to college. Needy students are now able to secure up to \$1,000 a year in long-term loans at very reasonable rates from a federal loan fund established at the college.

Eligibility. The law requires a borrower to be a full-time student in good standing, and that he be financially needy as determined by the income and resources of the applicant and his family. Though others may be eligible, special consideration must be given to superior students who are preparing to teach, and to students who show superior competence in science, mathematics, engineering, or modern foreign languages.

Terms. Repayment may be spread over a period of 10 years, beginning 1 year after the borrower ceases to be a full-time student. Interest begins at this time at the modest rate of 3%. If the borrower enters public elementary or secondary teaching, provision is made for cancellation up to 50% of the loan at the rate of 10% a year up to 5 years. In the event of death or total disability, all obligation to repay is cancelled.

Application. Application should be made to the Bursar of the College. Recipients of loans are selected by the College through its National Defense Student Loan Committee.

MINISTERIAL DISCOUNT

Provision is made to assist ministerial students and certain other students through what is known as the Ministerial Discount. Candidates who are eligible to such discount are as follows:

- (1) Students who have declared their intention of preparing themselves for the ministry or other forms of full-time Christian service, provided they possess a local preacher's license or its equivalent in current standing, 25 per cent of tuition.
- (2) Unmarried dependent children of ministers in active service, superannuated, or deceased, 25 per cent of tuition.
- (3) Ordained ministers, or unordained ministers holding pastorates, 25 per cent of tuition.
- (4) Missionaries on furlough or the children of missionaries in active service or on furlough with salary, 50 per cent of tuition for the first year of school after return from the field, and 25 per cent of tuition for subsequent years.

The above regulations shall apply without distinction to ministers and missionaries of all evangelical denominations. The term "tuition" shall be interpreted in this connection to mean all amounts charged for instructional purposes in any field except private instruction in music, speech, or art.

In the event a student is entitled to a discount and also receives one or more scholarship awards, they are not cumulative. The student has his choice of one and only one such benefit.

MILEAGE

Many students come to Seattle Pacific College from distant parts of the United States and from foreign countries. Under the conditions stated below, assistance is sometimes given these students because of their added travel expense.

This assistance is limited to upper division and graduate students, for Seattle Pacific does not enter into competition with the junior colleges with which it is affiliated. It is available also only to students who live in one of the dormitories or college residence units and is allowed but once.

This allowance is never retroactive and is made only for the current year on the basis of written request by the student and approval by the Bursar. It amounts to three cents per mile for the distance in excess of five hundred miles by most direct route from the student's home to Seattle. The maximum allowance is \$75.00. Mileage is applied on the student's tuition, one-third to each quarter, during the school year.

WORK OPPORTUNITIES

Work Opportunities on the Campus

In order to keep the net student charges as low as possible, Seattle Pacific College attempts to furnish dormitory students who wish such assistance with at least seven hours of work per week. This makes the average net cash cost for board and room only about \$125.00 per quarter. Such an arrangement cares for a large portion of the detailed maintenance work in and about the school. If the need is serious, the school, insofar as possible, will give further opportunity for work so as to provide additional help. The regular rate of pay for student labor is 85 cents per hour. Last year the college paid students more than \$130,000 for part time work.

In general it is not necessary for a student to make application in advance for specific work. Those who wish work assignments of a special nature should plan to be at school a day or so before the official registration day. This will make it possible to have a conference with the Director of Student Labor in regard to the total amount and type of work which may be assigned.

For the interest of those who are not familiar with the types of work which are available, the following list will be of value.

- (1) Many students work in the college cafeteria. There is a wide variety of jobs here.
- (2) A few are needed in the Snack Room working at the soda fountain or preparing light lunches.
- (3) Some students aid in doing the laundry work for the college cafeteria, kitchen, physical education classes and Health Service.
- (4) Much of the janitorial work of the school is done by students under the supervision of the Superintendent of Buildings and Grounds.
- (5) Campus and repair work gives several young men with special training opportunity for landscaping, carpentering, painting, and other lines of construction and repair work.
- (6) Secretarial and office work constitutes a further line of activity for those with special training. As a rule the school cannot give such work to everyone who has had secretarial training. At the same time, there is always opportunity in this line of work for those with extensive training who have had practical experience.

- (7) The library makes use of eight to twelve student helpers.
- (8) Student laboratory assistants are chosen by the respective departments. Usually it is necessary for a student to have attended a year or more before receiving such an appointment.
- (9) The music department in its field of activity, particularly with the leading quartets and as accompanists, provides opportunity for students with specialized training to receive desirable employment.
- (10) There are positions available in the Health Service every year for registered nurses. Application should be made to the Director of Health Services.

If it is necessary to earn a substantial portion of one's expenses, the student will not be allowed to carry a full academic load. A reduced academic load is required of those who must work more than 14 hours per week unless special arrangements are made with the Dean.

Work Opportunities Off the Campus

Seattle offers many opportunities for students who must earn a portion of their expense while in attendance at Seattle Pacific College. Because of its favorable position as one of the nation's leading ports on the Pacific and the abundance of its cheap hydro-electric power, Seattle is destined to undergo even greater growth than in the past. This promises a great industrial expansion with large work opportunities for years to come.

A large variety of occupations is open to college students who wish part-time work. The prevailing wages off the campus are in general somewhat higher than those paid by the college.

By making satisfactory arrangements with the Director of Guidance or the Dean of Women, students living in dormitories have the privilege of working off campus in some of these various activities.

TEXT BOOKS AND SCHOOL SUPPLIES

Students provide their own books and stationery. A College Book Store is maintained on the campus under the supervision of the school. Books are provided at the publisher's regular rates. The cost of the books varies from about \$50.00 to \$75.00 per year.

ACADEMIC INFORMATION

ADMISSION

General Requirements for Admission

General Statement. The Admissions Committee judges the fitness of applicants for admission on the basis of high school grades, and written recommendations from school authorities and others acquainted with the candidate and, when possible, by personal interviews. Character, scholarship, ideals, health, and general promise of future success are given consideration.

Scholarship. Students entering from high school must present credentials showing that they have completed at least 16 units with an average grade of "C" or better in the academic units. The recommended academic units are listed below. Students entering from another institution of higher learning must present credentials showing at least a "C" average in all work previously taken.

Character. Building of Christian character is the first aim and responsibility of Seattle Pacific College. The building of character, however, is a cooperative task. For this reason only those students will be admitted to Seattle Pacific College whose past record indicates that they have an interest in character building.

High School Graduation Diploma. From the academic point of view a student meets the entrance requirements who presents a certificate of graduation from an accredited high school. Since some departments at Seattle Pacific College, such as Nursing, Engineering and Science, require certain specific subjects, the college strongly recommends that every entering student present the following entrance credits:

English	3 units
Algebra	1 "
Geometry (or a 2nd year of Math beyond Algebra II).....	1 "
One Foreign Language.....	2 "
Social Studies (inc. 1 unit of American History and/or Go'vt.).....	2 "
Laboratory Science.....	1 "

If the student has failed to take any of the above courses, except mathematics, they can be made up *with credit* after enrolling here. No advanced standing, however, will be allowed on the basis of any work done in high school except that validated by examinations given at Seattle Pacific by the department of instruction concerned. Such examinations must be taken not later than the first quarter in attendance.

College Entrance Examinations. Students who are unable to present a certificate of graduation from an accredited high school may be admitted on the basis of satisfactorily passing the College Entrance Board Examinations. These are not administered by the college itself. The College Entrance Board arranges for the examinations to be given several times each year at various centers throughout the country. For information write the College Entrance Examination Board, P. O. Box 27896, Los Angeles 27, California.

Foreign students who apply for admission must be proficient in the use of the English language and must have a grade average equivalent to a "B" in the grading system used in this college. Usually graduates of high schools in those countries where the school system provides for less than twelve years of instruction before college are requested to take at least twelve years of schooling in their own country before being admitted to Seattle Pacific College. By special action students can be admitted from some countries and provinces at the end of the eleventh year, if their marks are very high in the 9th, 10th and 11th years of schooling.

Admission to the Freshman Class

Students desiring admission to the Freshman Class at Seattle Pacific College must submit a formal application for admission, including statements regarding personal habits,

biographical information, health, educational attainments, and at least two character references who are not related to the applicant. An official application blank may be obtained by writing to the Registrar, Seattle Pacific College, Seattle 99, Washington.

Upon receipt of the application, the Registrar will write for recommendations and the high school transcript. Applicants who have attended another college previously should ask the Registrar of that school to send a transcript of credits earned and a statement of honorable dismissal.

Students residing within a reasonable distance of Seattle are urged to come to the campus for a personal interview with a member of the Admissions and Curriculum Committee. Upon receipt of the above mentioned credentials and in the light of any such personal interview, the student will be advised whether or not he will be admitted. Normally, the candidate should place his application at least four weeks in advance of the registration date.

Admission to Advanced Standing

General Instructions to all Transfer Students. Students desiring to transfer to Seattle Pacific College from any other institution must show at least a "C" average in all of their previous work and must follow the same procedure regarding application for admission as is required of entering freshmen. Advanced standing will be determined upon the basis of the accreditation of the institution previously attended, the credentials submitted by the candidate and recommendations by the Admissions and Curriculum Committee at the time of entrance and subsequently. In every case, however, the following conditions obtain:

- a. At no time will a transfer student be admitted until he presents evidence of honorable dismissal from the institution last attended.
- b. In order to transfer to S. P. C., a student must be eligible to continue in the college department or specialized program in which he has begun study, even when that department or program requires a standard above a 2.00 grade point average.
- c. No student will be permitted to enroll until his official transcript has been received, except in rare instances and then only provisionally.
- d. The average grade for all advanced standing allowed from each school must be "C" or better. This means that for every grade of "D" which is accepted there must be another grade of at least "B" or its equivalent for an equal number of credits.
- e. A total of 30 quarter credits earned by extension and/or correspondence, of which not more than 15 can be by correspondence, may be allowed toward a degree at Seattle Pacific. No correspondence credit with less than a "B" grade will be accepted.

1. *From Accredited Four-Year Colleges.* Students transferring from a college or university which is a member of a regional accrediting association or is fully approved by its own state university or by the New York State Board of Regents are allowed full credit for the work taken in such institutions, provided the subjects are such as will apply toward the student's course at Seattle Pacific, subject to the above limitation regarding the transfer of credits with a "D" grade.

2. *From Accredited Junior Colleges.* Students transferring from a junior college which is a member of a regional accrediting association or is fully approved by its own state university or by the New York State Board of Regents are allowed full credit up to a maximum of 96 quarter (64 semester credits) including physical education, subject to the general limitation regarding the transfer of credits with a "D" grade, with two provisos: (a) the subjects for which credit is asked must be such as will apply toward the student's course at Seattle Pacific and, (b) any deficiencies shown on the transcript with regard to lower division requirements at Seattle Pacific College must be met here unless satisfactory substitutions are approved by the Academic Affairs Committee.

3. *From Unaccredited Collegiate Institutions.* Students transferring from colleges or junior colleges which are not fully accredited at least by their own state universities, will be given consideration as follows:

- a. In every case such student will receive advanced standing here, subject to the limitations stated above regarding the transfer of credits with a "D" grade, to the full extent of whatever rating the school concerned has with its own state university.
- b. If the school has no rating with its own state university, the Admissions Committee will make a preliminary evaluation of the transcript. This will take into account the character of work done here in the past by students from that institution, the character of the credits and grades earned in courses in the contemplated academic major. Following this study, the student will be given a tentative statement regarding the probable minimum time which would be required to complete requirements for a baccalaureate degree from this college.

In all instances when it is impossible to give full transfer credit on the basis of a transcript of record, the student, after he has done one or more quarters of work at Seattle Pacific College, may request the Admissions and Advanced Standing Committee to make a further study of his transcript with the thought of allowing further advanced credit.

4. *From Bible Colleges and from Bible Institutes.* Since Seattle Pacific College is a Christian College which offers academic majors in Biblical Literature, Missions and Christian Education, it is in position to cooperate fully with transfer students and graduates from approved Bible schools, especially those which are members of the Accrediting Association of Bible Colleges.

Frequently Bible schools do not lay as broad a foundation in the humanities, social sciences and natural sciences as that required at Seattle Pacific College during the Freshman and Sophomore years. As a result a rather difficult curricular problem sometimes arises regarding the transfer of credit and its articulation with the standard collegiate pattern of study. Notwithstanding this, Seattle Pacific is ready to go to unusual lengths in its effort to give a transfer student the maximum advantage possible which is consistent with accepted standards of a liberal arts college. At the time of transfer, a tentative evaluation is made. After three quarters in attendance the evaluation is reviewed and finalized in the light of the record established. Then during a student's last quarter in attendance prior to his graduation from S. P. C., the credit is posted on his permanent record.

There is no set percentage of credits that can be transferred. The amount allowable very likely will be different in each case for it will be determined by four variable factors. These are:

- (1) The kinds of courses presented for transfer.
- (2) The marks earned in the different kinds of courses taken.
- (3) The course of study to be pursued at S. P. C.
- (4) The academic record established here during the first three quarters of full-time study.

To obtain specific information about the transfer of credits, the prospective student should have a transcript of his record sent to the Registrar and request that an evaluation be made.

Admission to Graduate Standing

- a. *Graduates from Seattle Pacific College* may be matriculated as graduate students upon submitting a special application form provided for them.
- b. *Graduates from other approved colleges* must follow essentially the same procedure for admission as that followed by an undergraduate student transferring from another college. This involves making application on the form provided and meeting the regular scholarship and character standards of admission.
- c. *For admission to candidacy for the Master's Degree* refer elsewhere in the catalog to the "Graduate School."

Application for Re-Admission

Former students of S. P. C. who have not been enrolled here within one calendar year prior to the quarter they desire to re-enter will apply for re-admission on forms available at the Registrar's office. If anyone has attended another educational institution since he was last at S. P. C., a transcript of his record in that school must be presented. His

re-admission will then be governed by the policies regulating the admission of transfer students. Any student who did not enroll for the quarter to which he was admitted must re-apply and have a transcript of his record sent from any school he may have attended since he was first admitted.

EDUCATIONAL BENEFITS FOR VETERANS

Transfer of Credit

Eight quarter hours of credit in physical education and hygiene will be granted to all who have completed basic training in any of the branches of the armed forces, providing the veteran has not already received credit for these courses. Additional credit will be granted for educational courses taken while in the service according to the schedule of evaluations recommended by the American Council on Education. Credit is given for U.S.A.F.I. courses if such are taken as regular correspondence work from some accredited college or university. The maximum is 15 credits, of only "B" grade work.

Korean Veterans (P.L. 550 and P.L. 894)

Seattle Pacific College has a contract with the Veterans Administration to provide training for veterans under the Korean Bill. A Korean veteran should consider his course very carefully before he makes an application to the Veterans Administration for the certificate of education and training. The ultimate goal must be stated on the application for the certificate and only one change of course is allowed. The veteran first makes application to the Veterans Administration. If it is approved, that office sends the certificate for education and training to both the veteran and the college. The college enrolls the veteran with the Administration and thereafter allowance payments are made directly to the veteran by the Veterans Administration upon their receipt of a monthly attendance certificate submitted by the veteran through the college.

STUDENT STATUS

Regular Students—all students who have met the full requirements for admission.

Special Students—mature students over twenty-one years of age, who have met the character standards for admission but are unable to meet the academic requirements for admission from high school, yet because of some special interest and proven academic ability have been permitted to enter classes. Such students will not be considered as candidates for a degree or teacher's certificate until they meet the usual entrance requirements. If and when they do, credits already earned may apply toward degree requirements only upon recommendation of department heads and approval of the Academic Affairs Committee.

Unclassified Students—those students, as a rule transferring from other institutions, whose advanced standing is still in doubt. For social purposes, the Registrar may assign such students to regular classes.

Transient Students—students of other colleges who wish to register at Seattle Pacific with the intention of transferring credit earned here back to their own colleges. For admission, such students will submit the regular application form, must meet the character standards for admission, must be academically eligible to enter, and must request their last college to send to the Registrar a statement of good standing.

Auditors—persons who wish to attend classes but who do not desire credit. With the approval of the Dean of Instruction and the instructor involved, they may register in non-activity and non-laboratory courses or in the lecture part of laboratory courses. They may neither participate in class discussions nor take any examinations. They may do daily assignments if they wish, but the instructor is under no obligation to read or correct them. Students who are unable to stay in school because of low grades and new applicants who do not qualify for admission may not register as auditors. A student may receive credit for an audited course only by enrolling in it as a regular student in a subsequent quarter.

FRESHMAN ORIENTATION

Entering college is a major step in a person's life. Showing their warm, personal concern for each individual student, the faculty of Seattle Pacific has organized a full calendar of activities and programs especially designed to help new college students make a pleasant and effective adjustment at the very beginning of their college career. "Freshman-week" activities begin with an Orientation Retreat for the men and for the women. Held at S. P. C.'s Camp Casey, on Whidbey Island, during the week prior to registration, these retreats are designed to help the students become better acquainted with the college, the teachers and with other students. Dates and other details are given in the calendar in the front of the catalog.

For purposes of guidance in the selection of courses in which to register, a series of placement tests is given on Monday and Tuesday of the first week on campus to all students who have not taken the Washington Pre-college Guidance Tests. Those who have already taken these tests will participate in other announced activities provided for them.

Appropriate social events are planned especially for all new students who live in the city as well as on campus. On Monday evening a "get-acquainted" party is held in the Pavilion. Tuesday evening, a more formal program presents "S. P. C. in Revue." During this hour and a half the new students are made acquainted with student government and are introduced to the many clubs, special interest groups, and interesting activities in which they may participate throughout the year.

On Wednesday, the Freshmen register for their classes; however, they may complete two steps of the procedure ahead of time by having their picture taken and having their medical exam, including an X-ray, on Monday or Tuesday. Wednesday is the opening Vesper Service. Although classes begin at 8:00 a.m. on Thursday, the formal opening of the year is at 9:30. Known as the Fall Convocation, this program features the faculty in their academic dress and sets the tone of academic plans and spiritual anticipation for the year.

The final activity of "Freshman-week" is the Annual Trek to Lincoln Park on Friday afternoon. Travelling across the city in cars and chartered buses, the faculty and students, both new and former, join in many types of group activities at the park. In honor of the freshmen, a picnic supper is served by one of the classes in the early evening on the beach. The activities of the day then close with a variety type program of entertainment and devotion arranged by the seniors.

REGISTRATION

Date and Procedure

Dates. For the Autumn Quarter, registration is held on Monday, Tuesday, and Wednesday of the first week, with Sophomores, Juniors and Seniors registering the first two days and the Freshmen registering on Wednesday. Pre-registration for the Winter, Spring and Summer Quarters by students already enrolled is conducted four to five weeks before the close of the previous quarter. Registration of new students for these quarters is usually conducted the Saturday before classes begin. Exact dates and hours are listed in the official calendar at the front of the catalog.

Procedure. Registration begins at the Registrar's Office in Peterson Hall, or at a place designated by the registrar. After obtaining registration materials, students confer with advisers, who have been assigned by the Dean of Students, about the selection of courses and the arrangement of a schedule. After materials have been checked by the Registrar's Office and the schedule approved by the Dean of Instruction, the Bursar figures the fees and other costs, and financial arrangements are then made in the Business Office. Students are not allowed to attend classes until this final step in registration, financial arrangements, has been completed.

All new students and all former students who have not attended Seattle Pacific College within the preceding calendar year, must take a medical examination including a chest X-ray. Certificates from other physicians will not be accepted in lieu of this examination which is given without charge when taken at the scheduled time. An annual chest X-ray is required of all students.

Changes in Registration

When a student has completed his registration, his choice of courses is expected to be permanent. Any change in a student's registration after that time should be referred to the Registrar. Such changes as involve the entrance of the student in new courses will not be permitted after the student's registration is completed unless the written consent of the Registrar and the instructors involved is obtained. Blanks for this purpose may be obtained at the Registrar's office. If such change is permitted after the first Saturday of a quarter the student may be asked to reduce his load. *In no case will students be permitted to change their registration to new courses after the first full week of the quarter.*

Late Registration

All students are urged to be present and register on the days provided in the Calendar for registration purposes. A late registration fee (one dollar per day up to a maximum of three dollars) is charged each student who registers after the regular registration period. No registrations for regular class work are accepted after the first Saturday in a quarter except by the consent of the Registrar or the Admissions Committee. *In no case are students permitted to register for credit in any course after the first full week of the quarter.*

Schedule of Classes

Classes are arranged in seven fifty-minute periods beginning at 8:00 a.m. With ten minutes between periods and one-half hour for assembly at ten o'clock very morning, the four morning periods end at 12:30 p.m. After lunch, the fifth period convenes at 1:30 p.m. and the seventh period then ends at 4:20. The student arranges his schedule according to the times courses are offered and the demands of his own program.

Some courses are taught in the evening. Usually meeting once a week, they may begin at 6:30 or 7:00 p.m., and run to 8:30 or 9:30, depending on the number of credits each carries. Those interested in evening classes only may write for a special bulletin.

Withdrawal from Courses

A student who desires to withdraw from any course must first secure the approval of the Registrar, the instructor concerned, and his advisor; otherwise, he will be credited with either an "E" (failure) or a "UW" (Unofficial Withdrawal), depending on whether he was doing failing or passing work at the time of the withdrawal. Blanks for this purpose are available at the Registrar's office. Students who withdraw from courses during the first four weeks of the quarter and secure permission to do so as outlined above will be credited with a "W" in the courses from which they are withdrawing. After four weeks such grade can be obtained when dropping a subject only when the student, at that time, is doing passing work and secures permission as described above, or unless the Dean of Men or the Dean of Women recommends otherwise because of illness. In all other cases the grade when a subject is dropped is either "UW" or "E."

SCHOLASTIC STANDARDS

General Statement. Seattle Pacific College seeks to promote a sincere regard for genuinely scholarly work on the part of all students. The Committee on Academic Affairs has the immediate direction of all matters pertaining to this work and is responsible to the faculty for maintenance of proper scholarship standards.

Earnest application to the academic program is expected from every student. The minimum qualification for graduation is a grade average of "C" (2.00) in all work taken, not including more than 6 P. E. activity credits, except in the case of P. E. majors, but including a total of at least 186 credits.

Credit. The term *credit* as used in this catalog is the unit of measure for class work. One credit signifies the value toward graduation, if satisfactorily completed, of a class meeting fifty minutes each week for a quarter of approximately twelve weeks. Two (and sometimes three) fifty-minute periods of laboratory work are required to be equivalent to one such period of regular class work. This is known as a "quarter" credit and is equal to two-thirds of a "semester" credit. (For instance, 45 quarter credits are equivalent to 30 semester credits.)

Academic Load. The term *academic load* refers to the schedule of studies for which the student is registered.

Twelve to sixteen credits exclusive of Physical Education Activity are said to be the regular academic load.

By special permission from the Dean, students who maintain a high scholarship standard may be permitted to carry as high as nineteen credits. *Under no condition will a student be allowed to carry more than twenty credits including Physical Education and all fractional credits.* Work taken concurrently by correspondence, extension, or in another institution or in non-credit courses in order to meet departmental or entrance requirements shall count as part of the academic load.

Eligibility. A student who carries less than the regular academic load is not eligible to be rated for scholarship honors, nor is he eligible to participate in intercollegiate activities. To participate in such an activity, a student must maintain a cumulative grade point average of at least 1.75 or better, and also must have earned a grade point average of at least 1.75 during the last quarter in attendance prior to the quarter in which he expects to participate in an activity.

Reduction of Load. A student's academic load is subject to reduction by the Dean for either low scholarship or excess work outside of school hours. The following regulations have been adopted by the faculty as governing the relationship between the student's academic load and his outside work.

Outside Work Allowable

	<i>Academic Load</i>
Fourteen hours or less per week.....	15 to 17 credits
Above fourteen hours but not more than twenty.....	12 to 14 credits
Above twenty hours but not more than thirty.....	10 to 12 credits
Above thirty hours.....	6 to 10 credits

GRADING SYSTEM

The work of the student is graded on the following basis:

<i>Grade</i>	<i>Explanation</i>	<i>Grade Points</i>
A	Superior	4
B	Above Average	3
C	Average	2
D	Passing	1
E	Failure	0
W	Withdrawal	0
UW	Unofficial Withdrawal	0
I	Incomplete	0
S	Satisfactory	*
N	Satisfactory (Graduate Course)	0

* Grade points of "S" are determined by the grade point average for other academic work taken during the same quarter.

The grade "E" means a final failure in the course and can be removed only by reregistration for and satisfactory completion of the course concerned.

The grade "S" is used for the satisfactory completion of such courses as Oratorio, State Manual, and others.

The grade "N" is used in a graduate course in which the grade is dependent upon additional work. This grade indicates that the work is satisfactory to date but carries with it no credit or grade until the entire course is complete.

The grade "I" indicates that the student did not complete the work assigned for the course because of absence from school during the quarter due to illness or any other accepted emergency. If the period of absence is longer than two weeks this grade can be given only by joint action of the Dean and the teachers involved. When such grade is given the

work must be made up and the final examination taken by the end of the first eight weeks of the next quarter in which the student is enrolled. Otherwise the grade automatically becomes an "E." A fee of \$1.00 is required for the removal of each "I." Blanks authorizing special examinations and removal of incompletes are to be obtained in the Registrar's office.

Students who have received a grade of "D" or "E" may repeat the course in which this grade was earned, or may arrange with the Dean of Instruction and the head of the department involved to take an equivalent course in its place, if the original course is no longer offered. In such cases the grade received the second time, either in the repeated or substituted course, shall be the one counted in computing the average grade score required for graduation. For the purpose of determining college honors, only the grade received the first time will be counted.

Final examinations are required in all courses except those in Directed Teaching. No student whose work is incomplete is allowed to take the final examination. (This means no student may be given the grade "I" in any course in which he has taken the final examination.) Teachers are not allowed to give the final examination to students in any course prior to the time of the scheduled final examination for the entire class in any such course.

Grade Point Average. The average known as the grade score of a student is determined by dividing the total number of grade points earned by the student during a given period by the total number of credits in which the student was enrolled and received a regular grade during the same period.

Except in cases of clerical error, no instructor may change a grade which he has submitted to the Registrar's office.

HONORS

Individual Honors

Students carrying a regular academic load (12 credits or more) and making a grade score of 3.60 to 4.00 with no grade below "C" will earn "high honors" for the given quarter or year. Students making a grade score of 3.25 to 3.59 will earn "honors" for the given quarter or year.

Graduation Honors

The baccalaureate degree will be conferred "cum laude" upon students whose grade score for the entire course is 3.25 but less than 3.60; "magna cum laude" upon students whose grade score for the entire course is 3.60 but less than 3.90. Those whose grade score is 3.90 or above for the entire course will receive their degree "summa cum laude." To be eligible for any of these honors, a student must have done his upper division work in Seattle Pacific College, and both his entire S. P. C. record, and, within that, his last year's work must be up to the minimum grade score necessary for the honor he is to receive.

Alpha Kappa Sigma

Students making an outstanding contribution in upholding and promoting the standards and ideals of the College and showing an enthusiasm for good scholarship, character development, and extra-curricular activities may be eligible to election to the honor society, Alpha Kappa Sigma. Candidates are chosen each year from the senior class only. Alpha Kappa Sigma is the highest honor to which a student of Seattle Pacific College may be elected.

CLASSIFICATION OF STUDENTS

For convenience in organization, students are classified at the beginning of each quarter according to the following arrangement. (Physical Education included in each case):

Freshmen—Students having less than 45 credits or 90 grade points.

Sophomores—Students having at least 45 credits and 90 grade points.

Juniors—Students having at least 90 credits and 180 grade points.

Seniors—Students having at least 135 credits and 270 grade points. (Being given senior status does not necessarily insure graduation with that class.)

Fifth Year Students—All students who have received the B.A., B.S., or B.A. in Ed. Degree, but who have not applied for admission to Graduate School. This includes those completing requirements for a second degree, those who are doing what is usually known as post-graduate work, and most graduates who are working on teachers certification, but who have not applied for admission to Graduate School. Graduates holding professional baccalaureate degrees who are working toward their first certification may be classed as seniors or advanced juniors.

Graduate Students—All students who have been admitted, on the basis of direct application, to the Graduate School, either with provisional or clear status.

AREAS OF INSTRUCTION

The various departments of the college have been grouped into "Areas of Instruction" so that each area includes departments which are related. The "M" following a department indicates that a major is offered in that department.

I. LANGUAGE ARTS

English, M
French, M
German
Greek, M

Journalism
Latin, M
Spanish, M
Speech, M

II. FINE AND APPLIED ARTS

Applied Music, M (Organ, Piano, Violin,
Viola, Voice, Wind Instruments)
Church Music, M
Music Education, M
Music Theory and Literature, M

Art, M
Commercial
Home Economics, M

III. SOCIAL STUDIES

Anthropology
Economics and Business, M
History, M

Political Science, M
Sociology, M

IV. SCIENCES AND MATHEMATICS

Botany
Chemistry, M
Engineering
Engineering Physics, M
Home Economics, M
Mathematics, M

Microbiology and Public
Health, M
Physics, M
Zoology, M

V. HEALTH AND PHYSICAL EDUCATION

Nursing Education, M

Physical Education, M

VI. EDUCATION AND PSYCHOLOGY

Education (See B.A. in Ed. Degree)

Psychology, M

VII. PHILOSOPHY AND RELIGION

Biblical Literature, M
Christian Education, M

Missions, M
Philosophy, M

MAJORS

Majors Required for the Baccalaureate Degree. In general, the college provides for two types of undergraduate majors.

A. A *Department Major* (required for the B.A. and B.S. degrees) is defined as at least 36 credits in a single department, with five stipulations:

1. A major may be earned in any department marked with an "M."

2. Most departments require more than the minimum of 36 credits. In such cases, the student must fully satisfy the requirements of the major department as to the number of credits and prescribed courses.
 3. Of the 36 or more credits offered as a department major, at least 18 credits must be in courses numbered 300 and above. A transfer student is required to earn a minimum of 8 upper division credits in his major department at Seattle Pacific.
 4. Work of a "D" grade, while counting toward graduation, may not count toward satisfying this major.
 5. No more than 70 credits in any one department may be counted toward the degree.
- B. An Area Teaching Major (allowed in the B.A. in Ed. degree) provides for a spread of academic study in one or two of the first five *Areas of Instruction*, as shown above, with a choice of teaching emphasis described under the School of Education.
- C. *Majors Required for the Masters Degree.* See under Graduate School.

BACCALAUREATE DEGREE REQUIREMENTS

A. *Total Credit and Quality Requirements*

1. A total of 186 credits (192 for the B. A. in Ed.), including not more than 6 P. E. activity credits (except for P. E. majors).
2. A cumulative grade point average of at least 2.00 in all work taken.
3. A cumulative grade point average of at least 2.00 in all work taken at Seattle Pacific College.
4. At least 60 credits earned in courses numbered 300 or above. An upper division transfer student must complete at least 8 credits of upper division work in his major at S.P.C.

B. *Lower Division Requirements*—to be completed by the end of the sophomore year.

B. A. DEGREE

	Credits
1. English 101, 102, 103	9
2. English Literature	3
3. Language Arts Electives	3
4. Foreign Language ¹ (One language)	15
5. Biblical Literature ²	6
6. Music and/or Art	5
7. Psychology or Philosophy	5
8. Economics or Sociology	5
9. History or Political Science	5
10. Science and/or Mathematics ³	15
11. Physical Education 160 (Health)	2
12. Physical Education Activity ⁴	6

B. S. DEGREE

1. English 101, 102, 103	9
2. Language Art Electives	6
3. Biblical Literature ²	6
4. Music and/or Art	2
5. Psychology or Philosophy	5
6. Economics or Sociology	5
7. History or Political Science	5
8. Science and/or Mathematics ³	15
9. Additional Mathematics as required by Department	15
10. Physical Education 160 (Health)	2
11. Physical Education Activity ⁴	6

B. A. IN EDUCATION DEGREE

1. English 101, 102, 103	9
2. Literature	3
3. Language Arts Electives	3

4. Biblical Literature ²	6
5. Art and Music (incl. Music 100)	5
6. Psychology 100, 206	10
7. Economics, Sociology, or Anthropology	5
8. History or Political Science (including Hist. 360)	8
9. Science and/or Mathematics ³	15
10. Physical Education 160 (Health)	2
11. Physical Education Activity ⁴	6

1 Students who have had two years of one foreign language in high school may satisfy the foreign language requirements by taking eight credits of electives in Language Arts. (English, Speech, Journalism, or Foreign Language). Those who present only one year of high school foreign language may enter the beginning course in the same language. See departmental recommendations for those offering four or more semesters of a high school language.

2 A total of 12 credits is required, of which one course must be numbered 300 or above, when the requirement calls for more than two courses. At least one course must be taken each year the student is in residence, unless the requirement has already been met. All who graduate from Seattle Pacific College are required to take a minimum of three quarter credits of Biblical Literature in residence. Three of the 12 credits may be in Religion and Philosophy courses, other than Biblical Literature.

3 Courses taken must include, with the high school sciences, both the physical and biological fields. At least 5 credits must be laboratory science. The other 10 credits may be demonstration science, math, or laboratory sciences.

4 A student who has attained the age of 25 or is excused from physical activity by the college physician must fulfill the requirement by substituting, credit for credit, courses of the recreational or hobby nature as approved by the P.E. Department. A student who attains the age of 25 during a quarter in which he is enrolled will be held for the requirement of that quarter. No activity class in which a grade of "C" or better is earned may be repeated, except course 150. A non-Physical Education major may not enroll for more than one P.E. Activity course for any one quarter, except by permission of the Registrar. Transfer students with a deficiency will be required to take 1 credit per quarter until graduation or until the deficiency is met.

C. *Upper Division Requirements*

1. The completion of a major of at least 36 quarter credits, of which at least 18 must be in courses numbered 300 or above.
 - a. The B. A. Degree requires a departmental major.
 - b. The B. S. Degree requires a departmental major in science, mathematics, physical education or home economics.
 - c. The B. A. in Education Degree allows a teaching major in an area or areas. By careful selection of courses an area major may include a departmental major.
2. The completion of supporting courses as may be required with a major, and all specified courses in any detailed curriculum being pursued.
3. Additional courses in Biblical Literature to total at least 12 credits. One course must be taken on the 300 or 400 level, when the requirement calls for more than two courses.
4. No more than 70 credits in any one department may be counted toward a degree.
5. At least 45 credits earned in residence. If only one year is done at Seattle Pacific College, it must be the senior year. Regardless of the extent of previous residence work, the last 15 credits must be completed in actual residence. Credits earned by examination do not satisfy residence requirements.
6. Written application for a degree made by the candidate at the end of the junior year.

D. *Additional Bachelor's Degree.* A second bachelor's degree may be earned upon the completion of 45 credits in addition to the total credits required for the first degree, subject to the following conditions:

1. 30 of the 45 credits must be earned subsequent to the granting of the first degree.
2. 15 of the 45 must be upper division credit.
3. If the first degree was earned at S.P.C., the last 15 of the 45 credits required for the second degree must be taken here, including at least 8 upper division credits in the major.
4. If the first degree was earned by a former student at another school, at least 30 of the 45 credits including at least 8 upper division credits in the major, must be earned at S.P.C.
5. A person who has never attended S.P.C. will take all 45 credits here, including at least 8 upper division credits in the major.
6. All specified requirements for the second degree must be fulfilled.

SPECIAL SCHOOLS AND CURRICULA

Seattle Pacific College maintains several Special Schools. Except for the Graduate School, these are Professional Schools but they lead in most cases to an arts degree.

GRADUATE SCHOOL

HAROLD T. WIEBE, Dean

Organization. The Graduate School at Seattle Pacific College is administered by a Graduate Council made up of the Dean of the Graduate School, the President, Vice President, Dean and Registrar of the college, heads of the departments offering majors for the Master's Degree, and certain appointed personnel.

Aims and Purposes. Seattle Pacific College through its Graduate School emphasizes three principal aims: (a) Scholarship, (b) Research, and (c) Professional Competence. The third objective is given prominence, particularly in those departments preparing for the "service professions," such as teaching and religious activity including the ministry, Christian education and missionary work.

General Statement. To be classified as a graduate student specific application for admission to graduate studies is required. Admission to the Graduate School, however, is not synonymous with admission to candidacy for a graduate degree. It is normal for students who are holders of a baccalaureate degree to pursue graduate studies before being admitted to candidacy. To obtain candidacy a supplementary application is necessary and with this a proposed program of studies.

Two Graduate Degrees Available. The Graduate School of Seattle Pacific College provides for two degrees. These are the Master of Arts and the Master of Education. At the present time provision is made for graduate majors in Biblical Literature, Missions and an Education-Psychology area major. The Master of Education Degree is a professional degree.

A. Admission Requirements.

1. Be a graduate of an approved four-year college with a B.A. or equivalent degree. A student entering the graduate school having received a baccalaureate degree from a non-regionally accredited liberal arts college shall be accepted academically on *provisional status* providing he has an undergraduate average of "B" and would be accepted by the graduate school of a State University or other institution of comparable rating. A student having received a baccalaureate degree from a non-regionally accredited liberal arts college and desiring to enter the graduate school of Seattle Pacific College but unable to qualify in both points indicated above, is advised to first obtain a recognized baccalaureate degree either at Seattle Pacific College or some other regionally accredited liberal arts institution.
2. Be matriculated at Seattle Pacific College. This means for those who have not graduated at Seattle Pacific that application procedure must be followed the same as for undergraduate students.
3. Have earned a grade score of 2.75 or better in the last 45 quarter credits of his baccalaureate work. Such a student is said to have a *clear status*. A student whose grade score falls below 2.75 may be given permission to enroll and be given a *provisional status*. This will be changed to *clear status* upon the completion of at least 12 credits in one quarter in courses carrying graduate credit with an average grade score of 3.00 or better for the quarter's total work. Such courses, taken prior to obtaining clear status shall count toward the Master's degree only with the approval of the Graduate Council.
4. Meet and maintain the same character and conduct standards as required by Seattle Pacific College undergraduate students.

B. **Admission to Candidacy for Advanced Degree.** To be admitted as a candidate for a Master's Degree the following conditions must be met:

1. The student must be a regular graduate student with a *clear status*.

2. He must make application on a special form prepared for this purpose. This application is to be submitted to the head of the candidate's major department preferably during the first quarter after entrance on a *clear status* into the graduate school.
3. He must have met the special undergraduate requirements set up by the department or departments in which he proposes to do the graduate work.
4. He must be approved by the graduate council. This includes:
 - a. Determining whether the candidate has a life philosophy, the quality of mind and an attitude towards service and research, to justify intensive study towards the advanced degree.
 - b. Determining whether the candidate's preparation constitutes a satisfactory foundation in the proposed major and cognate fields of study.
 - c. Final determination regarding the program of studies to be followed.

C. **Majors Required for the Master's Degree.** In general, the college provides for two types of graduate majors.

1. A *Departmental Graduate Major* (required for the M.A. degree) is defined as a minimum of 36 graduate credits (including the thesis) earned in a single department after receiving the baccalaureate degree. The department concerned may require more than this minimum. At least 12 (not including thesis) of the 36 credits must be in courses numbered 500 and above.
2. An *Area Graduate Major* (education—psychology required for the M. Ed. degree) is defined as a minimum of 36 graduate credits (including the thesis) earned in the sixth Broad Area of Concentration. The area committee may require more than this minimum. At least 15 (not including thesis) of the 36 credits must be in courses numbered 500 and above.

D. **General requirements for the Master of Arts and the Master of Education Degree.** In every case the candidate must meet the specific graduate requirements of the department in which he is working.

1. The satisfactory completion of 45 (M.Ed.-51) graduate credits in harmony with the program of studies approved by the Graduate Council. At least 37 of these credits, including the last 10, must be earned at Seattle Pacific College.
2. The presentation, in the form of an acceptable thesis, of the approved special research project. This thesis must be prepared according to a form suggested by the Graduate Council and submitted at the Graduate School office at least one month prior to the date the candidate expects to receive the degree.
3. Thesis requirements shall be 6 to 9 credits. A student with *clear status* shall be permitted to register for thesis in units of three credits each, and the grade shall be deferred until the completion of the thesis. The foreign language must be passed before registering for the second unit.
4. A reading knowledge of an approved foreign language (for M.A. only).
5. Comprehensive written examination over the major field of study and oral examination over the thesis. The written examination must be passed before depositing the thesis.
6. No grade below a "B" will be counted toward the graduate degree.
7. Have been in residence at least one school year (earning 45 credits at Seattle Pacific College).
8. No course taken more than 6 years before the granting of a graduate degree shall be applied toward the degree.
9. Payment of graduation fee, rental of Master's hood for commencement exercises or purchase at cost, and thesis binding (2 copies) at cost.

E. **Additional specific requirements for the Master of Arts Degree with a major in Religion.** (See School of Religion Section.)

F. **Additional specific requirements for the Master of Education Degree.** (See School of Education Section.)

SCHOOL OF EDUCATION

ERNEST W. HORN, *Dean*

The School of Education offers opportunity for a wide range of professional experience and study. Provision is made for meeting the requirements of General Elementary and Secondary certificates and administrators' credentials. In addition to these Washington State certificates, it is possible to meet the educational requirements of the other states. Since each state establishes its own standards of certification those students desiring out-of-state certification should confer with the School of Education Office upon beginning work at Seattle Pacific College. United States citizenship is required of teachers in Washington as well as in most states. Those who do not have United States citizenship should also confer with the School of Education Office personnel.

Seattle Pacific College is fully recognized by the Washington State Board of Education as a School of Education for elementary and secondary school teachers. It is fully accredited by the Northwest Association of Secondary and Higher Schools, on the approved list of the American Council on Education, recognized by the California State Department of Education as offering a Master of Education degree and a member of the American Association of Colleges for Teacher Education.

Persons who plan to teach in the State of Washington must satisfy the requirements for certification, even though they are working for the B.A. or B.S. degree.

Requirements for the Bachelor of Arts in Education Degree 192 credits

GENERAL EDUCATION REQUIREMENTS (all levels) 78

Biblical Literature	12
Economics or Sociology or Anthropology	5
English 101, 102, 103	9
Literature and Language Arts (3 cr. Engl. Lit. required).....	6
Music and/or Art	5
Physical Education (Including 160).....	8
Political Science or History (Including History 360).....	8
Psychology 100 and 206.....	10
Science and/or Math	15

PROFESSIONAL EDUCATION 39-40

Elementary Emphasis

Ed. 110 Nature and Practice of Play	2
Ed. 201 Foundations of Education	4
September Experience	0
Ed. 311 Elementary Methods	5
Ed. 312 Arithmetic for the Elementary School	2
Ed. 313 Developmental Reading	3
Ed. 314 Music for the Elementary Classroom Teacher.....	3
Ed. 376 Elementary Student Teaching (full day).....	16
Ed. 384 Secondary Student Teaching (two clock hours daily).....	5

Junior or Senior High Emphasis

Ed. 201 Foundations of Education	4
September Experience	0
Ed. 325 Educational Psychology	3
Ed. 330 Junior High School Methods	5
or	
Ed. 340 Senior High School Methods	5
Ed. 335 Methods of Teaching Reading in the Secondary Schools	3
Ed. 356-374 Special Methods	5
Ed. 375 Student Teaching in Elementary School	3
Ed. 380 Student Teaching in Junior High School (full day).....	16
or	
Ed. 386 Student Teaching in Senior High School (full day).....	16

TEACHING MAJOR 65

The teaching major must be selected from the following areas: Language Arts, Fine and Applied Arts, Social Studies, Science and Mathematics, Health and P.E. At least 22 of the 65 credits must be acquired in courses numbered 300 and above. Work of a "D" grade, while counting toward graduation, may not count toward satisfying the teaching major. Programs with elementary emphasis, junior high school emphasis, and senior high school emphasis are listed below.

1. Elementary teaching emphasis. Of the 65 credits required for this teaching major, all must be in two broad areas with a minimum of 20 quarter hours in the least preferred broad area. A minimum of 22 upper division credits must be in the broad areas with 12 of these upper division credits in a single department.
2. Junior high school teaching emphasis. Of the 65 credits required for this teaching major, all must be in two broad areas with a minimum of 20 quarter credits in the least preferred

area. A minimum of 22 upper division credits must be in the broad areas with 18 of these upper division credits in a single department.

3. Senior high school teaching emphasis. Of the 65 credits required for this teaching major, all credits may be in one or two broad areas. If two areas are selected, then a minimum of 20 hours must be in the least preferred area. A minimum of 22 upper division credits must be in the broad areas with 18 of these upper division credits in a single department.

Admission into the School of Education

During the sophomore year when the student enrolls in Ed. 201 he is considered a tentative candidate for membership in the School of Education. At this time the student is asked to prepare a formal application for admission as a regular member into the School of Education. When this application is approved and the student reaches junior status he may continue the Professional sequence. Such approval is based upon the following:

1. The possession of ideals and personal qualities and competencies which make for success in teaching.
2. A cumulative grade score of at least 2.00.
3. Evidence of having properly prepared and placed on file in the Education Office a planned program culminating in meeting certification requirements.
4. A degree of health equal to that required by the State for certification.
5. A successful interview with the Dean of Education or designated personnel during the quarter registered for Ed. 201.

Professional Laboratory Experiences

I. September Experience
Between the sophomore and the senior years the student must spend a minimum of two weeks in a public school prior to the opening of the college year. Normally this two weeks will be spent in the schools of his home town. Arrangements for such experiences are to be made by the School of Education with the school district by April 15th of the preceding school year. A complete record of September Experience must be on file in the School of Education before the student may officially enroll for his student teaching experience.

II. Student Teaching
The School of Education considers Student Teaching the most important factor in the professional preparation of the teacher. The student teacher works under, and is responsible to, the supervising teacher and the principal of the public school. Professional guidance is given by a supervisor who is a faculty member of Seattle Pacific College. He frequently visits the student in the teaching situation. Periodic group conferences are held. Student teachers are expected to participate in the public school faculty meetings, community and school activities, etc.

Eligibility for Student Teaching

Before a Student can register for student teaching he must:

1. Be admitted as *regular* member of the School of Education.
2. Have on file in the School of Education an official record of his September Experience.
3. Have a cumulative grade point average of 2.00 or better.
4. File with the Health Service a current "State Employee Health Certificate" which is issued upon receipt of a satisfactory chest X-Ray.
5. Conform by mail or telephone his ability to meet his assignment one month before the opening of the quarter in which he is to do student teaching.

Student Teaching Major Emphasis

All day student teaching is required of each student at either the elementary, junior high, or senior high school grades. This experience consists of observation, teaching, and extra curricular duties for one full quarter in the public schools and constitutes the student's full load for the quarter. A manual for the student teaching assignment is followed and must be completed.

Student Teaching Minor Emphasis

Each student who has done full time elementary or secondary student teaching is also required to do cadeting on the other level. This experience consists of two clock hours each day for one full quarter in this least preferred area. Allowance must be made for travel and conference time. The usual time for the elementary experience is 8:45 to 10:45 while the secondary experience may vary in a two hour block at different intervals during the day.

Subject Sequence for Education Students

FIRST YEAR		SECOND YEAR	
	Credits		Credits
Biblical Literature	3	Anthro., Econ., or Soc.	5
*Ed. 110	2	Biblical Literature	3
English 101, 102, 103	9	Ed. 201	4
Health Education	2	Literature	3
History or Political Science	5	Physical Education	3
Music and Art	5	Psych. 206	5
*Art Structure	5	Science or Math	5
Psychology 100	3	Teaching Major and Electives	20
Physical Education	3		
Science	10		
Electives	4		
	48		48

*Elementary Emphasis

Major Emphasis Elementary

THIRD YEAR		FOURTH YEAR	
Biblical Literature	3	Biblical Literature	3
Ed. 311	5	Ed. 376	16
Ed. 312	2	Ed. 384	5
Ed. 313	3	Ed. 351	3
Ed. 314	3	Teaching Major and Electives	24
History 360	3		
Teaching Major and Electives	29		
	48		48

Major Emphasis Secondary

THIRD YEAR		FOURTH YEAR	
Biblical Literature	3	Biblical Literature	3
Ed. 325	3	Ed. 375	5
*Ed. 330 or 340	5	Ed. 380 or 386	16
Ed. 355	3	Teaching Major and Electives	24
Ed. 356-374	3		
Ed. 360	3		
History 360	3		
Teaching Major and Electives	28		
	48		48

*Dependent upon Junior or Senior High School Emphasis

Requirements for The Master of Education Degree

The general requirements for the Master of Education degree are outlined in the "Graduate School" section of this catalog. Within this framework the School of Education will recommend the granting of the degree providing the following specific requirements have been met by the candidate:

- Satisfactory completion of 51 credits including the following:

	Credits
Educ. 501	3
Educ. 525	3
Educ. 526	3
Educ. 540	3
- At least 27 credits, including the thesis, must be in courses numbered 500 and above.
- No more than 30 quarter credits can be taken for degree credit prior to or during the first year of teaching. These credits must be approved by the Dean of Education.
- One year of successful teaching is required of all candidates. This must be proved through field recommendations received by the School of Education prior to ad-

mission to candidacy. One year of teaching is defined here in the same way as the definition used by the State Department of Education. Normally this is considered to be 180 days of full-time teaching.

- The Graduate Council gives final approval to the granting of all Master of Education degrees .

Certification

A regular candidate for the Washington Provisional General Certificate will be recommended by the School of Education to the State Department of Education upon completion of the following requirements:

- Meet the regular graduation requirements of Seattle Pacific College for the B.A., the B.S., or the B.A. in Education degree or an equivalent degree.
- Satisfy the residence requirements of the college.
- Complete the four-year pre-service education curriculum listed under requirements for the B.A. in Education.
- Be approved as a suitable person for the teaching profession.
- Pass a satisfactory health examination within six months prior to certification.

The Provisional General Certificate. A student who has completed the above B.A. in Ed. degree requirements is entitled to the Provisional General Certificate upon recommendation of the School of Education. This recommendation designates the subjects and/or grades in which a person may teach. The certificate received is valid in the public schools of Washington from kindergarten through the 12th grade. The certificate is valid for five years providing the holder enters upon the fifth year of his college work following his first or second year of teaching. In order for the Provisional Certificate to remain valid twelve quarter hours must be completed in residence prior to the third year of teaching. By the time the certificate expires, the holder must have completed the fifth college year in order to be eligible for the next certificate—the Standard General Certificate.

The Standard General Certificate. In order to be eligible for the Standard General Certificate, it is necessary to have completed a full five year college program and at least one year of successful teaching experience. Up to 30 quarter credits of the fifth year's requirement may be earned prior to one year of teaching experience. At least 15 quarter credits must be earned subsequent to one year of successful teaching. State Board of Education rules provide also that two quarters of the fifth year must be completed in one institution. The rules provide further that one-half of the courses completed in the fifth year must be courses acceptable for upper division and graduate credit. Not over 12 quarter hours may be completed through correspondence or extension or both. The Standard Certificate is valid as long as the holder remains in the teaching profession and for five years thereafter.

The Elementary Certificate. Persons who have held previous elementary certificates in Washington may still qualify, in accordance with previous standards, for an elementary certificate—the Three Year Elementary Certificate. This certificate may be renewed also according to previous standards. It should be understood, of course, that a candidate for this certificate must complete a four year college course. He will not be required to complete courses in secondary education or to do student teaching on the secondary level.

Principal's Credentials. Special credentials are issued by the State Department of Education for principals in elementary and senior high schools. Courses required for principal's credentials are offered during the summer quarter and each quarter in the Evening School.

Teacher Placement Service

The third quarter before the completion of certification requirements the student should enroll with the Teacher Placement Office, School of Education. This includes properly completed application papers. Instruction for filling out these papers will be given at scheduled meetings. A health examination by the S.P.C. health service is required. A placement fee of \$5.00 plus \$1.00 for the teaching certificate must be paid at the School of Education Office. This fee covers the cost of five sets of credentials.

SCHOOL OF MISSIONS

General Statement. Seattle Pacific College, originally founded for the purpose of training missionaries, is providentially and strategically located in the city of Seattle, the gateway to the Orient. The School of Missions of Seattle Pacific College is likewise providentially instituted to meet the need, the challenge, and the unlimited opportunities of World Missions, particularly in the Orient, South America, and the entire Pacific Rim.

Objectives. The basic objective of the School of Missions is adequately to prepare followers of Christ to carry out Christ's commission of world-wide evangelism. Related to this main objective is the purpose of The School of Missions to stimulate interest in world missions and promote the cause throughout the country as well as in the Northwest, in the city of Seattle, and among the students of Seattle Pacific College.

Who May Enroll. Four general groups of students will be enrolled in The School of Missions:

1. Regular under-graduate students who are pursuing the curriculum for a major in Missions and the Bachelor of Arts degree.
2. Graduate students who are pursuing the Master of Arts in Religion.
3. Missionary candidates, whether college graduates or not, who desire intensive training in language and other fields, immediately prior to their going to the mission fields.
4. Returned missionaries, whether college graduates or not, who desire to pursue their studies of the field in which they have been working.

Under-graduate Programs of Study. The student majoring in missions will pursue one of the following programs:

1. General missions curriculum leading to the B. A. Degree.
2. Post-graduate concentrated missions curriculum.
3. Con-joint curriculum—with some other department such as Education, Public Health, Nursing, etc.—leading to a double major and the B.A. Degree. (By careful selection of courses, this program usually can be completed in four years, unless the student is seeking teacher's certification. In this case, it might take 13 to 14 quarters.)

Basic Core of Studies (required in all three curricula)—45 credits in Religion, of which 21 must be upper division, distributed as follows:

	Credits
1. Missions	28
Principles and Practices (180, 181)	4
History (280, 281)	6
World Religions (480) Roman Catholicism (484)	10
Methods and Problems (380, 490)	8
2. Biblical Studies	12
3. Basic Christian Beliefs (220) Personal Evangelism (164)	5
4. Plus Anthropology 102.	

Additional Required and Supporting Studies—for the General Missions Curriculum:

1. Required in Religion—6 credits in Bible study and 5 credits in the Practical Field. (At least 5 upper division credits.)
2. Required supporting subjects: First Aid, Health, studies in history, civilization, culture and government of the people among whom one is to work; for the women, Home Nursing and either proficiency in bookkeeping and secretarial science; or 8 credits in Home Economics 140, 160, 165 or 312; and for the men, proficiency in bookkeeping; or basic study in Radio, including Physics 141, 142, Speech 260, 365, and Music 375.
3. Recommended electives: 7 credits in Music 100, 101, 260, 271 or 375; 10 credits in Psychology 100, 101, 321 or 435; 10 credits in Sociology 110, 340 or 371; and 9 credits in Speech 100, 101, 110, 227, 315 or 347.

NOTE: If a person is anticipating going to a country into which it is becoming increasingly difficult to enter, it is strongly recommended that he plan his entire college program so as to include, with the missions major, a very strong minor which will equip him to contribute to the country in some specific way in addition to the religious.

NOTE: Missionary Doctors. Seattle Pacific College also offers a strong Pre-Medic course. Students planning to serve as doctors on the foreign field should include in their college course the following electives in Missions: Missionary Methods, Religions of the World or Roman Catholicism, Problems of Modern Missions, Basic Christian Beliefs, and as much Bible study as possible.

Graduate Study in Missions. For the requirements for a Master of Arts Degree with a major in Religion and specific study in Missions, see School of Religion and Graduate School Sections.

Sequence of Courses. Since the specific courses in Missions are so pyramided that some are built on the foundation laid in others, it is advisable to take them in the following sequences: Freshman or Sophomore years: Religion 180, 181, 280 and 281; Anthropology 210; Junior Year: Religion 380 and the courses in history, culture and civilization of the peoples among whom one is to work; Senior year: Religion 480, 484, 490.

Tuition. For special consideration given to missionaries and candidates see elsewhere in the catalogue under "Ministerial Discount."

SCHOOL OF MUSIC

LAWRENCE R. SCHOENHALS, *Director*

General Information

The School of Music at Seattle Pacific College, endeavors to include in its curriculum those courses in applied and theoretical music which are necessary to a well-rounded musical education and at the same time to assist the general college student with undeveloped musical talents to achieve a musical culture in keeping with the liberal arts ideal.

Because of its favorable location in a large city, students at Seattle Pacific have frequent opportunity to see and hear the country's finest musicians. Numerous choral and instrumental concerts provide attractive fare for the most discriminating listener.

Opportunities for public appearances by advanced music students are numerous. These include both radio broadcasts and television performances. Advanced students are often able to secure attractive positions as choir directors, church organists, or soloists in the Seattle area. For several years the Light and Life Hour has originated on the campus, with the music staff composed largely of present and former students. Seattle Pacific College is one of the sponsors of the educational television station KCTS-TV.

Instruction is offered in the following fields: music theory and literature, music education, applied music, choral and instrumental ensembles, and church music.

All students majoring in music are required to attend the concerts and recitals sponsored by the music department. No music student is permitted to engage in the teaching of music without the permission of the Director. Applied music students should not appear in off-campus public solo performances without the permission of the respective instructors.

Lessons missed through the fault of the student will not be made up except at the discretion of the teacher. An excused absence requires twenty-four hours' notice. Lessons missed because of all-school holidays will be made up at the convenience of the instructor. In order to receive credit in a given quarter the student must take at least eight lessons.

Upper division credit in applied music is given only by action of the music faculty. Juniors and seniors may register for lower division numbers.

Facilities and Equipment

The *Crawford Music Building*, completed in the summer of 1960, is a handsome two-story reinforced concrete and brick structure containing the following facilities: director's office suite, 8-studio-offices, library, listening room, classroom, faculty lounge, rehearsal room, instrument and music storage room, 17 practice rooms, and restrooms on each floor. The building bears the name of the Crawford family of Tacoma through whose generosity the structure was built.

Facilities for organ study include a three-manual Kimball pipe organ and two two-manual electric organs. The department also owns a large number of string, wind and percussion instruments which may be rented by students for a nominal fee. Each year a number of students avail themselves of this opportunity to commence music study or to learn to play a new instrument.

Music Library

An excellent, up-to-date collection of books on music is housed in the main college library. Vocal and instrumental scores and phonograph recordings are available in the Crawford Music Building for individual and class use. Through an annual appropriation, these various collections are constantly being expanded and are supplemented by the music section of Seattle's Public Library.

Organizations

A Cappella Choir. Outstanding among the musical organizations at Seattle Pacific is this select group of approximately fifty singers. Since its organization in 1936 and through its annual concert tours the choir has become favorably known throughout the Northwest for the spirit, precision and artistry of its performances.

Concert Band. The main function of the college band is the playing of concert music. The literature studied is chosen on the basis of audience appeal and suitability as training material for bandmasters of the future.

Chamber Orchestra. Popular with both players and audience is the chamber orchestra which is heard periodically throughout the year.

Oratorio Society. This organization, numbering from 150 to 200 voices, presents two concerts each year—at Christmas and at Commencement. The *Christmas Oratorio* (Bach), *Messiah*, *Elijah*, *St. Paul*, *Hymn of Praise*, *Hora Novissima*, *The Redemption*, *The Creation* and *The Holy City* are some of the major works presented in recent years.

Quartets. S.P.C. has actively promoted quartet singing for many years. Its Victory and Clarion male quartets are well known throughout the Northwest. More recently a string quartet has joined this group of college-sponsored musical organizations. These quartets, chosen each fall after rigorous tryouts, represent the college in churches, conventions, civic meetings and schools throughout a wide area.

Madrigal Singers. Although not primarily a public performance group, this organization, composed of members of the class in *Madrigals and Motets* (Music 234, 235 or 236), makes occasional campus appearances.

Vocal Ensemble. A small choral ensemble of men's or women's voices or both selected by audition. This group performs both sacred and secular music, and appears in various campus and local programs.

Requirements for a Major in Music

All students majoring in this department must acquire a proficiency in piano equivalent to two years' study. Greater proficiency is strongly recommended. Courses 101, 102 and 103 should be taken during the freshman year, if possible.

Four curricula are offered in this department.

I. Major in Theory and Literature

- Required courses: 101, 102, 103, 180, 201, 202, 260, 307, 362, 401, any two of the following: 281, 282, 283, 284, and any two of the following: 380, 481, 482, 483, 484.
- A minimum of 60 credits in music of which at least 25 are upper division.
- 9 credits in applied music of which at least 6 are in one branch.
- Membership in one of the campus choral or instrumental organizations each quarter.
- Meet required proficiency standards in piano.

II. Major in Applied Music

- Required courses: 101, 102, 103, 180, 201, 202; any two of the following: 281, 282, 283, 284; and any two of the following: 380, 481, 482, 483, 484.
- A minimum of 60 credits in music, of which at least 25 must be upper division.
- 18-24 credits in applied music, 9 of which must be upper division.
- Voice majors must earn 10 credits or equivalent in each of two foreign languages. French and German are recommended. Music courses 260 and 362 are required of voice majors also.
- Piano majors must take course 324.
- Course 401 is recommended.
- Membership in one of the campus choral or instrumental organizations each quarter.
- Meet proficiency standards in piano.
- Junior and senior recitals given to the satisfaction of the music faculty.

III. Major in Music Education.

Students preparing for teaching in the public schools of Washington and pursuing an area of concentration in Fine Arts with emphasis on Music must follow one of the curricula below.

A. Option I (For secondary teachers)

- Required courses: 101, 102, 103, 180, 201, 202, 260, 282, 283, 342, 343, 345, 362, 363, 403.
- 12 credits in applied music, private or class instruction, with a minimum of 6 in one branch. Each of the following areas must be represented: piano, strings, voice, brass, woodwinds, percussion.
- 16 credits in ensemble, 8 of which must be taken as extra-curricular activity in excess of the 186 required for graduation. Participation must be in both vocal and instrumental groups.
- Meet proficiency standards in piano.
- 18 credits in music must be upper division.

B. Option II (For elementary teachers)

- Required courses: 101, 102, 103, 180, 201, 202, 260, 281, 282, 283, 342, 345, 362, 363.
- 10 credits in applied music, private or class instruction, with each of the following areas represented: piano, strings, voice, brass, woodwinds.
- 12 credits in ensemble, 6 of which must be taken as extra-curricular activity in excess of the 186 required for graduation.
- Meet proficiency standards in piano.
- 18 credits in Music must be upper division.

IV. Major in Church Music.

This major is planned for the prospective minister of music. Eligibility for entrance upon this major will be determined by conference at the beginning of the student's sophomore year.

- Required courses: 101, 102, 102, 180, 201, 202, 260, 281, 307, 362, 375 or 376, 377, 377, 471, 481 or 482.
- A minimum of 70 credits in music of which at least 25 are upper division.
- 15-18 credits in organ and voice with junior and senior recitals given in one field to the satisfaction of the music faculty. (Voice majors may substitute piano for organ.)
- A minimum of 9 credits in choir and Oratorio Society.
- Meet proficiency standards in piano.
- Recommended supporting courses: Religion 260; History 111; History 413.

Fees in Applied Music

For fees in applied music see catalog section "Financial Information."

DEPARTMENT OF NURSING EDUCATION

LYDIA F. GREEN, Director

The Department of Nursing Education offers (1) a basic nursing degree program, (2) a program for graduate nurses who wish to earn a baccalaureate degree, and (3) the first year or more of nursing degree programs in colleges and universities other than the University of Washington.

Basic Nursing Degree Program

The basic nursing degree program leads to a Bachelor of Science degree and licensing as a registered nurse. This program combines a liberal arts education with professional training. The pattern is planned for four academic years plus one Summer Quarter following the sophomore year. Students enroll at Seattle Pacific College for six quarters and take courses in the social sciences, natural sciences and humanities in addition to introductory nursing courses. During the sixth quarter, clinical experience begins with two days a week in one of the hospital divisions. At the beginning of the seventh quarter, students transfer to the University of Washington School of Nursing.

The School of Nursing utilizes a wide variety of hospitals and other health agencies including King County Hospital System, Unit I (Harborview Division) capacity, 480 beds; Unit II, 230 beds; The Doctors Hospital, capacity, 187 beds; Swedish Hospital, capacity, 377 beds; Virginia Mason Hospital, capacity, 217 beds; Children's Orthopedic Hospital, capacity, 200 beds; and University Hospital, capacity, 300 beds. Tuberculosis nursing is studied at Firland Sanatorium, psychiatric nursing at Northern State and Western State Hospitals and public health nursing with the Seattle-King County Health Department and Visiting Nurse Service. A graduate of the program is prepared for beginning positions in all fields of professional nursing including public health nursing.

At the conclusion of the entire program the student receives a Bachelor of Science degree from both the University of Washington and Seattle Pacific College. The student is eligible to take the state licensing examination to become a registered nurse. It is the responsibility of the graduating student to have the University of Washington send to the Registrar of Seattle Pacific College an official transcript of credit upon completion of the program. Because students carry only nominal enrollment at Seattle Pacific College during the clinical period, no graduation fee is charged.

A grade point average of not lower than 2.00 must be maintained by nursing students. Students from other states than Washington are required to have a grade point average of 2.70 before transferring to the University of Washington.

Admission to the Basic Nursing Degree Program. Candidates for admission to the basic program must be graduates of an accredited high school. Effective Autumn Quarter 1961, the admission requirements for the School of Nursing will be as follows:

	Units
English	3
One foreign language	2
Language arts or foreign language	1
(Any combination of English literature, English composition, drama, journalism, speech, or a third unit of the foreign language.)	
Social science	1
Elementary algebra	1
Plane geometry	1
Laboratory science	1
Advanced mathematics or laboratory science	1
Free electives	5

A student cannot enter the professional curriculum of the School of Nursing until all entrance deficiencies have been removed. A plan for the removal of a deficiency should be worked out with the advisor prior to or at the time of registration. Evening classes in algebra and geometry are available at Edison Technical High School. No college credit is granted for these courses.

Expenses. Expenses for nursing students are the same as for other students both at Seattle Pacific College and at the University of Washington School of Nursing. Oppor-

tunities for part-time work are available throughout the program. Students from a state other than Washington will be required to pay out-of-state tuition rates at the University.

Curriculum for the Basic Nursing Degree Program

(Two Years - Campus Division)

First Year		Second Year	
AUTUMN QUARTER		AUTUMN QUARTER	
	Credits		Credits
Eng. 101—Composition	3	Zool. 229—Anat. & Physiol.	6
Psych. 100—General	5	Microbiol. 301—General	5
P. E. 160—Health Educ.	2	Nursing 227—Family Health	2
Religious Literature	3	Electives	3
P. E. Activity	1	P. E. Activity	1
	14		17
WINTER QUARTER		WINTER QUARTER	
Eng. 102—Composition	3	Zool. 230—Anat. & Physiol.	6
Chem. 101—Inorganic	5	Physics 170—for Health Sciences ..	5
Nursing 101—Introduction	2	Home Ec. 119—Nutrition	3
Elective—Hist. or Anthro.	5	Electives	2
P. E. Activity	1	P. E. Activity	1
	16		17
SPRING QUARTER		SPRING QUARTER	
Eng. 103—Composition	3	*Nursing 228—Fundamentals	4
Chem. 230—Organic	5	Pharmacology & Therapeut. 261 ..	3
Soc. 110—Survey	5	Religious Literature	3
Nursing 102—Introduction	2	Elective	3
P. E. Activity	1	P. E. Activity	1
	16		14

*Taken at hospital division under the University of Washington School of Nursing.

Program for the Graduate Nurse

The graduate nurse may earn a degree with a major in one of several fields. Refer to "Baccalaureate Degree Requirements" elsewhere in this catalogue. Depending on the major chosen, the nurse will receive from 45 to 65 quarter credits for a nursing program completed in an approved school of nursing. Additional credits are allowed for courses taken in a college or university even though taken concurrently with the nursing program.

If specific preparation for missionary service is desired, the graduate nurse may follow a course of study outlined under "School of Missions."

Although Seattle Pacific College does not offer a curriculum leading to the Bachelor of Science in Nursing for the graduate nurse, a student can profitably spend three or four quarters on our campus following a well defined program integrated with the curriculum of the University of Washington School of Nursing, where the degree is granted. The student transfers to the University for the final four quarters of advanced professional courses, including one quarter of field experience in public health nursing and, if desired, psychiatric nursing.

Admission to the graduate nurse program. Complete transcripts from high school, school of nursing and any college previously attended should be sent to the Registrar before entrance. High school requirements are the same as for the basic nursing degree program outlined above with the exception of a foreign language.

Expenses are the same as for all other students. Positions on the staff of the Student Health Center are open to graduate nurses. Opportunities for part-time work in city hospitals are plentiful.

First-Year Programs

Nursing students, particularly those out of state, who do not wish to complete their degree programs through the University of Washington School of Nursing, may take at Seattle Pacific College at least the first-year courses required in degree programs of many other colleges and universities. For example, the freshman-year curriculum required by the University of Oregon School of Nursing, which may be taken at Seattle Pacific College, includes English composition, 9 credits, literature, 9 credits, chemistry, 9-12 credits, speech, 3 credits, nutrition or dietetics, 3 credits, psychology or sociology, 3 credits, P.E., 3 credits, and electives 9 credits. First-year programs in other institutions are similar.

For further information about any of the nursing programs, write to the Director of the Department of Nursing Education.

SCHOOL OF RELIGION

DONALD E. DEMARAY, *Dean*

General Statement. To answer the unprecedented demand of the present day for a thoroughly trained and spiritual Christian leadership, Seattle Pacific College, through its School of Religion and its School of Missions, has made unusual provision for the education of those looking toward full-time Christian service. The unique opportunity here available has brought about a remarkable growth in this department in the last few years. Men having regular pastorates in and near Seattle are increasingly making use of the opportunity presented here for the continuation of collegiate training.

Standing. Through its offerings Seattle Pacific College meets the requirements of the Commission on Christian Education of the Free Methodist Church, many mission boards, and independent missions for the training of ministers and missionaries and is also approved by the Educational Board of the Methodist Church for the Collegiate training of ministers.

Objectives. The outstanding objective of the School of Religion is to provide definite training for those expecting to become ministers, missionaries, or other full-time Christian workers. The School of Religion has in mind four specific groups:

1. Those who are unable to go beyond a college education for their theological training.
2. Those who expect later to complete a graduate course in religion.
3. Those looking toward Bible teaching and full or part-time work in the field of Christian Education.
4. Those expecting to be church secretaries or pastors' assistants.

Who May Enroll? These courses are open to any student who is a graduate of an accredited high school and can meet the regular college entrance requirements. However, since this work is unique in its nature, students may be refused admittance into these courses because of personality handicaps which might not disqualify them for admission to the regular arts or science courses.

Field Work. Great emphasis is placed upon practical experience in Christian work. Unlimited opportunities are available along this line in a great city like Seattle, which would be lacking if the College were located in a small town. A very important phase of this field work is the *mission work*.

The second phase of the field work is that provided by the special singing groups, notably the *gospel quartets and trios*. Scores of calls are accepted each quarter for special singing in the various churches, schools, clubs and public gatherings in Seattle and throughout the Northwest.

Teaching Sunday School Classes and doing other types of Sunday School work is a third class of the field work. Nearly five hundred students are regularly engaged in this work as officers and teachers in the various Sunday Schools in and near Seattle. This type of field work constitutes a real practice school for the work in Christian Education.

A fourth type of field work is *occasional preaching and speaking*. Numerous calls come in for student speakers for regular Sunday morning and evening services, prayer meetings, etc. This gives the advanced students in the school a fine opportunity for practice in actual situations.

Two Majors Available. The School of Religion provides for two distinct fields of major study: a major in Biblical Literature and a major in Christian Education. Those contemplating a regular ministerial work or planning to continue their study in a graduate theological seminary should major in Biblical Literature, and prospective Sunday School and Bible teachers, church secretaries and pastors' assistants should choose the Christian Education major. All curricula lead to the Bachelor of Arts degree. The following indicate the courses for each major:

I. Major in Biblical Literature, for prospective Ministers:

1. Requirements in Religion: 48 credits, 20 of which must be upper division, divided as follows among the five fields of study:

	Credits
Biblical Studies (including Rel. 101, 102 and 103)	18
Theology	10
Church History (including Rel. 340)	8
Practical Field (including Rel. 261)	10
Missions	2
2. Supporting subjects required:	
Speech	6
Philosophy 101	5
3. Supporting subjects recommended:	
English Literature	8
Music 100, 260 and 371	6
Philosophy (including Philosophy 201 and/or 202 and 301)	6
Psychology	10

NOTE: Students who contemplate attending a graduate Theological Seminary may substitute courses in some one academic field for 3 credits in each of the areas of study, except missions, listed above under "I"; or they may choose to pursue a regular academic major, providing they elect basic courses in Religion and Philosophy, which should include Religion 164, 420, 421, 340, 18 credits of Bible Study, including Religion 101, 102, 103 and 104 and Philosophy 101, 230 and 301.

II. Major in Christian Education for Church Workers.

Curriculum A: For Sunday School, Mission School and Bible School teachers, Director of Christian Education, Children's and Youth Workers, and general Church Workers.

1. 45 credits in Religion, of which 20 must be upper division, including Introduction to Christian Education, Christian Education of Children, Personal Evangelism, Christian Education of Youth, Church School Administration, along with Basic Christian Beliefs, Church History and 15 credits of Bible study.
2. Required supporting subjects: Psychology 100 and 206.
3. Recommended electives: 6 credits in Speech, 10 credits in Sociology, one course in Philosophy and Music 100 or 101, 260 and 371.

Curriculum B: For Church Secretaries, Pastors' Assistants, general Church Workers, Directors of Christian Education, etc.

1. 36 credits in Religion, of which 18 must be upper division, including Introduction to Christian Education, Personal Evangelism, Administration of Christian Education, along with Basic Christian Beliefs and 15 credits in Bible Study.
2. Required supporting subjects: Psychology 100 and Psychology 206.
3. Requirements in either one or both Secretarial Science and Music:
 - a. Secretarial Science: Proficiency in both Shorthand and Typing, plus one course each in Office Management, Secretarial Bookkeeping and Secretarial Training.
 - b. Music: Music Fundamentals, Song Leadership and Hymnology, plus proficiency in applied music in at least one field, according to interest.
4. Recommended electives: 6 credits in Speech, 10 credits in Sociology, and one course in Philosophy.

Requirements for the Master of Arts Degree with a major in Religion.

1. Undergraduate foundation in Religion.
Advanced study for the Master's Degree with a major in Religion, which consists of at least one year of graduate study under guidance beyond the regular four-year college course, builds on a strong foundation laid during the college

course. The preliminary or undergraduate preparation must be equivalent essentially to one of the undergraduate majors in Religion at Seattle Pacific College. The college graduate who lacks essential foundation courses will find it necessary to spend up to one year in bringing up these deficiencies before being admitted to candidacy for the advanced degree.

2. Fulfill all general requirements for the Master of Arts Degree as listed under the Graduate School Section.
3. Complete advanced study in Biblical Literature and/or Missions.
4. Of the 45 credits of graduate level work required, at least 36 must be in the field of Religion, including course 563. The remaining 9 may be taken in supporting fields.
5. At least 21 credits in Religion must be taken in 500 level courses, the thesis, representing from 6 to 9 credits being included in this amount.

PRE-PROFESSIONAL CURRICULA

Pre-Engineering

The pre-engineering course of studies offered at Seattle Pacific College consists of the first two years of the usual general engineering curriculum. The second-year outline of courses is tailored to the needs of the student in relation to his chosen specialization for his upper division study. The student applying for admission to the pre-engineering program should make sure that he meets all of the admission requirements of the school of engineering to which he will be transferring after he completes his two years at Seattle Pacific College.

Pre-Law

A full four-year degree program is recommended for entrance into recognized law schools; however, in some instances law schools grant admission at the end of three years of college study. Neither the committee on pre-legal education of the American Bar Association nor leading law schools require any one specifically outlined course of collegiate study. On the other hand, in line with definitely stated training objectives they emphasize wide and solid general education foundation, an ability to analyze, evaluate and interpret material, an ability to speak and write with clarity and forcefulness, an interest in reading widely and perceptively, and an interest in people and their experiences.

Usually, the pre-law student will major in one of the social sciences, although he will draw heavily for electives from courses in literature, speech and psychology.

Pre-Medicine and Pre-Dentistry

Some medical schools accept three-year medical students but they strongly recommend a four-year preliminary for candidates. Students expecting to enter a medical school should keep informed regarding the requirements of the school they expect to attend after the completion of a pre-medical course here. By properly selecting his subjects, a student can earn the Bachelor of Science degree and at the same time qualify for entrance to a medical or dental school. Under the direction of American Association of Medical Colleges, Seattle Pacific has arranged to provide applications for the Medical Aptitude Test which is given twice a year on the University of Washington campus.

Pre-Medic Major

In order to allow pre-medical and pre-dental students the widest possible background in basic sciences, while at the same time completing all the other requirements, a major known as a Pre-medic major may be earned by the proper selection of science courses from the fields of Microbiology, Chemistry, Physics and Zoology. A total of 70 such credits is required, 30 of which must be Upper Division. Mathematics through Trigonometry is required. *This major is allowed only to those who are admitted to a medical school as of the end of their junior year in college.* All other pre-medic students will be required to complete a regular academic major in one of the Sciences, during their fourth college year.

Suggestive Curriculum for a Pre-Medical or Pre-Dental Course

The following schedule by years is suggested for those preparing for the fields of medicine and dentistry. Those contemplating it and the degree requirements listed elsewhere will receive the B.S. degree with a major in Microbiology and Public Health, Chemistry or Zoology. Considerable deviation from this plan is allowed, depending upon the desired field of study. A student desiring to major in one of the fields listed should be sure that he has been assigned to a professor in this area as his advisor, so that they may arrange the schedule carefully. He should also be aware of the requirements for admission into the medical school of his choice.

FIRST YEAR		THIRD YEAR	
	Credits		Credits
English Composition	9	Chemistry 325, 335, 336, 345, 346	15
Zoology 101, 102	10	Foreign Language	15
Bible Literature	6	Comparative Anatomy or Embrology	10
Physical Education	3	Bible Literature	3
Psychology 100	3	Electives	2
Speech	3		
Mathematics	10		
Electives	3		
	49		45
SECOND YEAR		FOURTH YEAR	
	Credits		Credits
Physics 101, 102, 103	15	Electives in Major field	15
Chemistry 111, 112, 113	15	Bible Literature	3
Physical Education	3	Math. & Science Electives	15
History	5	Electives	12
Music or Art	2		
Health Education	2		
Sociology	5		
	47		45

Combined Curricula. In some cases it is possible to enter a professional school (Dentistry, Law, Medicine) at the close of the Junior year. Such students may be granted a Bachelor's Degree from the Seattle Pacific College, providing the following conditions are met:

1. Completion of three years of college work (minimum of 141 credits, including 6 P.E. activity), at least the third year of which must have been taken at Seattle Pacific.
2. Completion of all college degree requirements, including a major, with the exception of upper division elective credit.
3. The College Registrar must be notified of the student's plan to participate in the program not later than the beginning of the Junior year.
4. A transcript showing satisfactory completion of the first year's work at an accredited professional school, together with a \$10 diploma fee, must be filed with the College Registrar.
5. All standards and regulations of the college must be observed during the year in the professional school, the same as if the student were in residence on the college campus.

MEDICAL TECHNOLOGY

In the light of an increasing demand for work in the field of medical technology, Seattle Pacific College provides a special curriculum preparatory to a student's training in a school of medical technology. Through an affiliation with Children's Orthopedic Hospital and Swedish Hospital in Seattle or any other school of technology approved by the Board of Schools of Medical Technology of the American Society of Clinical Pathologists and by Seattle Pacific College, it is possible for a student following a three-year prescribed college curriculum and then completing his next year (12 months) at the technological institution to meet the certification requirements of the Registry of Medical Technologists and also to receive a Bachelor of Science degree from Seattle Pacific College. Such a student should preferably choose Microbiology or Chemistry as his major, and *he must meet all of the conditions listed under "combined curricula" above.* Students who carefully plan their

college program may become qualified in two years to enter a School of Technology, although students with a three-year college program are given preference. After successfully completing one year in such an institution under a registered pathologist, they will be eligible to take examinations to become registered Medical Technologists but not to receive a Bachelor's degree. Whenever possible, however, it is recommended that a student complete a full four year college program with a major before entering the school of technology.

RECOMMENDED CURRICULA

FIRST YEAR		SECOND YEAR	
	Credits	Major in Microbiology	Credits
English Composition 101, 102, & 103	9	Chemistry 325, 335, 336, 345, 346	15
Chemistry 111, 112, 113	15	Zoology 101, (102), (229), (230)	5
Bible Literature	3	Physical Education	3
Physical Education	3	History	5
Health Education 160	2	Psychology 100	5
Speech 100	3	Bible Literature	3
Mathematics (algebra or trigonometry)	5	Language Arts	3
Sociology 110	5	Microbiology	10
Fine Arts	2		49
	47		
SECOND YEAR		THIRD YEAR	
Major in Chemistry		(Both)	
Chemistry 325, 335, 336, 345, 346	15	Microbiology 301	5
Zoology 101, (102), (229), (230)	10	Physics	15
Physical Education	3	Zoology 303	5
History	5	Bible Literature	3
Psychology 100	5	Major	20
Bible Literature	3		48
Language Arts	3	FOURTH YEAR	
Electives	3	(Both)	
(Microbiology recommended)	5	Bible Literature	3
	49	Major courses not completed	?
		Electives	?

DEPARTMENT OF INSTRUCTION

General Information. The following pages contain a list of all the courses offered by the College. In most departments the courses are arranged to cover a two-year cycle, some courses being offered every year, others in alternate years. This gives a wider range of electives over a period of years than could otherwise be offered.

A distinction is made between courses designed to meet the needs of students in the first and second years and those for more advanced classes. Courses numbered 100 to 299 are primarily for Freshmen and Sophomores; 300 to 399 are primarily for Juniors and Seniors; 400 to 499 are open generally to Seniors and Graduate students. Courses numbered 500 and above are open only to Graduate students. Graduate credit is allowed only to students holding an accredited bachelors degree at the time of enrollment in the course.

The numbers connected by a hyphen (thus 101-102) indicates a course which usually carries credit only when both parts have completed. The instructor's permission must be obtained in order to receive credit for a single quarter of such a course. Two numbers connected by a comma (thus 101, 102) indicates two courses with a definite sequence, the first of which may be taken with credit whether the second is completed or not.

In some instances courses are listed as carrying two and one-half credits. In these cases the courses are either presented only during the summer session or are courses which when presented during the regular academic year carry three credits. The courses meet daily for one term of the summer session for two and one-half credits.

The College reserves the right to cancel any courses in which the enrollment is less than six.

Credits. Courses are listed as carrying a given number of credits, as indicated by the number in parentheses following the course title, thus: (5), (3), (2), etc. Usually credits are determined by the number of class sessions a course meets each week, e.g., the five-credit course meets five times a week, the two-credit course, twice a week. In laboratory work or activity type courses, two and sometimes three periods are required to be equivalent to one credit.

Time of Offering. The quarter during which a course is offered is indicated on the course title line, following the credit designation. *Au* stands for Autumn quarter, *Wi* for winter, *Sp* for spring and *Su* for summer. When a course is offered in alternate years, the year it is to be offered is indicated thus: (60-61) or (61-62).

ANTHROPOLOGY

- 101 GENERAL ANTHROPOLOGY (5) Au
Survey of physical and cultural anthropology; an orientation to basic concepts and the anthropological point of view; analysis of evolution, prehistory, race, language, the nature of culture and theory.
- 250 CULTURAL ANTHROPOLOGY (5) Wi
The meaning of culture; an analysis of the nature of culture through a treatment of its technological, economic, religious, social, political, linguistic and aesthetic aspects. Illustrations primarily drawn from non-literate cultures throughout the world.
- 260 PEOPLES OF THE WORLD (5) Sp
Historical survey of world culture areas, exclusive of Europe; regional variations in culture; major world racial groupings. Materials drawn from Africa, Asia, Oceania and the Americas.
- 360 INDIAN CULTURES OF THE PACIFIC NORTHWEST (3) Sp
Racial, linguistic and cultural status of Indians on the Northwest Coast before white contact; culture change and contemporary Indian life in the Pacific Northwest.

ART

Assistant Professor, ARMETTA MEDLOCK; Lecturer, HARRY BEASLEY;
Lecturer, ARTHUR L. LUSH

The aim of all the Art Courses is creative effort based on fundamental art principles. The courses are offered to fulfill a threefold need: (1) to meet the Art requirements for teaching certification; (2) to give a basic art foundation; (3) to open a new field for individual expression and enjoyment.

Requirements for Major. A total of forty-five credits in the department, twenty-four of which must be upper division, and including courses 101, 202, 119, 120, eight hours in history and art appreciation, fifteen hours in drawing and painting.

OFFERED EACH YEAR

- 178 ART APPRECIATION (3) Au
This course is planned for those interested in the part that art plays in everyday life. It also includes a brief study of artists, sculptures and architects.
- 213 LETTERING (3) Sp
A course in lettering based upon principles of design. Brush and pen techniques. Free hand work.
- 316 SCULPTURE (2) Au
Basic principles of sculpture. Various methods and materials experienced, with emphasis on the appreciation of sculptural form. Basic art recommended but not absolutely necessary.
- 325 FIGURE DRAWING (2) Wi
Prerequisite 119 or 120.
The fundamentals of figure sketching and drawing. Understanding the form and design found in the human figure by the use of draped forms.
- 336 ART FOR TEACHERS (2) Au Wi Sp
Work in finger paint, illustrating stories, paper cutting, etc. Work suitable for general school work with emphasis upon individual teaching needs.
- 449 WORKSHOP IN CRAFTS (2) Su
Prerequisite, teaching or church leadership experience.
Primarily for teachers but helpful for church youth leaders, and camp craft workers. Solve group and individual craft problems.

- 459 ELEMENTARY ART WORKSHOP (2) Su Sp
Prerequisite, teaching experience.
Elementary teachers solve individual problems. Group work on art ideas for their grade level. Experimentation and practice with unfamiliar media and techniques will be encouraged.
- 469 WORKSHOP IN ELEMENTARY ART ACTIVITIES (2) Su Sp
Prerequisite, teaching experience.
Elementary teachers solve individual problems, related helps and their use will be presented. Preparation of bulletin boards, the use of room decorations and the use of films emphasized.

OFFERED ALTERNATE YEARS

- 101 DESIGN (3) Au 60-61
A study of the principle of art structure, their development through original problems; an appreciation of the fine arts.
- 119 DRAWING (3) Wi 61-62
Charcoal and chalk sketches from life and still life. At least one abstract drawing.
- 120 DRAWING (3) Wi 60-61
Charcoal and chalk sketches from life and still life. At least one abstract drawing.
- 202 DESIGN (3) Au 61-62
Application of design principles in practical problems. Techniques in use of pencil, ink, crayon, paint, paper, etc.
- 205 WATERCOLOR (2) Sp 60-61
A beginning class in watercolor, designed to give an understanding and use of the techniques and methods. Emphasis placed upon freedom and experimentations of materials.
- 223 WEAVING (2) Sp 60-61
Designed to give experience in simple weaving constructions using reed, raffia and other related materials. Includes the weaving of mats, baskets, trays, etc. Individual projects and creative ideas encouraged.
- 268 ELEMENTARY ARTS AND CRAFTS (3) Au 60-61
For teachers and religious workers. Elementary problems in varied materials as cut paper, weaving, mache, gimp, yarn, etc.
- 281 SILK SCREEN PROCESSES (3) Sp 61-62
Principles of art applied to silk screen print making. Techniques include paper stencil, nu-film, and blackout methods. Beneficial in making many copies of posters, program covers, cards and pictures.
- 301 ARTS AND CRAFTS FOR THE CAMP AND RECREATIONAL PROGRAM (3) Sp 60-61
Designed to help those who plan to work with children in a camp or recreational situation. Especially beneficial to the elementary teacher or church camp worker. Gives an understanding of aims, suggestions and methods for the leader. Accumulate usable ideas which make the most of the camp situation. Work with materials and equipment available or easily secured.
- 315 CERAMICS (2) Sp 61-62
Designing and constructing simple clay forms in slab, coil, casting and modeling.
- 317 CERAMICS (2) Sp 60-61
Designing and constructing simple clay forms in slab, coil, casting and modeling.
- 323 WEAVING (2) Sp 60-61
Practice in threading the loom, working out patterns and loom weaving.

- 341 OIL PAINTING (3) Sp 61-62
Prerequisite, 119 or 120.
Painting still life and composed pictures in oil with lectures on composition.
- 378 ARTS AND CRAFTS (3) Sp 61-62
Design and construction in leather, plastics, textile, etc. A course for teachers and hobbyists.
- 380 HISTORY OF ART (3) Wi 61-62
A study beginning with pre-historic art and continuing until Renaissance. Emphasis upon sculpturing, architecture and minor arts.
- 381 HISTORY OF ART (3) Wi 60-61
Art from Renaissance to present day. Emphasis is placed upon a study of artists and their painting.
- 435 APPLIED PRINCIPLES OF ART (2) Offered on demand
A special practical study of some art problems as stage design, window display, etc.
- 496 READINGS IN ART (1-3) Offered on demand
Readings in specific areas designated at the time of registration.

BOTANY

Professor, CHARLES F. SHOCKEY

- 101 GENERAL BOTANY (5) Au
A study of the morphology, physiology, and reproduction of plants, including a general consideration of their nature, growth, distribution, and use. Three lecture periods and two two-period laboratory sessions each week.
- 102 SURVEY OF THE PLANT KINGDOM (5) Wi
Prerequisite, Course 101
A study of the nature, structure and life histories characteristic of the various kinds of plants such as the algae, fungi, mosses, ferns, and seed plants. Three lecture periods and two two-period laboratory sessions each week.
- 115 SURVEY OF BIOLOGICAL SCIENCES (BOTANY) (2½) Su
For description, see Zoology 115
- 471 GENETICS AND EUGENICS (2½) Su
Prerequisite, Course 101 or permission.
For description see Zoology 471.

CHEMISTRY

Professor, BURTON D. DIETZMAN; Associate Professor, ANDREW F. MONTANA

A liberal arts college is well equipped to serve students needing Chemistry as a basis for continued training leading to the profession of medicine, engineering, or other fields, for the student wishing to secure a basis for continued study in the sciences and for the student desiring a broad background in the liberal arts.

The Department of Chemistry is organized so that it will be possible to complete one of several curricula by selection of the proper courses.

Requirements for Major: A major in Chemistry requires a total of forty-five quarter hours, including Courses 111, 112, 113, 325, 335, 336, 345, 346, 351, 352, 426 or their equivalents. In addition, majors are expected to complete at least ten hours in German or French; Mathematics through Plane Analytic Geometry and Physics 101, 102, 103.

Students preparing for a professional career in Chemistry should complete sixty or more hours in the Chemistry Department. Recommended courses are 111, 112, 113, 325,

345, 346, 426, 436, 437, 447, 451, 452, 453, and 480. Mathematics through Calculus and Physics 101, 102, 103.

Requirement for education students concentrating on Chemistry in the science broad area teaching major, Option I—the following courses or their equivalent should be completed; Chemistry 111, 112, 113, 325, 335, 336, 345, 346 and 5 hours electives.

OFFERED EACH YEAR

- 101 GENERAL CHEMISTRY SURVEY (5) Wi
In this course the basic laws of chemistry will be applied to a considerable extent to the application of chemistry in biological fields. The course is open to any student desiring to take five hours of work in the field of chemistry. Four lectures and one two-hour laboratory period per week.
- 111, 112 GENERAL CHEMISTRY (5) Au (5) Wi
This is the recommended course for chemistry, physics, pre-medical, and pre-dental students. Structure, theories, and laws are considered in Chemistry 111. Chemistry 112 deals with the properties of the more common elements, and the application of chemical laws to some industrial processes. High school mathematics is recommended. Course 111 is prerequisite for course 112. Three hours lecture, two two-hours laboratory periods, and one quiz section per week.
- 113 QUALITATIVE ANALYSIS (5) Sp
Prerequisite, Course 112.
Elementary qualitative analysis of the cations and anions. A systematic study of the properties and identification of the cations. Several of the more common anions will also be included. Two lecture periods, six hours of laboratory work and one conference hour per week.
- 211 LABORATORY TECHNIQUE (2) Wi and Sp
Deals with glass blowing, repair of laboratory equipment and arrangement of laboratory apparatus.
- 230 ORGANIC CHEMISTRY (5) Sp
Prerequisite, Course 112 or 101
A study of the simpler laws of Organic Chemistry. This course is recommended for students in Nursing, Home Economics, Bacteriology and Public Health, and other students desiring only five hours of Organic Chemistry. Four lecture periods and one two-hour laboratory period per week.
- 325 QUANTITATIVE ANALYSIS (VOLUMETRIC) (5) Au
Prerequisite, Course 112.
This course is included in the recommended pre-medical course. Theory and analytical methods are stressed in this course. Laboratory work will include the use of the analytical balances and volumetric methods. Two lectures, eight hours of laboratory work and one conference hour per week.
- 345 ORGANIC LABORATORY (2) Au
Prerequisite, Course 335 or concurrent with 335 or 435.
Preparation of representative aliphatic compounds. Two three-hour laboratory periods per week. Credit dependent upon completion of Course 335 or 435.
- 346 ORGANIC LABORATORY (2) Wi
Prerequisite, Course 336 or concurrent with 336.
Preparation of properties of several Aromatic compounds with the introduction of Organic Qualitative during the quarter. Two three-hour laboratory periods per week. Credit dependent upon completion of Course 336 or 436.
- 365 ORGANIC PREPARATIONS (2) Sp
Prerequisite, Course 336.
- 465 ORGANIC PREPARATIONS (2) Au, Wi and Sp
Prerequisite, Course 365.

- 480 UNDERGRADUATE RESEARCH (5) Offered on demand.
Prerequisite, 35 hours of chemistry and a B average in chemistry.
 This course may extend over two quarters at the rate of 2½ credits per quarter. In this case the second half must be completed before a grade is given.

OFFERED ALTERNATE YEARS

- 335, 336 ORGANIC CHEMISTRY (3) (3) Au Wi 61-62
Prerequisite, Course 112.
 A study of the principles and theory of Organic Chemistry, including representative compounds in both the Aliphatic and Aromatic series. For Chemistry majors, pre-medics, and other people that qualify.
- 351, 352 PHYSICAL CHEMISTRY (5) (5) Wi Sp 60-61
Prerequisite, Course 325, Physics 103 and Mathematics 105.
 Lectures and laboratory experiments illustrative of the theories and laws of chemical phenomena and their application to definite problems. Three lectures and six hours of laboratory work per week.
- 415 INORGANIC CHEMISTRY (3) Au 61-62
- 426 ADVANCED QUANTITATIVE ANALYSIS (5) Au 60-61
Prerequisite, Course 325.
 Additional work in the field of Quantitative Analysis with introduction of electrical and optical methods in analytical work.
 Two hours lecture and three three-hour laboratory periods per week.
- 435, 436, 437 ORGANIC CHEMISTRY (3) (3) (3) Au Wi Sp 60-61
Prerequisite, Course 112.
 A comprehensive survey of the Chemistry of the compounds of carbon. Emphasis is placed on nomenclature, characteristic reactions, and synthesis of the most important classes of organic compounds with an introduction to the modern electronic theories and the mechanism of organic reactions.
- 447 ORGANIC QUALITATIVE ANALYSIS (3) Sp 61-62
Prerequisite, Course 346.
 A study of the principles and experimental techniques used in the identification and characterization of organic compounds. Includes lecture and laboratory work.
- 451, 452, 453 PHYSICAL CHEMISTRY (5) (5) (5) Au Wi Sp 61-62
Prerequisites, Course 325, Physics 103, and Calculus or concurrent with Calculus.
 Lectures and laboratory experiments illustrative of the theories and laws of chemical phenomena, and their application to definite problems. Three lectures and six hours of laboratory work per week.

ECONOMICS AND BUSINESS ADMINISTRATION

Professor, MENDAL B. MILLER; Instructor, CHARLES W. DOHNER; Part-time Instructor, LUCILLE BAILEY; Assistant Professor, LUCILLE PILOT; Lecturer, URBAN KRIBBS; Lecturer, HARRY M. DIXON; Assistant Professor, YUNG-PING CHEN; Lecturer, CLAYTON TISSELL; Lecturer, PAUL T. WALLS

Courses in this department are designed to promote a more intelligent and articulate citizenship, as well as to provide specialized training for those entering government service, business and industry.

A major in the department of Economics and Business consists of a minimum of forty hours of which at least twenty must be upper division. The courses required are chosen in consultation with the advisor to serve the student's field of interest.

For information concerning certification requirements, majors and proper sequence of courses, refer elsewhere in this catalogue under "School of Education."

OFFERED EACH YEAR

- 115 MATHEMATICS OF BUSINESS (5) Wi
Prerequisite 1 year High school algebra.
 A course designed to give students of economics and business a working knowledge of the mathematics of various business problems: discounts, interest, installment buying, bonds, annuities, amortization, insurance, depreciation.
- 152 BEGINNING TYPEWRITING (2) Au
 A preliminary course in the principles and practices of touch typewriting for students who have had no formal typewriting course heretofore.
 Minimum of three practice periods per week.
- 153 INTERMEDIATE TYPEWRITING (2) Wi
Prerequisite, permission of instructor.
 For those who have had beginning courses in typewriting here or elsewhere. Emphasis on neat and accurate letter writing and tabulation.
 Minimum of three practice periods per week.
- 154 ADVANCED TYPEWRITING (2) Sp
Prerequisite, Course 153 or equivalent.
 A continuation of Course 153. Emphasis on building speed and accuracy and the typing of business forms and legal documents. Minimum of three practice periods each week.
- 161 BEGINNING SHORTHAND (3) Au
 An introductory course for students looking forward toward a secretarial career and for those wishing to become proficient in the art of rapid notetaking. *Meets daily.*
- 162 INTERMEDIATE SHORTHAND (3) Wi
Prerequisite, Course 161 or equivalent.
 A continuation of Course 161. Completion of shorthand theory with dictation from 60 to 80 words a minute. *Meets daily.*
- 163 ADVANCED SHORTHAND (3) Sp
Prerequisite, Course 162 or equivalent.
 Broadening of vocabulary; increase in speed of taking dictation from 80 to 100 words a minute; beginning a transcription. *Meets daily.*
- 200 PRINCIPLES OF ECONOMICS (5) Wi
 A foundation course for all courses in economics and business. Study of the capitalistic system, income distribution, business organization, the role of government in economic life, labor organization, national income and debt, business cycles, fiscal policy, and money and banking.
- 201 PRINCIPLES OF ECONOMICS (5) Sp
 A continuation of Economics 200. The theory of price, speculation and risk, the dynamics of demand, competition, and international trade. Selected problems in agriculture, business regulation, distribution and taxation.
- 212 INTRODUCTION TO BUSINESS (5) Au
 The nature of business problems; various types of ownership; physical factors involved in location of business: marketing problem, devices and institutions; managerial controls; and the relation of government to business.
- 251, 252 PRINCIPLES OF ACCOUNTING (5) (5) Au Wi
 A study of the fundamentals of accounting, including the analysis of the objectives of operation and of financial statements. Second quarter, the study of the voucher system, accounting for payrolls and taxes, and for partnerships and corporations.

- 314 PRINCIPLES OF LIFE INSURANCE (2) Au
The personal and business uses of life insurance. Answers to common questions about life insurance programs. For general or preprofessional credit.
- 315 PROPERTY INSURANCE (3) Wi
Basic principles and practices of coverages offered through property, casualty, surety and marine insurance. The Insurance mechanism, carriers, and contracts. Consideration of risk appraisal and loss reduction.
- 316 PRINCIPLES OF SALESMANSHIP (3) Sp
Basic principles of salesmanship, direct selling, sales demonstration, selection of prospects, answering objections. The structure of sales organization and problems of sales management.
- 318 REAL ESTATE (3) Wi
A practical course surveying the various kinds of deeds and conveyances, mortgages, liens, rentals, appraisals and other transactions in the field of real estate and the law governing the same.
- 350 PRINCIPLES OF MANAGEMENT (3) Au
A general study of the principles and techniques of management. The five-functions of managers are reviewed—organizing, staffing, directing, planning, and controlling; the activities in which every manager at any organizational level in any type of endeavor engages.
- 352 SECRETARIAL TRAINING (5) Au
Prerequisite, Courses 154 and 163 or equivalent.
Study of shorthand forms for departmental work; increases in dictation speed to 120 words a minute; transcription.
- 353 ADVANCED SECRETARIAL TRAINING (3) Offered on demand.
Continuation of Course 352. Increase in dictation speed to 140 words a minute and over; work in more specialized fields such as advertising, insurance, law, etc.
- 361 INTERMEDIATE ACCOUNTING (5) Sp
Prerequisite, Course 252.
Review of the nature and form of basic fundamental reports and procedures involved in the compilation of business data; a study of accounting problems relating to the valuation and presentation of property, liability and proprietorship items, and the problems of measurement of profit and loss.
- 405 HUMAN RELATIONS IN BUSINESS (3) Sp
Theoretical background and practical application of ways of thinking and securing understanding of human situations in business. Class discussion of actual business cases. The content of the course will be such as to benefit students in any academic field.

OFFERED ALTERNATE YEARS

- 172 SECRETARIAL BOOKKEEPING (5) Sp 61-62
Basic principles of modern record keeping and accounting theory, with adaptations of these fundamentals to various business and professional situations.
- 262 BUSINESS ENGLISH AND LETTER WRITING (5) Au 61-62
Prerequisite, Course 153 or equivalent.
Review of the fundamentals of grammar, punctuation, and spelling; study of letters of inquiry, order, follow-up, credit and collection, practice in planning and writing business letters.

- 271 OFFICE MACHINES AND FILING (5) Wi 61-62
Prerequisite, Course 153 or equivalent.
Laboratory instruction and practice in the use of selected office machines including the rapid calculator, the comptometer, the dictaphone, the fluid duplicator, and the mimeograph; practice work in indexing, alphabetizing, and filing work by alphabet, numbers, places, and subject. Five practice periods per week.
- 301 ECONOMIC GEOGRAPHY (5) Au 60-61
Survey of world resources and geographical factors affecting their production and distribution.
- 307 FOREIGN TRADE (5) Sp 60-61
Basic principles and practices of foreign trade, including a survey of international organizations.
- 308 INVESTMENTS (5) Wi 61-62
A course designed to familiarize the student with the principles of investment, including corporate securities; municipal, state and federal bonds.
- 310 PUBLIC FINANCE AND TAXATION (3) Au 61-62
The nature, causes and extent of the growth of public expenditures; the sources of public revenue; the shifting and incidence of taxes; and the extent and affects of government borrowing.
- 311 LABOR PROBLEMS (5) Wi 60-61
A study of the structure, policies and operations of labor and management organizations; methods of collective bargaining and settlement of disputes; relation of government to industrial relations and social legislation; law and labor cases.
- 312 BUSINESS LAW (5) Sp 61-62
An introductory course in private law covering the legal basis of business and financial transactions, the law of private property, the law of business associations, and legal institution.
- 320 MONEY AND BANKING (5) Wi 61-62
Monetary theories and banking principles, with special references to contemporary developments in the field of money and banking in the United States; the Federal Reserve System, and banking laws.
- 351 PERSONAL INCOME MANAGEMENT (3) Sp 61-62
A study in personal record keeping, budgets, consumer buying, insurance, legal matters, banking facilities, investments, income tax returns, and other areas related to personal income management.
- 355 TEACHING OF SECRETARIAL SUBJECTS (3) Sp 61-62
Prerequisite, permission of instructor.
A study of the methods of teaching business subjects with special stress on the skill-development procedures in typewriting and shorthand.
- 368 ECONOMIC HISTORY OF THE UNITED STATES (5) Au 61-62
See History 368.
- 401 CORPORATE ORGANIZATION AND FINANCE (3) Au 61-62
Problems in corporate structure and the promotion, financing and financial management of business organizations.
- 403 MARKETING (5) Sp 61-62
A general survey of marketing, channels of distribution, commodity exchanges, wholesalers, retailers, department stores, mail order houses, chain stores, with attention to modern merchandising methods.

EDUCATION

Professor, ERNEST W. HORN; Professor, VIVIAN LARSON; Professor, PHILIP F. ASHTON; Professor, GOLDA B. KENDRICK; Associate Professor, ELMER B. SIEBRECHT; Instructor, PHYLLIS SMITH; Instructor, DOROTHY WIEBE; Instructor, CORA HASTINGS; Part-Time Instructor, ELIZABETH JENKS; Lecturer, EVELYN BUCKLEY; Lecturer, ELVA CASSIDY; Lecturer, GERALD NEWTON; Lecturer, ALLEN J. OLSON; Lecturer, JOHANNA OWEN; Lecturer, LOREN RANKIN; Lecturer, FRED SCHULTZ; Lecturer, MARGARET WOODS.

- 30 STATE MANUAL (0) Au Wi Sp Su
Permission of Education Office.
- 110 NATURE AND PRACTICE OF PLAY (2) Au Wi Sp
A study in the physical development of elementary children with emphasis on healthful living and the preparation of game materials for the preadolescent. Methods of presentation of these materials are stressed as well as actual practice in their presentation.
- 201 FOUNDATIONS OF EDUCATION (4) Au Wi Sp
An overview of the historical, philosophical, sociological, economical, and anthropological aspects of the American school system. This course is required of all students planning to enter the field of teaching. General observations in the public schools are emphasized.
- 220 PHILOSOPHY OF CREATIVITY (2) Au Wi
Through the study of the nature of creativity the true significance of arts education in the realization of fulfillment of human potentialities is stressed.
- 310 KINDERGARTEN METHODS (3)
Observation, participation, reading, and discussion dealing with education and guidance of the kindergarten child.
- 311 ELEMENTARY METHODS (5) Au Wi Sp
Prerequisites, Ed. 201, Psych. 206, Junior Standing.
A study of methods and practices of classroom mechanics, pupil motivation and pupil evaluation built around the subjects of language arts, science, and social studies. Projects dealing with the selection and accumulation of teaching materials and the development of a teaching unit will be emphasized.
- 312 ARITHMETIC FOR THE ELEMENTARY SCHOOL (2) Au Wi Sp
Prerequisites, Ed. 201, Psych. 206, Junior Standing.
Desirable methods and practices in the teaching of arithmetic for the elementary grades.
- 313 DEVELOPMENTAL READING (3) Au Wi Sp
Prerequisites, Ed. 201, Psych. 206, Ed. 312
An examination of methods and materials used in the instruction of the developmental reading program.
- 314 MUSIC FOR THE ELEMENTARY CLASSROOM TEACHER (3) Au Sp
Prerequisite, Music 100 or equivalent.
Survey of materials, proper use of the singing voice, development of rhythmic response and training in music reading.
- 315 STORYTELLING (2½)
The art of storytelling dealing with preparation and adaptation. Emphasis on practice in storytelling to young children.

- 320 CREATIVE DRAMATICS (3) Au Wi Sp
Prerequisite, Ed. 220, Psych. 206
Practical training in Creative Dramatics for those who guide children. Emphasis is placed upon the development of the whole child—socially, emotionally, physically, mentally and spiritually—through pantomime and story dramatization. Opportunities will be provided to (1) become acquainted with the philosophy of Creative Dramatics, (2) survey materials suitable for dramatization at the various age levels, and (3) observe the use of techniques in encouraging constructive creative expression.
- 325 EDUCATIONAL PSYCHOLOGY (3) Au
Prerequisite, Psych. 100 and Psych. 206
Emphasizes the development of the adolescent learned; factors, conditions, and principles. Emphasizes the development of the adolescent learner; factors, conditions, and principles.
- 330 JUNIOR HIGH SCHOOL METHODS (5) Au
A study of the junior high school, its background, place in the educational ladder, objectives, contributions made by the curriculum and extracurriculum to these objectives, methods including the teachers role in the guidance and evaluation program.
- 340 SENIOR HIGH SCHOOL METHODS (5) Wi
A course concerned with the background of the secondary school, its purpose, scope, curriculum, and extracurriculum. Special emphasis is given to methods, including the teacher's role in the guidance and evaluation program.
- 355 METHODS OF TEACHING READING IN THE SECONDARY SCHOOL SUBJECTS (3) Wi
- 356-374 METHODS OF TEACHING SECONDARY SCHOOL SUBJECTS (3 each)
Prerequisites, Ed. 201, Ed. 325, and nine upper division credits in a broad area.
These courses are taught by specialists in each of the fields in which Seattle Pacific College offers training for teacher certification. Each course consists of a study of the problems of teaching special subjects which includes method procedure, materials, and research in the field.
- 356 Methods of Teaching High School Speech
A course in the teaching of speech education particularly fitted for prospective teachers of language arts and speech at the high school, junior college and college level. An historic survey of speech education in America and current teaching methods and problems of the speech classroom and curriculum.
- 357 Methods of Teaching High School Mathematics
- 358 Methods of Teaching High School Art
- 359 Methods of Teaching High School Science
- 360 Methods of Teaching Business Education Subjects
- 361 Methods of Teaching High School English
- 362 Methods of Teaching High School Home Economics Wi
A study of the curriculum in Homemaking Education for Junior and Senior high schools. Problem solving procedures. Consideration of methods and procedures by means of demonstration, observation and visual aids.
- 363 Methods of Teaching High School Music Sp
Survey of materials for the vocal and instrumental programs of Junior and Senior High Schools and methods of presenting them. Preparation of auditorium programs. Methods of teaching general music classes.
- 364 Methods of Teaching High School Social Studies
- 365 Methods of Teaching High School Foreign Language

- 375 STUDENT TEACHING IN ELEMENTARY SCHOOLS (5) Au Wi Sp
Prerequisites, Ed. 201, 325, 330, 355, and permission.
Observation and actual teaching two clock hours of each school day for one quarter exclusive of examination week in selected public elementary schools. Allowance must be made for travel time when considering registration for other courses.
- 376 STUDENT TEACHING IN ELEMENTARY SCHOOLS (16) Au Wi Sp
Prerequisites, Ed. 201, 311, 312, 313, and permission.
Observation and actual teaching all of each school for one quarter in selected public elementary schools. Constitutes the student's full load. For information regarding arrangements and assignments see the "Student Teaching" section of this catalog.
- 380 STUDENT TEACHING IN JUNIOR HIGH SCHOOLS (16) Au Wi Sp
Prerequisites, Ed. 201, 311, 312, 313, and permission.
Observation and actual teaching all of each school day for one quarter in selected public junior high schools. Constitutes the student's full load.
- 384 STUDENT TEACHING IN SECONDARY SCHOOLS (5) Au Wi Sp
Prerequisites, Ed. 201, 311, 312, 313 and permission.
Observation and actual student teaching two clock hours of each school day for one quarter exclusive of examination week in selected public secondary schools. Allowance must be made for travel time when considering registration for other courses.
- 386 STUDENT TEACHING IN SENIOR HIGH SCHOOLS (16) Au Wi Sp
Prerequisites, Educ. 201, 325, 340, 355, Special Methods, and permission.
Observation and actual teaching all of each school day for one quarter in selected secondary schools. Constitutes the student's full load.
- 388 PROFESSIONAL LABORATORY EXPERIENCES—ELEMENTARY LEVEL
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission of the Dean of Education.
A laboratory experience in the public elementary schools including observations, student assistance and teaching. For information regarding arrangements see the "Student Teaching" section of this catalog.
- 389 PROFESSIONAL LABORATORY EXPERIENCES—SECONDARY LEVEL
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisites, permission of the Dean of Education.
An opportunity for those who have finished their elementary student teaching to observe, assist and teach in the public secondary schools. For information regarding arrangements see the "Student Teaching" section of this catalog.
- 406 MENTAL HEALTH IN EDUCATION
Credits vary. Offered at intervals on a rotating cycle.
- 413 PUPIL GROWTH AND EVALUATION (3)
Critical study of tests of intelligence and achievement, and methods of measuring personality and character traits. Training in the organization of test data.
- 414, 415 CURRICULA AND PROCEDURES (3) Su
Prerequisite, student teaching experience.
Action research on problems growing out of teaching experience. Limit of six quarter credits.
- 425-437 COURSES IN THE IMPROVEMENT OF TEACHING (3 each)
Offered at intervals on a rotating cycle.
- 425 Improvement of Teaching Social Studies.
- 426 Improvement of Teaching Physical Education
- 427 Improvement of Teaching Science
- 428 Improvement of Teaching Music

- 429 Improvement of Teaching Reading
- 431 Improvement of Teaching English
- 433 Improvement of Teaching With Audio-Visual Aids (3) Au Wi Sp Su
This is a basic course in Audio-Visual Aids and is designed for seniors and first-year teachers. (1) selection of instructional materials to meet specific needs; (2) utilization of a wide range of materials and techniques in varying situations; (3) instruction in the operation of the motion picture, opaque, film-strip and slide projectors, tape recorders.
- 435 Improvement of Teaching Arithmetic
- 436 Improvement of Teaching Geography
- 437 Improvement of Teaching Creative Dramatics
Prerequisites, Education 220, 320.
- 438 USE OF MENTAL TEST RESULTS IN THE CLASSROOM (3)
Offered at intervals on a rotating cycle.
- 444 PSYCHOLOGY OF EXCEPTIONAL CHILDREN (3)
Offered at intervals on a rotating cycle.
(For description, see Psychology 444.)
- 451-471 WORKSHOPS (2 each)
Offered at intervals on a rotating cycle.
- 451 Workshop in Elementary School Music
- 455 Workshop in the Exceptional Child
- 456 Workshop in Creative Dramatics
- 457 Workshop in Language Arts
- 458 Workshop in Audio-Visual Aids
- 459 Workshop in Art
- 460 Workshop in Creative Dramatics (Advanced)
- 464 Workshop in Safety Education
- 465 Workshop in Secondary School English
- 466 Workshop in Public Relations
- 467 Workshop in Reading
- 468 Workshop in Playground Activities
- 469 Workshop in School Art Activities
- 470 Workshop in Elementary Science Teaching
- 471 Workshop in Social Recreation
- 473 ELEMENTARY EDUCATION SEMINAR (3)
Offered at intervals on a rotating cycle. Prerequisite, permission.
A critical examination of the elementary school with special emphasis on curricula and methods.
- 475 FUNCTIONAL SUPERVISION IN THE PUBLIC SCHOOLS (3)
Offered at intervals on a rotating cycle. Prerequisite, permission.
The improvement of instruction through functional leadership. An opportunity to specialize on either the elementary or secondary level.
- 477 WORKSHOP IN REMEDIAL READING TECHNIQUES (2½) Su
Prerequisite, permission.
A class taken concurrently with Education 487. Clinical procedures in the study of pupils with reading difficulties; corrective methods.

- 478 PRACTICUM IN THE IMPROVEMENT OF INSTRUCTION
Credit varies. Offered on demand. Prerequisite, permission.
 A clinic conducted by the School of Education for a public school district.
- 479 PRACTICUM IN OUTDOOR EDUCATION
Credit varies. Offered on demand. Prerequisite, permission.
 A clinic conducted by the School of Education for a public school district.
- 480 WORKSHOP IN REMEDIAL ARITHMETIC TECHNIQUES (2½) Su
Prerequisite, permission.
 A class taken concurrently with Education 489. Clinical procedures in the study of pupils with arithmetic difficulties; corrective methods.
- 484 SEMINAR IN SECONDARY EDUCATION (3)
Offered on demand.
- 486 STUDENT TEACHING, ADVANCED COURSE
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
 An advanced course in teaching technique, involving student teaching in the public schools.
- 487 DIRECTED TEACHING IN THE READING CENTERS (7) Su
Prerequisite, permission.
 Directed observation and teaching in a remedial room in the public schools. To be taken concurrently with Education 477. Not for Master's Degree except by permission.
- 489 DIRECTED TEACHING IN ARITHMETIC CENTERS (7) Su
Prerequisite, permission.
 Directed observation and teaching in a remedial room in the public schools. To be taken concurrently with Education 480. Not for Master's Degree except by permission.
- 495 UNDERGRADUATE RESEARCH (1-3) Au Wi Sp Su
Prerequisite, permission, and 15 upper division credits of "B" grade work in the department. Not open to graduate students.
- 496 READINGS IN EDUCATION (1-3) Au Wi Sp Su
Prerequisite, permission, and 15 upper division credits of "B" grade work in the department. Not open to graduate students.
 Reading in specific areas designated at the time of registration.
- 501 INTRODUCTION TO GRADUATE RESEARCH (3) Wi Su
Required for M.Ed. degree.
 Research problems in education; historical and scientific methods; design of investigation; bibliographical techniques; methods of reporting results.
- 520 COMPARATIVE EDUCATION (3) Su
 A comparison of the educational system and philosophy of the United States with those of foreign countries.
- 525 PHILOSOPHY OF EDUCATION (3)
Offered at intervals on a rotating cycle. Prerequisite, permission. Required for M.Ed. degree.
 The great educational classics and their meaning for modern man as interpreted through the four main channels of educational philosophy.
- 526 HISTORY OF EDUCATION (3)
Offered at intervals on a rotating cycle. Prerequisite, permission. Required for M.Ed. degree.
 A study of great educational movements, beginning with the Greek and Roman periods.

- 530, 531 CURRICULUM SEMINAR (3)
Offered on demand.
- 532 SEMINAR IN PRIMARY READING (3)
Offered at intervals on a rotating cycle. Prerequisite, permission.
- 534 COCURRICULAR ACTIVITIES (3)
 A comprehensive study of all phases of the cocurricular program. Open to elementary as well as to junior and senior high school teachers and administrators.
- 538 JUNIOR HIGH SCHOOL PROBLEMS (3)
 A study of the functions and practices of junior high schools.
- 540 CURRENT EDUCATIONAL PROBLEMS (3)
Offered at intervals on a rotating cycle. Prerequisite, permission. Required for M.Ed. degree.
 A discussion of current problems, involving aims, functions and agencies in the field of teaching and related areas which affect education. Current periodicals and journals are used.
- 568 GUIDANCE AND SUPERVISION OF STUDENT TEACHERS
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
- 580, 581 EDUCATIONAL ADMINISTRATION (3) (3)
Offered at intervals on a rotating cycle. Prerequisite, permission.
 Background, structure, methods and problems of administration of the public schools.
- 582 SECONDARY ADMINISTRATION (3)
Offered at intervals on a rotating cycle.
- 583 ELEMENTARY ADMINISTRATION (3)
Offered at intervals on a rotating cycle.
- 585 INTERNSHIP IN ADMINISTRATION
Credits vary. Offered on demand.
- 595 RESEARCH Au Wi Sp Su
Credits vary. Prerequisite, permission.
 Individual research on specific subjects designated at the time of registration.
- 597, 598, 599 THESIS (3) (3) (3) Au Wi Sp Su
Prerequisite, permission.
 The special study or thesis course.

ENGINEERING

Instructor, HAROLD R. VAN VALIN

Entrance requirements. In addition to meeting all of the general requirements for admission to Seattle Pacific College, the high school graduate entering study in the engineering course should present a high school record showing three years of math, and one year each of chemistry and physics, with a 2.00 ("C") average in at least nine academic units.

First Year Engineering Curriculum					
SPRING		WINTER		AUTUMN	
	Credits		Credits		Credits
Math. 105	5	Math. 104	5	Math. 103	5
Chem. 113	5	Chem. 112	5	Chem. 111	5
Engr. 121	3	Engr. 112	3	Engr. 111	3
Engr. 103	3	Engr. 102	3	Engr. 101	3
P. E. Act.	1	P. E. 160	2	P. E. Act.	1
	17		18		17

The curriculum for second-year Engineering students will be arranged on an individual basis, depending on the specific major field (Mechanical, Civil, Chemical or Electrical Engineering).

- 101 ENGINEERING GRAPHICS (3) Au
Training in the use of drawing instruments, free hand lettering and sketching. Orthographic, auxiliary and isometric planes of projection.
- 102 ENGINEERING GRAPHICS (3) Wi
Prerequisite, Engineering 101.
Reading and interpretation of engineering drawings; making acceptable engineering drawings and graphs; study of shop practices, drafting standards, tables, and other references.
- 103 DESCRIPTIVE GEOMETRY (3) Sp
Prerequisite, Engineering 102.
Drawing board solution for problems of geometrical nature. A designated system for solving problems of the dimensions by means of a drawing based on the principles of orthographical projection.
- 111 ENGINEERING PROBLEMS (3) Au
Prerequisite, High School Physics, advanced algebra and trigonometry or concurrent with trigonometry.
Training in methods of work habits, solution of engineering problems by analysis technique. An elementary study of the principles of dynamics.
- 112 STATICS (3) Wi
Prerequisite, Engineering 111.
Fundamental principles of statics; mathematical analysis of force systems, forces in frames and trusses.
- 121 PLANE SURVEYING AND MEASUREMENTS (3) Sp
Prerequisite, Engineering 102, Mathematics 104.
Methods of surveying with experience in the use of instruments and practical problems. The theory of measurements and errors.
- 202 WELDING (1) Au
Training in the theory and practical application of various types of welding. Laboratory.
- 203 METAL MACHING (1) Sp
Introduction to basic metal machining methods. Fundamental training in the use of machine tools, layout tools and measuring tools.
- 224 ELECTRIC CIRCUITS (5) Wi
Prerequisite, Physics 203.
Basic concepts of electric circuits, including inductance and capacitance. Includes study of Ohm's Law, Kirchoff's Law, Thevinin's Theorem, Norton's Theorem, superposition theorem and study of electric and magnetic fields.
- 260 MECHANISM (3) Au
Prerequisite, Engineering 103, Mathematics 105.
A study of the transmission of motion by gears, cams, links, and flexible couplings. Mathematics 105 may be taken concurrently with permission of the instructor.
- 270 ENGINEERING REPORT WRITING (2) Sp
Prerequisite, English 101.
Practical problems in logical and attractive presentation of technical material; use of charts; diagrams, etc.; accepted abbreviations; proper bibliographical usages.

- 291 DYNAMICS (3) Wi
Prerequisite, Engineering 112, Mathematics 105, Physics 201.
A study of motion and resistance; energy, work, power, momentum, impulse. Physics 201 may be taken concurrently with permission of the instructor.
- 292 MECHANICS OF MATERIALS (3) Sp
Prerequisite, Engineering 291.
A study of deformation, normal and shearing stresses in tension members, beam and columns. Torsional stresses and deformations.
- 293 DYNAMICS AND MECHANICS OF MATERIALS (3) On demand.
Prerequisite, Engineering 292
A continuation of Engineering 292 with emphasis on more involved engineering applications.

ENGLISH

Associate Professor, DONALD McNICHOLS; Assistant Professor, ELEANOR F. TATE; Instructor, LEON ARSKEY; Part-Time Instructor, WILLIAM HANSEN; Part-Time Instructor, ROSS SENFF

The English department prepares the student for richer, fuller and more useful living by training him in clear, effective thinking; by developing his power in creative expression with words; by providing acquaintance with the treasures of books, those printed records of the adventure of great minds in the past. The courses taught in this department promote greater understanding of life and of people, wider enjoyment of living, and more successful performance in any avenue of life involving the use of words.

Because literature is simple life transferred to the printed page, courses in this department give emphasis to Christian perspectives.

English 101 - 103 are prerequisite to all other courses in the department. Exception will be made only in unusual circumstances, with the written permission of the department head or of the instructor.

Students majoring in English must earn forty-five credits exclusive of English 101 - 103, twenty-three of which must be in courses numbered above 300. Courses 241, 242, 243, 341 or 342, 475 and 445 are required, together with one course in American literature. Credits not to exceed five from the Speech and/or Journalism department may be applied toward a major in English. As a supporting subject, History 329 is strongly recommended. Electives recommended for English major include courses in philosophy, history (including the history of art and history of music,) foreign language and literature, and speech. Greek 310, Greek Literature in Translation; and Latin 311, Latin Literature in Translation, are both accepted for credit towards the English major.

Students earning teaching certificates with English as one of their subject fields should include the following in their preparation: one lower division literature sequence (221, 222, 223; or 231, 232, 233; or 241, 242, 243); one advanced writing course; at least one upper division literature course.

OFFERED ALTERNATE YEARS

- 100 FUNDAMENTALS OF ENGLISH COMPOSITION (3) Au
A review of grammar and English usage, especially sentence construction, for those whose achievement in the entrance test shows need for further preparation before English 101.
- 100f ENGLISH FOR FOREIGN STUDENTS (3) Au
A study of English fundamentals for foreign students.
- 101 INTRODUCTION TO FACTUAL WRITING (3) Au, Wi
A study of clear, forceful writing, based upon the reading of significant essays.

- 102 THE RESEARCH PAPER (3) Wi, Su
A study of the college course paper emphasizing reference sources, methods of gathering material, annotation, and bibliography.
- 103 INTRODUCTION TO LITERATURE (3) Sp, Su
An introduction to imaginative writing with special attention given to interpretation and evaluation.
- 221 INTRODUCTION TO POETRY (3) Au
A study of various types of poetry, designed to provide a foundation for lifelong enjoyment reading. Informal class discussion of memorable poems, with elementary analysis of the qualities in and value of poetry.
- 222 INTRODUCTION TO THE SHORT STORY (3) Wi
Appreciative class study and analysis of the short story.
- 223 INTRODUCTION TO DRAMA (3) Sp
Reading of representative dramas from ancient and modern literature. Provides an understanding of how a dramatist works and of the drama as a means of interpreting human experience.
- 241, 242, 243 SURVEY OF ENGLISH LITERATURE (3) (3) (3) Au, Wi, Sp
A study of some of the finest and most delightful of literature, produced by British writers. Beginning with the virile rhythms of Beowulf, the course follows chronologically such adventures in thought as Shakespeare, Bunyan, Milton and Browning.
- 284 EXPOSITORY WRITING (2) Au
A continuation of skills developed in English 102. Training in explanatory writing such as the paper of definition and the process paper. Especially valuable for ministerial students and for those whose vocations will require report writing.
- 285, 286 CREATIVE WRITING (2) (2) Wi, Sp
A flexible course adapted to the interests of individual writers. Opportunity for experimentation with figures of speech and with various verse forms as well as fiction and drama.
- 308 ADVANCED GRAMMAR (3) Sp, Su
Principles of good English usage with emphasis on the relationship of units within the sentence. Valuable for prospective teachers, preachers, missionaries, and others to whom language is a primary tool.
- 331 AMERICAN LITERATURE (3) Au
A study of literature produced by New England writers. Includes Emerson's essays, Hawthorne's imaginative dealing with sin and conscience, Thoreau's out-of-door meditations, and other examples of the rich legacy left by New England authors.
- 332 AMERICAN LITERATURE (3) Wi
A study of the novel in America, especially as it is handled by novelists Mark Twain, William Dean Howells, and Henry James.
- 333 AMERICAN LITERATURE (3) Sp
Contemporary fiction in America including such authors as Sinclair Lewis, F. Scott Fitzgerald, John Steinbeck, William Faulkner, Ernest Hemingway, Virginia Woolf, Willa Cather.
- 361 LITERATURE FOR TEACHERS (3) Au, Sp, Su
A course designed to assist teachers in selecting and teaching literature appropriate for the various levels.

- 445 MILTON (5) Sp
A study of the inspiring poetry of John Milton—statesman, scholar, and devout Christian. Special emphasis on the great religious poems, *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*. Especially recommended for ministerial students.
- 475 CHAUCER (5) Au
A study of selections from *The Canterbury Tales* and other works of Geoffrey Chaucer. Emphasis on the lyric beauty of Chaucerian verse and on Chaucer as a spokesman for his age, especially in religion.

OFFERED ALTERNATE YEARS

- 316 WORLD LITERATURE (5) Wi 61-62
A study of the literature produced by European writers beginning with Dante.
- 341 SHAKESPEARE (5) Wi, Su 61-62
Lectures and class discussion illuminating the wit and fun of perennial favorites such as *Twelfth Night* and *As You Like It*, or providing acquaintance with the oratory, pageantry and pomp of Shakespeare's great history plays.
- 342 SHAKESPEARE (5) Wi, Su 60-61
Study of plays from England's greatest playwright. Analysis of literary techniques, concept of human nature, aspects of Elizabethan tradition and memorable lines.
- 347 SEVENTEENTH CENTURY LITERATURE (5) Au 61-62
A study of the eloquent prose and brilliant verse produced by the tense and turbulent seventeenth century. Special attention to the devotional verse of Herbert, Donne, and others who are among the most gifted poets Christianity has produced.
- 348 EIGHTEENTH CENTURY LITERATURE (5) Au 60-61
Study of outstanding individual writers and the currents of thought in the "age of form." Includes Dryden's wit, Swift's satire, Defoe's journalism, Johnson's genial didacticism, Burns' Scottish melodies.
- 349 THE ENGLISH NOVEL (5) Sp 60-61
Investigation of the eighteenth century English novel, with reading and discussion of works by the more important pioneers in prose fiction from Daniel Defoe to Sir Walter Scott.
- 350 THE ENGLISH NOVEL (5) Sp 61-62
Reading and study of novels by the master craftsmen of the mid-nineteenth century and later, including such perennial favorites as Dickens, Thackeray, and George Eliot.
- 353 ROMANTIC LITERATURE (5) Sp 60-61
Study of the works produced by the writers who achieved fame during the "romantic period," the early nineteenth century, including Wordsworth, Coleridge, Keats, Shelley and Byron.
- 355 VICTORIAN LITERATURE (5) Au 61-62
Writings of the late nineteenth century, a period rich with ideas and prolific in producing literature which is widely enjoyed by the general reader.
- 357 CONTEMPORARY ENGLISH AND AMERICAN PROSE (2) Wi 61-62
A course designed to help the student's orientation to the world in which he is living. Analysis of modern thought currents as revealed in prose by writers whose names are prominent in magazines and booksellers's lists of today and the recent past.
- 358 CONTEMPORARY ENGLISH AND AMERICAN POETRY (3) Wi 61-62
Guided reading and analysis, leading to intelligent enjoyment of the stimulating content and subtle rhythm in the work of leading present-day poets. Explorations of work by Eliot, Frost, Auden, Sandburg and others.

- 370 HISTORY OF THE ENGLISH LANGUAGE (3) Wi 60-61
A scrutiny of the evaluation of modern American grammar and usage in its development from the vigorous, fully inflected Old English to its modern polyglot quality. Attention to the continuing interaction of language, literature, government and culture.
- 408 METHODS OF TEACHING SECONDARY SCHOOL ENGLISH (3) Su 61-62
A study of techniques and methods of teaching English on the secondary level.
- 411 CURRENT AMERICAN LITERATURE (3) Su 61-62
Designed to bring the teacher and others up to date in the best current writing of literary authors in fiction, non-fiction and biography. Special attention is given to methods of interpretation, evaluation, and techniques of book reviewing.
- 450 VICTORIAN POETRY (5) Au 60-61
A consideration of the poetry of Robert Browning, Alfred Tennyson, and Matthew Arnold.

FRENCH

Professor, GOLDA B. KENDRICK

Requirements for majors: 40 credits above Course 103, or equivalent.

Students with high school credits in French may enter any course for which they have the prerequisites. Those presenting no credits in French from the high school begin with French 101. *The upper division courses are offered according to demand.*

- 101-102, 103 ELEMENTARY FRENCH (5) (5) (5) Au, Wi, Sp
Prerequisite for French 103, French 102 or three high school semesters or equivalent.
- 204, 205, 206 INTERMEDIATE FRENCH READING (3) (3) (3) Au, Wi, Sp
Prerequisite for French 204, French 103 or four high school semesters or equivalent.
- 207, 208, 209 INTERMEDIATE FRENCH COMPOSITION (2) (2) (2) Au, Wi, Sp
Prerequisite for French 207, French 103 or equivalent.
- 301, 302, 303 ADVANCED SYNTAX AND COMPOSITION (2) (2) (2) Au, Wi, Sp
Prerequisite, French 209 or equivalent.
Review of intermediate French grammar. Detailed and organized study of grammar and syntax. *May be arranged on individual basis.*
- 304, 305, 306 ADVANCED READING (3) (3) (3) Au, Wi, Sp
Prerequisite for French 304, French 206 or equivalent.
Study of French literary masterpieces. Correlation with the syllabus required for French majors for B.A. degree.
- 210, 211-12, 310, 311-12, 410, 411-12 READINGS IN FRENCH (1-3) (1-3) (1-3) Au, Wi, Sp
Individual supervised reading to meet individual needs.
- 321 FRENCH DRAMA (2) Au
Prerequisite, French 206 or 209 or equivalent.
- 322 LYRIC POETRY (2) Wi
Prerequisite, French 206 or 209 or equivalent.
Study of versification. Rapid survey of the development of French poetry with reading and analysis of selected French poems.
- 334, 335, 336 STUDIES OF FRENCH CULTURE (3) (3) (3) Au, Wi, Sp
Supervised readings in French in an area of major interest. Individual research projects to correlate with reading. Weekly progress reports.

- 337, 338, 339 READINGS ON FRENCH CIVILIZATION (1) (1) (1) Au, Wi, Sp
Supervised readings in French on history, art, architecture, science, literature or music according to special interest.
- 340, 341, 343 TECHNIQUES IN FRENCH TEACHING (2) (2) (2)
Prerequisite, French 304 or equivalent.
Consideration of aims, problems, methods, modern techniques and devices for teaching French on elementary and secondary levels. *Since this course coordinates with the School of Education, the quarter offered varies according to need. May be arranged on individual basis.*
- 431, 432, 433 SURVEY OF FRENCH LITERATURE (3) (3) (3) Au, Wi, Sp
Prerequisite, French 304 or equivalent.
Lectures in French with required readings, correlated with the syllabus for French majors for B.A. degree.

GERMAN

- 101 ELEMENTARY GERMAN (5) Au
Grammar, composition, reading with conversation. Collateral required in all courses. No credit given until course 102 is completed.
- 102 ELEMENTARY GERMAN (5) Wi
Prerequisite, Course 101.
Continuation of Course 101 with graded readers.
- 103 ELEMENTARY GERMAN (5) Sp
Continuation of Course 102 with more advanced reading.
- 204 INTERMEDIATE GERMAN (3) Au
Prerequisite Course 103 or two years in high school.
A thorough review of grammar with composition and reading from modern writers with conversation.
- 205 INTERMEDIATE GERMAN (3) Wi
Reading in classical literature with composition and conversation.
- 206 INTERMEDIATE GERMAN (3) Sp
Continuation of Course 205.

GREEK

Professor, WINIFRED E. WETER

Requirements for Majors: Forty-five credits in Greek and History 210. At least one year in Latin or a modern language and Philosophy are suggested as supporting subjects.

- 201-202, 203. ELEMENTARY GREEK (5) (5) (5) Au, Wi, Sp 60-61
No credit for Greek 201 until Greek 202 is completed.
Grammar and composition with reading of selections from Xenophon, *Anabasis*, in the Spring quarter.
- 304 COMPOSITION AND SYNTAX (3) Au 61-62
Prerequisite, Greek 203.
Thorough review of grammar, with practice in writing Greek prose.
- 305 HOMER (3) Wi 61-62
Prerequisite, Greek 203.
Selections from the *Iliad*.

- 306 PLATO (3) Sp 61-62
Prerequisite, Greek 203.
Reading of the Apology, Crito, and selections from the Phaedo.
- 307, 308, 309 NEW TESTAMENT GREEK (2) (2) (2) Au, Wi, Sp 61-62
Prerequisite, Greek 203 or the equivalent.
One Gospel. Selections from Acts, Introduction to textual problems and exegesis.
- 310 GREEK LITERATURE IN TRANSLATION (3) Offered according to demand.
Reading of the masterpieces of Greek literature in English, with lectures and discussion. Does not count toward a major in Greek.
- 325, 326 READINGS IN GREEK PROSE (3) (3) Offered according to demand.
Prerequisite, 306.
Reading of selections from Herodotus, Plato and/or the Attic Orators.
- 327 LYRIC POETRY (3) Offered according to demand.
Prerequisite Greek 305.
- 334, 335, 336 GREEK DRAMA (3) (3)(3) Au, Wi, Sp 60-61
Prerequisite, Greek 305 and 306.
Reading of one play each of Aeschylus, Sophocles and Euripides, with lectures and supplementary reading on the development and presentation of Greek Drama.
- 401, 402, 402 ADVANCED NEW TESTAMENT GREEK (2) (2) (2)
Prerequisite, Greek 309 or the instructor's permission. Au Wi Sp 60-61
Reading and exegesis of material from the Greek New Testament selected to meet the needs and interests of the students.

HISTORY

Professor, CLIFFORD E. ROLOFF; Assistant Professor, GAIL M. KISER;
Assistant Professor, ROY SWANSTROM

Requirements for Majors: Students planning to major in history are required to complete forty-five credits, including History 111, 112, and 210. Courses should be well distributed between the European and American fields and must include twenty-three hours of upper-division credit. The history department also requests that students majoring in history complete at least one basic course in each of the fields of sociology, economics, political science, and philosophy. Students who are planning to do graduate work in history should acquire a mastery of French or German, or both.

Requirements for Certification: Candidates for teaching certification who are electing Option I with social studies as their One-Area Teaching Major, and with a concentration in history, are required to complete History 111, 112, and 360, and provide for a good distribution of courses between the European and American fields. No specific history requirements are made for Options II and III, other than History 360.

OFFERED EACH YEAR

- 111 MEDIEVAL EUROPE (5) Au
The political and cultural development of Western Europe from the decline of Rome to the close of the fifteenth century.
- 112 MODERN EUROPE (5) Wi
A continuation of History 111 from the Protestant Reformation to the present.
- 142 UNITED STATES, 1783-1865 (5) Au
A survey of the political, social, economic, and cultural development of the United States from the time of the Confederation through the Civil War.

- 143 UNITED STATES, 1865 TO THE PRESENT (5) Wi
A continuation of History 142 from the beginning of the Reconstruction Period to the present day.
- 210 ANCIENT HISTORY (5) Sp
A survey of the ancient world including a study of the Tigris-Euphrates civilizations, the Egyptian kingdoms, the Greek city state, Alexander's empire, and Rome to the decline of the empire in the fifth century.
- 319 TWENTIETH-CENTURY EUROPE (5) Au
A study of important developments in Europe from World War I to the present, with special emphasis on causes of World War II.
- 340 CHURCH HISTORY (5) Au
A comprehensive survey of the Christian Church from Apostolic days to the twentieth century. Special emphasis will be given to a study of the establishment of the church and of the Reformation.
- 360 HISTORY OF THE PACIFIC NORTHWEST (3) Wi, Sp; (2½) Su
A study of the history of the Pacific Northwest beginning at the discovery period, with emphasis upon the history and government of Washington.

OFFERED ALTERNATE YEARS

- 225 HISTORY OF ENGLAND (5) Sp 60-61
A study of the development of England from Roman times to the present.
- 279 HISTORY OF THE FAR EAST I (3) Au; (2½) Su 60 60-61
A survey course designed to acquaint the student with the major political, economic, social and religious forces in this area. The major emphasis is upon China and Japan.
- 280 HISTORY OF THE FAR EAST II (3) Wi; (2½) Su 60 60-61
A continuation of History 279 with emphasis on India, Pakistan, and Southeast Asia.
- 337 MODERN RUSSIA (5) Sp 61-62
A social and political history of modern Russia with special attention given to the revolutionary movement and the establishment of the Soviet regime.
- 341 COLONIAL AMERICA (5) Au 60-61
A study of early colonization enterprise in the western hemisphere with special emphasis upon the development of the Atlantic seaboard colonies and the American Revolution.
- 368 ECONOMIC HISTORY OF THE UNITED STATES (5) Au 61-62
A study of the economic development of the United States, beginning with the discovery period and tracing the influence of economic factors throughout American history.
- 374 HISTORY OF LATIN AMERICA I (3) Au; (2½) Su 61 61-62
A study of the colonial period including the racial and cultural background of the Latin-American peoples.
- 375 HISTORY OF LATIN AMERICA II (3) Wi; (2½) Su 61 61-62
A continuation of History 374 with emphasis on the development and progress of the republics.
- 381 MODERN CHINA (5) Sp 60-61
A study of the period from 1840 to the present, covering the modernization of China, internal crises, international relations, and rise of Communist China.

- 387 MODERN JAPAN (5) Sp 61-62
Beginning with 1850 this course traces the rise of Japan to leadership in Asia, together with developments in Japan since World War II.
- 413 RENAISSANCE AND REFORMATION (5) Sp 60-61
Study of the Italian Renaissance and its influence upon Europe together with the origin and subsequent development of the Protestant movement throughout Europe.
- 415 THE REVOLUTIONARY ERA IN EUROPE, 1789-1848 (5) Au 60-61
A study of Europe from the fall of the Old Regime in France to the Revolutions of 1848.
- 417 EUROPE, 1848-1914 (5) Au 61-62
A study of Europe from the Revolutions of 1848 to the beginning of World War I.
- 430 GREAT ISSUES IN EUROPEAN HISTORY (2½) Su 60
A study of selected issues in European history which have inspired sharp disagreement. Historical literature representing opposing points of view will be presented.
- 446 UNITED STATES-EARLY NATIONAL PERIOD (5) Wi 61-62
A study of the United States history from the close of the American Revolution to the War of 1812, with special stress on formation of the Constitution and inauguration and development of the new government.
- 449 THE AMERICAN CIVIL WAR (5) Wi 60-61
A study of the causes, events, and interpretations of the American Civil War.
- 452 EARLY TWENTIETH CENTURY AMERICA (2½) Su 60
A study of the United States from the turn of the century to the end of World War I.
- 455 RECENT UNITED STATES HISTORY (2½) Su 61
A study of political, economic, social, and cultural history of the United States from the close of World War I to the present.
- 467 GREAT ISSUES IN AMERICAN HISTORY (2½) Su 61
A study of selected issues in American history which have inspired sharp disagreement. Historical literature representing conflicting points of view will be discussed.
- 497 HISTORIOGRAPHY AND RESEARCH (5) Sp 61-62
A survey of major historians and schools of historical interpretation and an introduction to methods of research. Investigation and reports by students.

HOME ECONOMICS

Assistant Professor, DOROTHY KREIDER; Instructor, FLORA BURNS

Courses in Home Economics are designed and organized to meet the needs of three groups:

- (1) Those desiring to major with a B.A. degree. This program is built around the basic liberal arts curriculum. Fifty credits are required in Home Economics, eighteen of these must be upper division. The following related courses are required: Education 206, Sociology 352. It is advised that Physics 115, Chemistry 101, and 230 be taken.
- (2) Those desiring to major with a B.S. degree. This program is developed around the science pattern. In addition to the departmental requirements for a B.A. degree, it is required that twenty-five credits be earned in the fields of science. These are to be selected under advisement.
- (3) Those desiring Education Credentials with a Fine and Applied Arts teaching major in preparation for Home Economics secondary teaching. In addition to the requirements specified by the School of Education; one must earn forty-five credits in Home Economics. These are to be outlined by the department.

Only Land Grant Collges may offer vocational certification for Home Economics teaching. Our department offers all supporting courses toward such certification. In addition to completing our major requirements, additional credits in Home Economics must be taken from a Land Grant College. We advise these be taken the fifth year. Our graduates not vocationally certified are eligible to teach in all non-vocational high schools.

- 100 ORIENTATION TO HOME ECONOMICS (2) Au
First course to be taken by all home economics majors. Designed to give general information concerning the entire field of home economics. Emphasis is given to personal and professional interests of individual students.
- 103 BASIC DESIGN (5) Au
A lecture course providing for creative problems in the use of line and color. Emphasis is upon the application of the principles of art in the areas of clothing selection, house design and furnishings, table appointments and flower arrangement.
- 119 NUTRITION FOR NURSES (3) Wi
Principles of nutrition presented to meet the needs and interests of the student of nursing.
- 130 NEEDLECRAFT (2) Wi
Introduction to basic needle arts by making samplers. A choice of one area may be selected for a term project.
- 140 CLOTHING CONSTRUCTION (5) Au
Beginning course in clothing construction. Fundamental principles of dressmaking. Comparative analysis of commercial patterns. Fitting techniques. Construction of cotton or linen dress.
- 160 NUTRITION (3) Sp
A study of the fundamental principles of human nutrition. Consideration on how to best meet the body's needs for food. Course includes three hours of lecture and two hours laboratory work per week.
- 165 FOODS PREPARATION (5) Au
A study combining theory and fact with practical problems of food selection and preparation.
- 166 FOODS PREPARATION (5) Wi
Limited to the consideration of flour mixtures. A course in the manipulation and temperatures for baked products.
- 201 PRACTICAL HOME NURSING (3) Sp
A course in nursing techniques and care of patients for homemakers and missionaries. Lectures, discussion and laboratory procedures correlated.
- 240 PATTERN DESIGN (5) Wi
Study of flat pattern designing. Also problems in handling silk, wool, and synthetic material, and construction of dress using one of these materials.
- 304 HOUSE DESIGN (3) Wi
A basic approach to house planning. Critical analysis of floor plans. History and appreciation of exterior house design. Organization of work areas as the kitchen and utility rooms.
- 312 HOME MANAGEMENT (3) Au
The study of household procedures other than food preparation and clothing construction. Includes a problem in managing the household budget.
- 314 FAMILY FINANCE AND CONSUMER PROBLEMS (3) Sp
A study of the role of finance in family life, methods of handling income. Consumer problems related to shopping by the homemaker.

- 330 TEXTILES (3) Sp
Information applied to the selection and maintenance of fabrics and ready-made garments. Interpretation of labels and advertising.
- 341 TAILORING (5) Sp
Basic principles of suit and coat construction, making one complete garment, and one made-over garment.
- 365 MEAL PLANNING AND SERVING (5) Sp 61-62
Application of fundamental principles in meal planning and serving. Shopping for, preparing and serving the various meal patterns to specific needs.
- 368 EXPERIMENTAL COOKERY (5) Sp 60-61
Specific analysis of the principles of the field of cookery by reading and experimentation. Comparisons of prepared mixes and advocated procedures.
- 400 HOME ECONOMICS TEACHING METHODS (3) Wi
A study of the curriculum in Homemaking Education for Junior and Senior High schools. Problem solving procedures. Consideration of methods and procedures, by means of demonstration, observation and visual aids.
- 405 HOME FURNISHINGS (3) Sp
Direct application of the principles of art to the selection and arrangement of fabrics and wallpapers together with furniture, rugs, pictures, china, glass and silver. Achieving an interior design that will give esthetic pleasure.
- 408 READINGS IN HOME ECONOMICS (3) On demand.
Prerequisite, Senior of major status, and 15 upper division credits of "B" grade work in the department.
Reading in special interest areas under supervision of staff members.

JOURNALISM

The Journalism department offers training for those who have interests and aptitudes in the field of writing. It provides incentive and opportunity for enjoyable extra-curricular participation in campus publications. Further, it endeavors to train students to take part more efficiently in future writing ventures, particularly in the field of church and Christian publicity and Christian publishing.

- 201 JOURNALISM (3)
Prerequisites, English 101 and 102 or B average in high school English.
A course in the fundamentals of news writing, including types of news leads and structures of the news story, with experience in securing and preparing copy for the Falcon.
- 202 NEWSWRITING (2)
Prerequisite, Journalism 201 or equivalent.
Practice in handling more complex types of news stories, with study of examples from current newspaper practice.
- 210 FEATURE WRITING (2)
Prerequisite, English 101 and 102.
The planning and writing of informative factual articles. Placement of articles in various publications. Individual writing with class criticism.

LATIN

Professor, WINIFRED E. WETER

Requirements for Majors: Thirty-five credits in Latin beyond Latin 102 and History 210. At least one year of another language is recommended. Students working on an Area Teaching Major may combine Latin with another language, English, or Social Science.

OFFERED ALTERNATE YEARS

- 101-102, 103 ELEMENTARY LATIN (5) (5) (5) Au, Wi, Sp 61-62
No credit for Latin 101 until Latin 102 is completed.
Grammar, composition and reading of selections from Latin authors, including Caesar.
- 204, 205, 206 CICERO AND VERGIL (3) (3) (3) Au, Wi, Sp 60-61
Latin 103 or two years of high school Latin.
Selections from Cicero, *Letters and Orations*, Vergil, *Aeneid*, Books I-VI.
- 207, 208 COMPOSITION AND SYNTAX (2) (2) Au, Wi 60-61
To be taken simultaneously with 204, 205.
Review of syntax and composition in Latin, based on Cicero's orations.
- 209 SUPPLEMENTARY READINGS (2) Sp 60-61
To be taken simultaneously with 206.
Sight reading in the *Aeneid* and additional reading in English relating to Roman history and literature.
- 301, 302, 303 SURVEY OF LATIN LITERATURE (3) (3) (3) Au, Wi, Sp 61-62
Prerequisite, Latin 206 or the equivalent.
Reading of selections from Latin prose and poetry with lectures on the history of Latin Literature.

OFFERED ON DEMAND

- 311 LATIN LITERATURE IN TRANSLATION (3) Offered on demand.
Reading the masterpieces of Latin literature in translation, with lectures and discussion. No knowledge of Latin required. Does not count toward a major in Latin.
- 323 CAESAR (2)
Prerequisite, Latin 206.
Intensive reading of Caesar's Commentaries, with studies of his place in Roman literature and history.
- 324, 325 CICERO (2) (2)
Prerequisite, Latin 206.
De Amicitia and selected Letters.
- 401 OVID (3)
Prerequisite, Latin 303.
Metamorphoses and studies in Graeco-Roman mythology.
- 402 ROMAN HISTORIANS (3)
Prerequisite, Latin 303.
Latin historical writers, with special attention to Livy.
- 403 MEDIEVAL LATIN (3)
Prerequisite, Latin 303.

MATHEMATICS

Instructor, O. KARL KRIENKE; Instructor, CHARLES DOHNER; Part-Time Instructor, JANET BUCK

Today's level of civilization and vast possibilities of advance in scientific, social, and economic areas owe their being in large part to our present progress in the field of mathematics, training in mathematics has also been an aid to clear and proficient thinking in all realms. The Department of Mathematics offers curricula leading to the Bachelor of Arts for those having a general non-professional interest in the subject, and the Bachelor of Science for those planning graduate work or a professional career in mathematics.

Requirements for the B.A.: A total of 49 credits in mathematics including courses 221, 222, 223, and a minimum of 19 credits in approved upper division courses. This program is advised for those planning mathematics teaching in secondary schools.

Requirements for the B.S.: A total of 49 credits in mathematics including courses 221, 222, 223, and a minimum of 29 credits in approved upper division courses. Fifteen hours of physical science (not including survey courses) are required. A grade point of 2.25 must be maintained in mathematics courses. Students planning graduate work are strongly advised to take a foreign language.

All students registering for Mathematics 102 must take a placement test. Students presenting two years of high school algebra or the equivalent may be exempted from Mathematics 102 by passing a qualifying examination. Students presenting high school trigonometry may be similarly exempted from Mathematics 104. These examinations are given by the Mathematics Department during registration week and at certain other times. Students exempted from Mathematics 102, 103, or 104 may substitute approved Mathematics electives. General Physics and Chemistry are advised as supporting courses for both degrees.

OFFERED EACH YEAR

- 101 INTERMEDIATE ALGEBRA (5) Au
Prerequisite, one year of Algebra. Not open for credit to those presenting a 3rd semester of high school algebra with a grade of B or above. A study of linear and quadratic equations, algebraic functions and their graphical representation, fractions, exponents, radicals, logarithms, and imaginary numbers.
- 102, 103 COLLEGE ALGEBRA (5) Au (2) Wi
Prerequisite, Course 101 or its equivalent. Course 102 prerequisite for 103. Not open for credit to those having completed Course 221.
A study of linear and quadratic equations, functions and their graphs, exponents and radicals, ratio, proportion, arithmetic and geometric progressions, the binomial theorem, theory of equations, elementary set theory, permutations, combinations, probability, complex numbers, determinants, and the number system.
- 104 PLANE TRIGONOMETRY (3) Wi
Prerequisite, one and one-half units of Algebra. Not open for credit to those having taken Course 222.
A study of the six trigonometric functions with applications to the solution of problems related to both right and oblique triangles, and investigating the methods of solution.
- 105 PLANE ANALYTIC GEOMETRY (5) Sp
Prerequisite Course 104. A study of both the geometric and algebraic representation of plane curves. The topics discussed include the straight line, the circle, the parabola, the ellipse, the hyperbola, plane loci, parametric equations and practical applications.

- 221 DIFFERENTIAL CALCULUS (5) Au
Prerequisite, Courses 102 and 105.
A study of the theory of limits, continuity, average and instantaneous rates of changes in variables, with applications to the differentiation of algebraic logarithmic, exponential and inverse trigonometric forms, maxim and minima with practical applications and differentials.
- 222 DIFFERENTIAL AND INTEGRAL CALCULUS (5) Wi
Prerequisite, Course 221. A study of curvature, radius and circle of curvature, the theorem of mean value and its application, rules for integrating the standard elementary forms, the indefinite integral, the definite integral, formal integration by various devices, and elementary vector calculus.
- 223 DIFFERENTIAL AND INTEGRAL CALCULUS (5) Sp
Prerequisite, Course 222.
Continuation of Course 222. A study of series, convergent and divergent with emphasis upon methods of testing each, expansion of functions into series, partial differentiation with applications, reduction formulas and multiple integrals, and elementary differential equations.
- 321, 322, 323 DIFFERENTIAL EQUATIONS AND ADVANCED CALCULUS (3) (3) (3) Au Wi Sp
Prerequisite for 321, course 223; 321 for 322; and 322 for 323.
Elementary methods of solution, linear differential equations, systems of differential equations, series solutions, calculus of functions of several variables, infinite series line and surface integrals. Fourier series and orthogonal functions. Vector analysis, Green's Theorem, Stoke's Theorem, Jacobians.

OFFERED ALTERNATE YEARS

- 401 LINEAR ALGEBRA (5) Wi 60-61
Prerequisite, Course 223.
Matrices, groups of transformations, linear spaces, and linear transformations.
- 402 MODERN ALGEBRA (5) Sp 60-61
Prerequisite, Course 401.
Number systems in algebra, groups, rings, fields, polynomials.
- 450, 451 INTRODUCTION TO ANALYSIS (5) (5) 61-62
Prerequisite, Course 223.
Elementary set theory, logic, functions, real numbers, sequences, continuity, derivatives.
- 481, 482 INTRODUCTION TO MATHEMATICAL PHYSICS (5) (5) 60-61
Prerequisite, Physics 391 and Mathematics 223.
Applications of vector analysis, coordinate transformations, types of fields, special solutions of field equations, variational principles and fields, boundary value problems of physics.

MICROBIOLOGY AND PUBLIC HEALTH

Professor, CHARLES F. SHOCKEY

Requirements for Major: A total of 40 hours in the department. Fifteen credits of Chemistry, 10 credits of either Botany or Zoology and 5 credits of Sociology are expected as supporting courses.

OFFERED EACH YEAR

- 200 PUBLIC HEALTH AND SANITATION (5) Sp Su 62
An introduction to the science of preventing disease, prolonging life and promoting mental and physical efficiency through organized community effort with special emphasis of the sanitation aspect. Lecture and demonstration.

- 301 MICROBIOLOGY (5) Au
Prerequisite, 10 credits of Chemistry and at least 5 credits of Botany or Zoology.
 A study of the morphology and physiology of microorganisms, particularly in terms of everyday life. As an aid in understanding this science and in grasping its potentialities and limitations, it is necessary to appreciate how the microbiologist works and what tools and techniques he uses. Laboratory exercises are designed for this purpose. Three lecture periods and two two-period laboratory sessions each week.
- 303 SANITARY MICROBIOLOGY (5) Wi
Prerequisite, Course 301.
 The principles of sanitary science as applied to milk and other foods, water and sewage problems. Three lecture periods and two two-period laboratory sessions each week.
- 315 PUBLIC HEALTH PROBLEMS (5) Au
Prerequisite, upper division standing.
 A presentation of the fundamental problems of public health, including microorganisms and disease, disease transmission and control, immunity, sewage disposal and water supply, milk and other foods. A course highly recommended for those contemplating the ministry or the teaching profession as well as majors. Lecture and demonstration.
- 381 APPLIED MICROBIOLOGY (5) (5) Au Wi
Prerequisite, Course 301 and permission of instructor.
 Practical experience in media room, public health, hospital, or industrial laboratories. Five two-hour laboratory sessions each week by arrangement.
- 385 FIELD TRAINING (15) Su
Prerequisite, permission of the staff.
 Full-time practical field experience in public health and sanitation under close supervision and direction of a local health department.
- 486 WORKSHOP TODAY AND SCIENCE (5) Su
Prerequisite, Basic science requirements satisfied. For description, see Zoology 486.
- 495 READING AND CONFERENCE (1-5) Wi
Prerequisite, permission of instructor and 15 upper division credits of "B" grade work in the department.
 Assigned readings in areas of special need with conference occasions for the purpose of clarification and guidance.

OFFERED ALTERNATE YEARS

- 115 SURVEY OF MICROBIOLOGY AND PUBLIC HEALTH (5) Su 61
 An introduction to the field of Microbiology and Public Health designed to give the student a better appreciation of microorganisms and their relationship in the science of community health. Of particular value to those not majoring in science. Lecture and demonstration.
- 340 IMMUNOLOGY (5) Sp 60-61
Prerequisite, Course 301.
 A study of the phenomena of specific disease protection as well as of the physiologic phenomena relating to antibodies formed within an animal body in response to antigenic substances. A lecture course.
- 345 COMMUNICABLE DISEASE (3) Wi 60-61
Prerequisite, Course 301 or permission of instructor.
 A study of communicable diseases, their means of transmission and methods of control. A lecture course.

- 347 TROPICAL DISEASE (5) Sp 61-62
Prerequisite, Permission of instructor.
 Diseases most commonly encountered in the tropics. Designed primarily for those interested in missionary work or government service in the tropics. A lecture course.
- 351 HEALTH PROBLEMS IN PRIMITIVE COMMUNITIES (5) Sp 61-62
 A study of the problems involved in healthful living in primitive areas, including sanitation, nutrition, and climatic conditions, etc. Designed for those contemplating ministerial or missionary work or government service in primitive areas. A lecture course.
- 363 FOOD MICROBIOLOGY (5) Wi 61-62
Prerequisite, Course 301 or permission of instructor.
 The part played by microorganisms in the production of certain food products, their influence on flavors, odors and other quality factors and their relation to spoilage of food and to food poisoning. Three lecture periods and two two-period laboratory sessions each week.
- 417 SCHOOL AND CHURCH RESPONSIBILITY IN COMMUNITY HEALTH (3) Su 62
 The place of the church and school, integral parts of the community as they are, in the over-all public health program. Recommended particularly those those preparing for leadership in these areas. A lecture course.
- 435 GENERAL VIROLOGY (3) Sp 61-62
Prerequisite, 5 credits of Botany or Zoology.
 Consideration of viruses and their relationships to man. A lecture course.
- 446 DISEASE TRANSMISSION AND CONTROL IN PRIMITIVE COMMUNITIES (3) Sp 60-61
Prerequisite, Course 301 or permission of instructor.
 A study of the means of disease transmission and the method of control as pertains to primitive areas in particular. A lecture course.
- 453 METHODS AND MATERIALS IN HEALTH TEACHING (3) Su 61
 Health instruction in elementary, junior and senior high schools, including subject matter, source material and method.
- 455 PARASITOLOGY (5) Au 61-62
For description, see Zoology 455.

MUSIC

Professor, LAWRENCE R. SCHOENHALS, *Chairman of Department, Choral Music, Theory; Associate Professor, WINIFRED J. LEIGHTON, Strings, Music Education; Assistant Professor, PHILIP J. MACK, Voice, Choral Music; Instructor and College Organist, WINSTON A. JOHNSON, Organ, Piano, Church Music; Instructor, MARCILE C. MACK, Piano, Theory; Instructor-Emeritus, MABEL JONES MOYER, Piano; Instructor, CARL H. REED, Music History and Literature, Piano; Part-Time Instructor, LEON V. METCALF, Band, Music Education; Part-Time Instructor, PAUL E. PAIGE, Piano; Affiliated Faculty: FRANK H. HORSEFALL, Flute; RONALD PHILLIPS, Clarinet; DAWN B. WEYAND, Violincello.*

For information concerning Majors in Music or in Music Education see elsewhere in this catalog under "School of Music."

OFFERED EACH YEAR

- 100 MUSIC FUNDAMENTALS (2) Au Wi Sp
Recommended prerequisite, one quarter of piano study.
 An orientation course in music. Such topics as the elements of notation, terminology and song leadership will be discussed. Elementary performance on melody instruments. Does not apply on a major.

- 101 MUSIC THEORY I (4) Au
Prerequisite, Course 100 or equivalent and one year of piano study.
 Class meets five periods weekly. Preparation for the harmony courses which follow. Emphasis upon scales, intervals, problems in rhythm, dictation and sight singing.
- 102, 103 MUSIC THEORY II, III (4) (4) Wi Sp
Prerequisite, Course 101.
 Class meets five periods weekly. Diatonic harmony embracing triads, seventh chords and simple modulation presented both from the theoretical and creative aspects, and combined with dictation, sight singing, analysis and keyboard harmony.
- 105, 106, 107 EAR TRAINING AND SIGHT SINGING (1) Au Wi Sp
Prerequisite, Course 100 or equivalent.
 Two laboratory periods per week for drill in rhythmic and melodic dictation, and in sight singing.
- 111C CLASS INSTRUCTION—BRASS (1)
One credit per quarter, maximum three.
 Two class sessions per week. Enrollment limited to ten students per section. Extra fee.
- 111 INDIVIDUAL INSTRUCTION—BRASS (1) or (2) Every quarter.
 May be repeated.
- 112 INDIVIDUAL INSTRUCTION—ORGAN (1) or (2) Every quarter.
Prerequisite, three years of piano study.
 May be repeated.
- 113C CLASS INSTRUCTION—PERCUSSION (1)
One credit per quarter, maximum three.
 Two class sessions per week. Enrollment limited to ten students per section. Extra fee.
- 113 INDIVIDUAL INSTRUCTION—PERCUSSION (1) or (2) Every quarter.
 May be repeated.
- 114C CLASS INSTRUCTION—PIANO (1)
One credit per quarter, maximum three.
 Two class sessions per week. Enrollment limited to eight students per section. Extra fee.
- 114 INDIVIDUAL INSTRUCTION—PIANO (1) or (2) Every quarter.
 May be repeated.
- 115C CLASS INSTRUCTION—STRINGS (1)
One credit per quarter, maximum three.
 Two class sessions per week. Enrollment limited to ten students per section. Extra fee.
- 115 INDIVIDUAL INSTRUCTION STRINGS (1) or (2) Every quarter.
 May be repeated.
- 116C CLASS INSTRUCTION—VOICE (1)
One credit per quarter, maximum three.
 Two class sessions per week. Enrollment limited to ten students per section. Extra fee.
- 116 INDIVIDUAL INSTRUCTION—VOICE (1) or (2) Every quarter.
 May be repeated.

- 117C CLASS INSTRUCTION—WOODWINDS (1)
One credit per quarter, maximum three.
 Two class sessions per week. Enrollment limited to ten students. Extra fee.
- 117 INDIVIDUAL INSTRUCTION—WOODWINDS (1) or (2) Every quarter.
- 131 ORATORIO SOCIETY (½) Au Sp
Maximum, two credits.
 Requirements for membership are a good voice and regularity of attendance. The preparation and performance of oratorios and larger choral works. May be repeated.
- 132 VOCAL ENSEMBLE (1)
One credit per quarter, maximum six.
 Three rehearsals per week. A small vocal ensemble open to men or women upon audition, which prepares a special repertoire of secular and sacred music in conjunction with instrumental groups for concerts and school events.
- 136 CONCERT BAND (1)
One credit per quarter, maximum six. Prerequisite, ability to perform on a band instrument.
 Open to both men and women. May be repeated. The chief functions of the College Band are to perform concert music and to furnish a workshop for bandmasters of the future.
- 137 CHAMBER ORCHESTRA (1)
One credit per quarter, maximum six.
 Two rehearsals per week. Class limited to strings and selected woodwinds. Performance of works from the extensive chamber music literature.
- 180 MUSIC APPRECIATION (2) Au Wi Sp
 This course offers opportunity for much pleasurable listening to music. Provides a general survey of music, composers and musical instruments through listening to masterpieces of orchestral literature.
- 201, 202 MUSIC THEORY IV, V (4) (4) Au Wi
Prerequisite, Course 103.
 Class meets five periods weekly. Secondary harmonies, modulations and altered chords. Increased emphasis upon creative work. Advanced problems in dictation, sight singing, analysis and keyboard harmony.
- 214 PIANO FOR THE CLASSROOM TEACHER (1) Su
 Class instruction in piano with particular attention to the needs of the classroom teacher. May be repeated. Extra fee.
- 233 A CAPELLA CHOIR (1)
One credit per quarter, maximum six.
 Three rehearsals per week. An organization of forty-five to fifty mixed voices. Auditions to be held during the first week of the autumn quarter. Members must belong to the Oratorio Society and must participate in all public appearances through the year.
- 234 THE ITALIAN MADRIGAL (1) Au
 Class meets two periods weekly to study and read the Italian madrigal literature.
- 235 THE ENGLISH MADRIGAL (1) W
 Class meets two periods weekly to study and read the English madrigal literature.
- 236 THE MOTET (1) Sp
 Class meets two periods weekly to study and read motet literature.

- 260 SONG LEADERSHIP (2) Au Wi Sp
Prerequisite, Course 100 or equivalent.
A practical course in the fundamentals of song leadership, beginning with the use of simple hymn tunes. Preparation for the advanced conducting courses.
- 261 SONG LEADING IN CHURCH AND CHURCH SCHOOL (1)
A practical course in the fundamentals of song leadership, beginning with the use of simple hymn tunes.
- 281 SURVEY OF MUSIC LITERATURE (2) Au
Prerequisite, Course 180.
Music of the Baroque period. Aural analysis of representative compositions of the period from oratorio, opera, cantata and organ repertoire.
- 282 SURVEY OF MUSIC LITERATURE (2) Wi
Prerequisite, Course 180.
Music of the Classic period. Aural analysis of representative compositions of the period, with emphasis on the development of sonata form and of opera.
- 283 SURVEY OF MUSIC LITERATURE (2) Sp
Prerequisite, Course 180.
Music of the Romantic period. Aural analysis of representative compositions of the period, with emphasis on symphony, lieder, and music for the piano. Study of the music in relation to cultural environment.
- 307 EIGHTEENTH CENTURY COUNTERPOINT (3) Sp
Prerequisite, Course 201.
Counterpoint in two and three parts in the style of J. S. Bach.
- 311 INDIVIDUAL INSTRUCTION—BRASS (1) or (2) Every quarter.
May be repeated.
- 312 INDIVIDUAL INSTRUCTION—ORGAN (1) or (2) Every quarter.
May be repeated.
- 314 INDIVIDUAL INSTRUCTION—PIANO (1) or (2) Every quarter.
May be repeated.
- 315 INDIVIDUAL INSTRUCTION—STRINGS (1) or (2) Every quarter.
May be repeated.
- 316 INDIVIDUAL INSTRUCTION—VOICE (1) or (2) Every quarter.
May be repeated.
- 317 INDIVIDUAL INSTRUCTION—WOODWINDS (1) or (2) Every quarter.
May be repeated.
- 324 PIANO TEACHING METHODS (2) Wi
Prerequisite, permission of the instructor.
An analysis of modern teaching methods and a survey of materials from the primary through the intermediate levels.
- 331 ORATORIO SOCIETY (½) Au Sp
Open to students who have earned two credits in Course 131.
- 332 VOCAL ENSEMBLE (1)
One credit per quarter, maximum six.
Open to students who have earned six credits in Course 132 or equivalent.
- 333 A CAPELLA CHOIR (1)
One credit per quarter, maximum six.
Open to students who have earned six credits in Course 233 or equivalent.

- 336 CONCERT BAND (1)
One credit per quarter, maximum six.
Open to students who have earned six credits in Course 136 or equivalent.
- 337 CHAMBER ORCHESTRA (1)
One credit per quarter, maximum six.
Open to students who have earned six credits in Course 137 or equivalent.
- 341 MUSIC FOR THE ELEMENTARY CLASSROOM TEACHER (3) Au Wi Sp
Prerequisite, Course 100 or equivalent. See Educ. 314.
- 342 MUSIC ACTIVITIES IN ELEMENTARY SCHOOLS (3) Wi
Prerequisite, Course 101.
Methods of teaching classroom music activities and directing the total music program in the elementary school.
- 343 JUNIOR AND SENIOR HIGH SCHOOL MUSIC (3) Sp
Prerequisite, Course 341 or 342. See Educ. 363.
- 345 BAND AND ORCHESTRA TECHNIQUES (2) Wi
Prerequisites, Course 342 and performing ability on a band or orchestra instrument.
The organization of bands and orchestras, seating arrangements, basic knowledge of the instruments and music for various ensembles.
- 351 MUSIC AS A RESOURCE FOR SOCIAL STUDIES (2½) Su
Prerequisite, Courses 100 and 341, or equivalent.
Correlating songs, instrumental compositions and rhythms with the social studies of the elementary grades and junior high.
- 352 MUSIC AS A RESOURCE FOR LANGUAGE ARTS (2½) Su
Prerequisite, Courses 100 and 341, or equivalent.
Correlating songs, instrumental compositions and rhythm with the language arts of the elementary grades and junior high.
- 362 CHORAL CONDUCTING (3) Sp
Prerequisite, Course 101 and 260 or equivalent, and at least one year's singing experience in a campus choral group.
A study of baton technique with application to smaller choral forms.
- 363 INSTRUMENTAL CONDUCTING (3) Sp
Prerequisite, Course 362 and ability to perform on an orchestral instrument.
Elementary score reading, practical conducting of instrumental music with college band or orchestra as performing group. Consideration of baton technique, instrumentation and problems in public school instrumental teaching.
- 375 MUSIC AND WORSHIP (2) Au
The meaning of Worship, the place of music and its administration in the various departments of the church, the study of ecclesiastical terms, church architecture and liturgies in connection with music, the growth and development of music in the home and church-school.
- 376 THE CHURCH ORGANIST (2) Wi
Two credits. Prerequisite, Course 103 and ability to perform on the organ.
Includes the study of modulation, transposition, improvising, registration, conducting from the console, and hymn-playing.
- 403 INSTRUMENTATION AND ORCHESTRATION
Three credits. Autumn quarter. Prerequisite, Course 201.
A course designed to familiarize the student with the history, technical limitations, and use of the orchestral instruments. Practical experience in scoring for various combinations of instruments.

- 405 REFRESHER COURSE IN MUSIC THEORY (2) Sp
Review of scale structure, diatonic harmony and musical forms.
- 412R SENIOR RECITAL—ORGAN (2)
Prerequisite, permission of music faculty.
- 414R SENIOR RECITAL—PIANO (2)
Prerequisite, permission of music faculty.
- 415R SENIOR RECITAL—STRINGS (2)
Prerequisite, permission of music faculty.
- 416R SENIOR RECITAL—VOICE (2)
Prerequisite, permission of music faculty.
- 444 LISTENING EXPERIENCES FOR THE ELEMENTARY CHILD (2½) Su
Prerequisite, Course 100 or equivalent.
Sources and methods of presentation of music appropriate to the age and experience of the elementary child.
- 451 MUSIC EDUCATION WORKSHOP (2) Su
A study of the techniques, methods and curricula in the teaching of music in the primary grades.
- 452 MUSIC EDUCATION WORKSHOP (2) Su
A study of the techniques, methods and curricula in the teaching of music in the intermediate grades.
- 471 CHRISTIAN HYMNODY (3) Sp
The hymn studied from the standpoint of its history, classification, criticism and effective use in the worship service.
- 483 MUSIC IN THE ROMANTIC ERA (3)
Prerequisite, Course 180, and one or more of the following courses: 281, 282, 283, 284.
A survey covering the period from the pre-classic composer K. P. E. Bach to Wagner and Verdi, including references to early romantic tendencies in the works of Haydn and Mozart. A study of Beethoven, Berlioz and their contemporaries.
- 484 MUSIC IN THE TWENTIETH CENTURY (3)
Prerequisite, Course 180 and one or more of the following courses: 281, 282, 283, 284.
Styles and trends in contemporary music from impressionism to recent developments. Special emphasis on orchestral composition in larger forms and schools of composition.
- 487, 488, 489 READING IN MUSIC HISTORY (2) (2) (2) As required.
Prerequisite, senior standing, permission of the Director of Music, and 15 upper division credits of "B" grade work in the department.
- 490 MUSIC AND IDEAS (3) Sp
The philosophical, historical and sociological movements that determine the shape and destiny of music form the basis for study. Commencing with the thrust of Romanticism upon music, the course continues to investigate other periods.

OFFERED ALTERNATE YEARS

- 284 SURVEY OF MUSIC LITERATURE (2) Sp 61-62
Prerequisite, Course 180.
Music of the Twentieth Century. Aural analysis of representative compositions of today, with emphasis on the music for the theater, and the major schools of composition.

- 377 CHURCH MUSIC REPERTOIRE (2) Au 61-62
A survey and analysis of music for organ, choir, and soloists appropriate for use in the church.
- 380 HISTORY OF AMERICAN MUSIC (3) Au 61-62
A survey of music in America from Colonial times to the present.
- 401 FORM ANALYSIS (2) Wi 61-62
Prerequisite, Course 201.
Analysis of intermediate and larger forms of the Classical and Romantic periods.
- 402 ELEMENTARY COMPOSITION (3) Sp 61-62
Prerequisite, Course 202.
Vocal and instrumental composition in the small homophonic forms.
- 478 CHURCH MUSIC ORGANIZATION AND ADMINISTRATION (2) Wi 61-62
A study of the music department of the church, its problems and its relationship to the total church program.
- 481 MEDIEVAL AND RENAISSANCE MUSIC (3) 61-62
Prerequisite, Course 103, 180, and one or more of the following courses 281, 282, 283, 284.
A survey of music from the time of Machaut to the death of Palestrina.
- 482 MUSIC IN THE BAROQUE ERA (3) 61-62
Prerequisite, Course 180 and one or more of the following courses: 281, 282, 283, 284.
A study of musical thought from Monteverdi to J. S. Bach, stressing the development of the major forms of composition.

NURSING

Assistant Professor, LYDIA F. GREEN

For information regarding curricula in nursing see elsewhere in this catalog under "Department of Nursing Education."

OFFERED EACH YEAR

- 101 INTRODUCTION TO PROFESSIONAL NURSING (2) Wi
- 102 INTRODUCTION TO PROFESSIONAL NURSING (2) Sp
- 227 THE NURSE AND FAMILY HEALTH (2) Au
- 261 PHARMACOLOGY AND THERAPEUTICS (3) Sp
- 228 NURSING FUNDAMENTALS (4) Sp
Taken at hospital division under the University of Washington School of Nursing.

OFFERED ALTERNATE YEARS

- 201 PRACTICAL HOME NURSING (2) Sp 61-62
A course in nursing techniques and care of patients for homemakers and missionaries. Lectures, discussion and laboratory procedures correlated.

PHILOSOPHY

Professor, ELVIS E. COCHRANE; *Instructor*, GERALD H. GILL

Philosophy aims at discovering meanings as well as facts and methods; to assist the student in developing power and skill in clear, consistent thinking to secure a long range perspective of the history of thought, and to aid in building a satisfactory philosophy of life. Many of the courses correlate significantly with those of other departments, namely, history, psychology and religion and are recommended as supporting electives for majors in those departments.

Requirements for Majors: A major in Philosophy consists of the satisfactory completion of at least 40-2 credits, including Courses 101, 103, 201, 202, 230, and a minimum of 20-4 upper division credits. At least fifteen upper division credits must be in Philosophy and the remainder may be substituted from the following courses provided all Philosophy offerings have been taken with no grade lower than a C: Religion 101, 102, 103, 303, 405; Psychology 400, 401; History 413, 415; Political Science 440.

OFFERED EACH YEAR

- 101 INTRODUCTION TO PHILOSOPHY (5) Au
An introduction to the problems which have since the earliest days occupied the mind of man. A survey of methods of philosophical study. Emphasis given to the building of a wholesome personal philosophy of life. Prerequisite to all philosophy courses 300 and up.
- 103 ETHICS (3) Wi
Study of origin and growth of moral life; theories of good and bad, right and wrong. Application of social, political, economic and personal problems.

OFFERED ALTERNATE YEARS

- 201, 202, 203 HISTORY OF PHILOSOPHY (3) (3) (3) Au Wi Sp 61-62
An introduction to the great philosophers of the Western world from 600 B.C. to the twentieth century. A study of the development of the leading ideas in European thought. The three quarters follow in consecutive order the history of thought in philosophy from its beginning to the present time.
- 230 LOGIC AND PERSUASIVE SPEAKING (3) Au 60-61
(For description, see Speech 230.)
- 302 PERSONALISM (3) Sp 61-62
The philosophy which regards personality as the clue to the interpretation, reality and the true source of scientific theory, moral and religious values, and creative imagination.
- 305 CHRISTIAN PHILOSOPHY (3) Wi 61-62
A study seeking solutions for many problems of contemporary life upon a distinctively Christian basis; requiring those solutions to be valid, adequate and realizable.
- 310 EPISTEMOLOGY (THEORY OF KNOWLEDGE) (3) Sp 61-62
Critical investigation of the nature, grounds, limits, and validity of human knowledge. Various theories of thought and knowledge are examined and evaluated. Special reference to the field of Christian apologetics.
- 320 PHILOSOPHY OF RELIGION (3) Au 61-62
An examination of relationships between philosophy and religion, especially the basic philosophical assumptions by which is established the validity of religious experience. The problems of God, immortality, evil and personal experience.

- 330 PHILOSOPHY OF SCIENCE (3)
A study of the relationship between the sciences, art, religion, and philosophy. Includes the philosophical implications of relativity and quantum mechanics as well as the operationist and causal interpretations of science.
- 401 PLATO (3) Wi 60-61
The origin, development and significance of Platonic philosophy as it relates to modern thought and problems. A detailed study of selected writings from Plato.
- 403 TYPES OF PHILOSOPHY (3)
Prerequisites, B average in Junior year and permission of instructor.
Designed especially for Philosophy majors. A course of directed study of philosophical thought dealing with types of metaphysics, theories of knowledge, and a synthesis of types. Collateral reading, outlines and reports, and conferences with the instructor.
- 408 THEISM (3) Au 60-61
An exposition and vindication of the Christian view of God and the world. Contrasted with modern speculation as to the origin, nature, development and destiny of all things.
- 464 PHILOSOPHY OF CHRISTIAN EDUCATION (3) Sp 60-61
(For description see Religion 464.)

PHYSICAL EDUCATION AND RECREATION

Assistant Professor, LESTER N. HABEGGER; *Instructor*, BERNARD V. BUCK; *Part-Time Instructor*, INGA-LISA FRANZON; *Part-Time Instructor*, RICHARD B. KAMM

The department of Physical Education and Recreation includes four clearly defined, though closely related, areas. These are: (1) the teacher training program providing well-rounded professional training for physical education teachers, athletic coaches, and recreation leaders; (2) the required or service program giving each student an opportunity to develop valuable skills and to participate in physical activity; (3) the intramural program affording an opportunity for extensive participation in satisfying recreation activity; and (4) the intercollegiate athletic program meeting the needs of the highly skilled and physically fit individual.

Facilities

The facilities for the School of Physical Education and Recreation are second to none among private colleges in the Pacific Northwest. The Royal Brougham Pavilion was opened for use in the Spring of 1953. It is a modern plant with standard basketball playing court and seating capacity for approximately 2,500 spectators. There are facilities for individual team and recreational sports. In addition to these, the college has access to the Y.W.C.A. swimming pool where an extensive instructional program is carried out.

Graduation Requirement in P.E.

All students should satisfactorily complete six quarters of physical education by the end of the sophomore year. Courses 100-150 meet this graduation requirement. All students who are non-swimmers are strongly urged to complete the beginning course in swimming.

Students who are excused from Physical Education by the school physician or students who are twenty-five or older may fulfill the Physical Education requirement by following the above-prescribed pattern or by substituting courses of a recreational or professional nature taken with the approval of the Department of Physical Education.

Intramural Program

Men and Women—The intramural sports programs for men and women include such activities as basketball, softball, volleyball, badminton, tennis and numerous other individual sports events. Physical education majors receive valuable practical experience by assisting in the organization of the intramural program and by acting as officials for the various contests.

Co-Recreation—An opportunity is provided for men and women to participate in badminton, bowling, golf, recreational games, shuffleboard, splash parties and volleyball.

Intercollegiate Program

To insure thorough and well-rounded preparation for the physical education major, the intercollegiate athletic program is being continually expanded. Teams representing the college participate in basketball, baseball, wrestling, cross country, track and field, golf and tennis with other colleges of the Northwest.

Physical Education Major

The curriculum for Physical Education majors includes courses dealing with scientific principles, teaching techniques, and the improvements of skills.

To earn a B.S. degree in Physical Education the student must complete at least 45 credits, with a minimum of 35 in courses numbered above 150. No more than 3 credits in course 150 may be counted toward the major and graduation requirement. Included in the 35 hours and required of all majors, or those selecting physical education as a teaching area, must be courses 225 or 296, 332 or 335, 405, 450 or 334, and 395. In addition, all women must take 341, and 250 each quarter and all men must take 360, 361, 362 and 363. The first six credits of courses 100-124 may not be applied to the major. At least two credits must be earned in courses 114-117. At least 23 credits must be in courses numbered 300 or above.

For students choosing Recreation as a second teaching area, a minimum of 20 credits is required. The required courses are P.E. 212, 230, 296; Speech 305 and 3 credits from Speech 227 or 260; Music 260; Journalism 201. Additional credits may be selected from P.E. 312, 471, 472 and 476, Physics 180, Economics and Business 350, Art, Music, Speech and Literature courses.

Proposed four-year program for men and women looking toward secondary teaching with a B.S. degree in Physical Education:

FIRST YEAR		THIRD YEAR	
	Credits		Credits
P. E. 151, 160, 225, 250w	9	P. E. 322, 334, 341w, 305, 250w,	15-16
P. E. Courses 100-150	4-6	Art 336	2
English 101, 102, 103	9	Education 206, 307, 308, 309	12
Education 191	3	Music 341	3
Home Economics 160	3	Religion	3
Music	2	Electives	2
Psychology 100	5		
Sociology 110	5		
Speech	3		
Religion	3		
SECOND YEAR		FOURTH YEAR	
	Credits		Credits
P. E. 216, 230, 296, 360, 250w	15	P. E. 335, 363, 450, 465, 495, 250w	12-15
P. E. Courses 100-150	4-6	Student Teaching	16-24
Physics 115	5	P. E. 412	3
Political Science or History	5	English 361	2
Religion	3	History 360	3
Zoology 229-230	10	Religion	3
Elective	3	Electives	2-5

OFFERED EACH YEAR

Classes other than Physical Education 150 may not be repeated for credit. No student may earn more than three credits in P.E. 150 toward the fulfillment of graduation requirements. Only those students who earn a "C" or better in Physical Education courses 100-150 will be permitted to enter an advanced class in a specific course.

P.E. 212 or 312 may be applied toward activity requirements.

A special fee is charged for Archery, Bowling, Golf and Swimming.

- 100mw ARCHERY (1) Sp
Fundamentals in handling the bow and arrow. Principles of aim. Target practice.
- 101mw BEGINNING BADMINTON (1) Au Wi
Rules and terminology, short service, smash, high clear, drop and net shots; doubles play.
- 102mw INTERMEDIATE BADMINTON (1) Wi
Prerequisite, 101 or permission.
Doubles strategy, forehand and backhand drives, long service shots.
- 103mw BEGINNING BASKETBALL (1) Au Wi
Development of fundamental skills; passing, catching, dribbling, stopping, starting, changing direction, shooting, and introduction to rules and team play.
- 104mw INTERMEDIATE BASKETBALL (1) Wi
Prerequisite, 103 or permission.
Techniques of team play. Strategy, rules and continued development of skills.
- 105w BEGINNING BODY MECHANICS (1) Au, Wi, Sp
Techniques and laws of efficient body movements and relaxation. Conditioning for agility, coordination, endurance.
- 106mw BOWLING (1) Sp
Fundamentals and techniques of individual and team play.
- 107mw GOLF (1) Sp
Practice in the grip, stance and use of various clubs. Course etiquette and rules.
- 108m BEGINNING TUMBLING (1) Au
Development of tumbling skills, involving rolls, springs and balances. Trampoline fundamentals, body control, councing and drops. Side horse vaulting.
- 108w BEGINNING TUMBLING (1) Au
Development of tumbling skills, involving rolls, dives, balances, walks, and combination of stunts.
- 109w INTERMEDIATE TUMBLING (1) Sp
Tumbling skills involving dives, balances, cartwheels, handsprings and combination of stunts.
- 109m INTERMEDIATE GYMNASTICS AND APPARATUS (1) Wi
Prerequisite, 108m or permission.
Advanced trampoline skills, twists, somersaults and swing time. Mounts, dismounts and elementary skills on horizontal bar, parallel bars and rings.
- 110w ADVANCED BODY MECHANICS (1) Sp
Prerequisite, 105.
Continued conditioning for agility, coordination endurance, flexibility and strength. Balanced beams, limited apparatus work.
- 112mw SOFTBALL (1) Sp
Fundamentals and techniques of team play. Rules and strategy.
- 113mw SPEEDBALL (1) Sp
Team game combining basketball and soccer. Catching, passing, kicking, trapping, volleying, guarding, fielding, tackling, offensive and defensive tactics. Rules and strategy.

- 114mw BEGINNING SWIMMING (1) Au Wi Sp
Adjustment to water, breathing, face and back floats, face and back glides, stand recoveries, arm and leg strokes, changing direction, turning over, front crawl, elementary diving.
- 115mw LOW-INTERMEDIATE SWIMMING (1) Au Wi
Prerequisite, 114 or permission.
Breathing, bobbing, treading water, front crawl, elementary back strokes, running front dive.
- 116mw HIGH-INTERMEDIATE SWIMMING (1) Sp
Prerequisite 115 or permission.
Breathing, endurance; better form in front crawl, elementary back stroke and front header dive; back crawl; side stroke; side overarm stroke.
- 117mw ADVANCED SWIMMING (1) Sp
Prerequisite 116 or permission.
Breathing; endurance; better form in front crawl, elementary back stroke, back crawl, side strokes; breast stroke, trudgeon, trudgeon crawl.
- 118mw BEGINNING TENNIS (1) Sp
Rules and terminology, forehand drive, backhand drive, serve and doubles play.
- 119mw INTERMEDIATE TENNIS (1) Sp
Prerequisite 118 or permission.
Doubles strategy; improve forehand and backhand drives and serve; volley and lob.
- 120m TOUCH FOOTBALL (1) Au
Fundamentals of individual and team play. Rules and strategy.
- 121m TRACK AND FIELD (1) Sp
Fundamentals in starting, sprinting and distance running. Techniques in field events including jumping, vaulting and weights.
- 122mw VOLLEYBALL (1) Au
Fundamentals of individual and team play. Rules and strategy.
- 123m BEGINNING WRESTLING (1) Au Wi
Fundamentals of attack and defense. Rules of amateur wrestling.
- 124m INTERMEDIATE WRESTLING (1) Au Wi
Direct and indirect take downs, reverses, spins and hold downs. Pinning holds.
- 125w BEGINNING APPARATUS AND GYMNASTICS (1) Au
Development of fundamental skills on balance beam, vaulter box and ropes. Elementary tumbling skills.
- 126w INTERMEDIATE BODY MECHANICS (1) Sp
Continuation in techniques of efficient body movements, conditioning for coordination agility and endurance.
- 150m VARSITY ATHLETICS (1) Au Wi Sp
Freshmen and Sophomores turning out for Varsity athletics should sign up for P.E. 150. Those who fail to make either the Varsity or Jr. Varsity team must report immediately to the Department of Physical Education for reassignment. No student may earn more than three credits in Varsity Athletics toward the fulfillment of graduation requirements.

- 151 INTRODUCTION TO HEALTH, PHYSICAL EDUCATION AND RECREATION (3) Au
Orientation in the fields of health, physical education and recreation, professional opportunities, methods and materials for organizing programs and qualifications and training necessary for teaching.
- 160 HEALTH EDUCATION (2) Au Wi Sp
Guidance in attaining social, mental, emotional and physical maturity in relationship to college life, family life and citizenship.
- 212 LIFE SAVING (2) Wi Sp
Prerequisite, P.E. 117 or permission.
Red Cross Course.
- 305 ELEMENTARY SCHOOL HEALTH AND PHYSICAL EDUCATION (3) Au Wi Sp
Educational procedures including philosophy, aims, objectives, characteristics of children, planning the program—including areas of experience, integration, lesson planning, class organization, participating in activities, special events—practical teaching experience, and evaluation.
- 312 WATER SAFETY INSTRUCTION (2) Sp
Prerequisite 212 or permission.
Red Cross course.
- 395 INTRODUCTION TO METHODS IN THE ACTIVITY CLASS (1) Au Wi Sp
Observation of class procedure with limited teaching experience.
- 468 WORKSHOP IN PLAYGROUND ACTIVITIES (2) Su
Play activities for the primary and intermediate child. Background and scope of program. Classroom games, games of low organization, fundamental rhythms and lead up games.
- 471 SOCIAL RECREATION WORKSHOP (2) Su
Administration of Social Recreation. Planning and conducting social activities for home, school, church, camp and community.
- 472 OUTDOOR EDUCATION (2) Su
The role of outdoor education in today's schools. The concept of conservation. Planning, organizing, programming, with direct field experience at Camp Casey.
- 476 STUDENT TEACHING AND COUNSELING
Credits vary. Offered on demand. Prerequisite, permission.
Supervised experiences include student assistance, teaching and counseling on the Casey Campus of Seattle Pacific College or in organized outdoor education programs of the public schools. (Education 476).
- 479 PRACTICUM IN OUTDOOR EDUCATION
Credit varies. Offered on demand. Prerequisite, permission.
A clinic conducted by the School of Education for a Public School District (Education 479).
- 495 ASSISTING (2) Au Wi Sp
Prerequisite, P.E. 395, Senior standing and/or permission.
Assisting in the organization, teaching and evaluation of activity classes.

OFFERED ALTERNATE YEARS

- 216 FIRST AID AND SAFETY (3) Sp
Satisfies Standard and Advanced American Red Cross First Aid certification.

- 225 CAMP LEADERSHIP (3) Sp 60-61
The camping movement and its role in society. The counselor's relationship to the administration, staff, parents, and campers. Planning and participation in camp program activities.
- 230 METHODS IN INDIVIDUAL SPORTS (3) Sp 60-61
Prerequisite, 100, 101, 107, 118.
Techniques, demonstration, lesson plans for archery, badminton, bowling, golf and tennis.
- 250w METHODS IN PHYSICAL EDUCATION SKILLS (1) Au Wi Sp 60-61
Women Physical Education majors only, required each quarter while majoring in Physical Education. Activities vary each quarter: apparatus work, team sports, and basic fundamental rhythms.
- 296 RECREATIONAL LEADERSHIP (3) Sp 61-62
Philosophy of leisure and recreation. Leadership techniques, methods and materials in planning and participating in recreational activities for home, school, church, camp and community.
- 322 PHYSIOLOGY OF MUSCULAR EXERCISE (3) 60-61
Prerequisite, Zoology 229-230.
Relation to physical activities. Muscular efficiency, fatigue, recovery, chemical changes and neuro-muscular control with special reference to games, sports, corrective work and body mechanics.
- 334 PRINCIPLES OF PHYSICAL EDUCATION (3) 60-61
Social, biological and educational foundations. The place of physical education in the school program.
- 335 KINESIOLOGY AND BODY MECHANICS (5) Au 61-62
Prerequisite, Zoology 229-230.
Analysis of leverage in body movement and problems of readjustment in relation to body mechanics and to physical education activities.
- 341w METHODS IN TEACHING TEAM SPORTS FOR GIRLS AND WOMEN (3) 60-61
Techniques, demonstrations, procedures, officiating, testing and lesson planning in volleyball, basketball and hockey.
- 342w METHODS IN TEACHING TEAM SPORTS FOR GIRLS AND WOMEN (3) Sp 61-62
Techniques, demonstrations, procedures, officiating, test and lesson planning in soccer, softball, and speedball.
- 360 METHODS IN COACHING TRACK AND FIELD (3) Sp 60-61
By permission.
- 361 METHODS IN COACHING BASKETBALL (3) Au 60-61
By permission.
- 362 METHODS IN TEACHING BASEBALL (3) Sp 61-62
By permission.
- 363 METHODS IN TEACHING FOOTBALL (3) Au 61-62
By permission.
- 405 SECONDARY SCHOOL HEALTH AND PHYSICAL EDUCATION (3) 60-61
Prerequisite, Nine credits in courses 100-124.
Planning the program, class procedures, testing and grading, lesson plans, intramurals, drill teams, pep squads, and demonstrations.

- 412 INSTRUCTIONAL PROBLEMS OF TEACHING HEALTH AND PHYSICAL EDUCATION (3) Sp 60-61
Prerequisite, student teaching experience.
Advanced study of specific problems of method and curriculum.
- 450 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION (3) Wi 61-62
- 465 TESTS AND MEASUREMENTS (3) Wi 61-62
Measurement and evaluation in physical education through selection and administration of tests and interpretation of their results.

PHYSICS

Professor, O. M. MILLER; *Associate Professor*, D. D. KERLEE;
Instructor, O. KARL KRIENKE; *Instructor*, HAROLD R. VAN VALIN

Tremendous social, economic, and political changes have taken place throughout the world as a result of progress made in the field of physics during the last sixty years. Great as these changes may have been, recent advances in the field promise still more startling changes in the future. A knowledge of the fundamentals of the sciences and an acquaintance with their many applications is one of the aims of the department.

Requirements for Major: Students desiring a major in Physics should signify their intention not later than the beginning of their junior year. By that time they should have at least fifteen credits in Physics, fifteen credits in Chemistry, and should have taken Calculus.

A total of forty-two credits in the department is required of Physics majors. At least twenty-two of these credits must be in upper division work and must include Physics 321 and 322. In addition to this the candidate must complete fifteen credits of Chemistry and Mathematics through Differential Equations and Advanced Calculus.

Students who wish to combine an Engineering background with training in Physics may major in Engineering Physics. The major includes the required courses for a major in Physics except that Physics 201, 202, and 203 are taken in place of General Physics and twenty-six additional credits must be taken from the department in Engineering. This major must be begun in the freshmen year if it is to be completed in four years. An overall grade point of 2.50 must be maintained.

Students expecting to continue the study of Physics in graduate school should complete at least 60 hours of Physics including courses 321, 322, 325, 326, 351, 360, 391, 423, 481, and 482, and maintain a minimum grade point average of 3.00. A reading knowledge of French, German, or Russian is desirable.

OFFERED EACH YEAR

- 101, 102, 103 GENERAL PHYSICS (5) (5) (5) Au Wi Sp
Course 101 prerequisite to 102; 102 prerequisite to 103.
A general introduction to the facts, theories, methods, and applications of Physics. Mechanics, sound, heat, light, electricity and atomic energy included. Four lecture periods and one two-hour laboratory section each week.
- 115 SURVEY OF PHYSICS (5) Au
An introduction to elementary Physics designed to aid the student better to understand the many applications of this science to his daily environment. Many demonstration experiments. Of maximum value to those not majoring in Science. Does not count towards a major in Physics.
- 170 HEALTH SCIENCES PHYSICS (5) Wi
An introductory course in elementary physics designed for students in nursing and home economics. Special emphasis is placed upon the applications of physics in the hospital and in the home. Four lecture periods and one double laboratory session each week.

- 201, 202, 203 PHYSICS FOR ENGINEERS (5) (5) (5) Au Wi Sp
Course 201 prerequisite to 202; 202 prerequisite to 203.
 A general introduction to the facts, theories, methods and applications of Physics. Mechanics, sound, heat, light, electricity and atomic energy are included. Designed for students in engineering. Four lecture periods and one two-hour laboratory session each week.
- 224 ELECTRIC CIRCUITS (5) Wi
Prerequisite, Physics 103 or Engineering 112
 A study of D.C. and A.C. circuits and vacuum tube circuits, solid state devices and their applications in communications and other industries. Four lectures and one double laboratory session each week.
- 321, 322 INTRODUCTION TO ATOMIC PHYSICS (4) (4) Au Wi
Prerequisite, Physics 103, Chemistry 111, Mathematics 221.
 An introductory study of the modern physical theories of the structure of the atom, nature of light, radioactivity and nuclear energy. Three lectures and one double laboratory session each week. Required of all physics majors.
- 341, 342, 343 EXPERIMENTAL PHYSICS (2) (2) (2) Au Wi Sp
Prerequisite, fifteen credits in physics with minimum grade score of 3.50.
 More advanced experiments and problems than those in the general courses. Content adapted to the needs and interests of the individual student.
- 499 UNDERGRADUATE RESEARCH (2) Au Wi Sp
Prerequisite, thirty credits in physics with minimum grade score of 3.50. Permission from department.
 Supervised individual research on the undergraduate level. Designed for senior physics majors.

OFFERED ALTERNATE YEARS

- 325, 326 ELECTRICITY AND MAGNETISM (4) (4) Wi Sp 61-62
Prerequisite, Physics 103, Mathematics 221.
 An elementary course in the general principles and theories of electricity and its applications. Three lecture periods and one double laboratory session each week.
- 351 PROPERTIES OF MATTER (5) Sp 60-61
Prerequisite, Physics 103 and concurrent with Calculus.
 Equilibrium and non-equilibrium properties of gases, liquids, and solids from macroscopic and microscopic viewpoints.
- 360 OPTICS (5) Au 60-61
Prerequisite, Physics 103, Mathematics 221.
 A study of the theories and phenomena of light, and of instruments with which these phenomena are observed. Four lecture periods and one double laboratory session each week.
- 391 MECHANICS (5) Au 60-61
Prerequisite, Physics 103, Mathematics 221.
 A study of the mechanics of translation and rotation, elasticity, harmonic motion, hydro-dynamics and vibration.
- 423 INTRODUCTORY NUCLEAR PHYSICS (4) Sp 61-62
Prerequisite, Physics 322.
 A study of the atomic nucleus including nuclear structure and nuclear reactions, fission, particle accelerators, cosmic rays, induced radioactivity and the like. Three lecture periods and one double laboratory session each week.

- 427 ELECTRONICS (4) Sp 60-61
Prerequisite, Physics 103 or 224, Mathematics 222.
 A study of the theory of vacuum tubes, solid state devices, and high frequency circuits together with applications of the same. Three lecture periods and one double laboratory session each week.
- 481, 482 INTRODUCTION TO MATHEMATICAL PHYSICS (5) (5) Wi Sp 60-61
Prerequisite, Physics 391 and Mathematics 223.
 Applications of vector analysis, coordinate transformations, types of fields, special solutions of field equations, variational principles and fields, boundary value problems of physics.
- 491, 492 INTRODUCTION TO QUANTUM MECHANICS (5) (5) Wi Sp 61-62
Prerequisite, permission of the department.
 A first course in quantum theory limited to bound systems and the free particle. Solutions of the Schroedinger equation are presented for the particle in a box, the harmonic oscillator and the hydrogen atom.

POLITICAL SCIENCE

Professor, F. WESLEY WALLS; Assistant Professor, ROY SWANSTROM;
 Instructor, RICHARD KAMM

Requirements for a Major: Students majoring in Political Science are required to earn at least forty-five credits. The credits may be all in the department or a combination of authorized credits from other departments and required courses within the department. A minimum of twenty upper division credits in Political Science must be earned.

In order to complete a major in Political Science the student must satisfactorily complete, in addition to Political Science 100, at least one course in each of the following areas: American Government and Politics, Comparative Government, International Relations or International Organization, Public Administration, American Constitutional Development and Political Theory. The remaining credits may be earned from other courses offered in the department or in the following authorized courses. Students interested in Political Theory are authorized to take Philosophy 201, 202, 203, History of Philosophy, and Philosophy 403, Types of Philosophy. Students interested in Political Parties and Elections may take Psychology 231, Statistical Methods, and Sociology 340, Group Behavior, 442, Public Opinion and Propaganda. Those interested in Public Administration may include Sociology 340, Group Behavior, Economics and Business 350, Principles of Management and 310, Public Finance and Taxation. Courses accepted for those interested in International Relations include Economics and Business 307, International Trade, and the following History courses: 280, History of the Far East, 319, Twentieth Century Europe, 337, Modern Russia, 378, History of Africa, and 375, History of Latin America. Students who anticipate entering Law School are authorized to include in their schedule Philosophy 230, Logic and Persuasive Speaking, History 329, Modern England, Economic and Business 322, Business Law, and 301, Corporate Organization and Finance.

OFFERED EACH YEAR

- 100 AMERICAN GOVERNMENT (5) Au Sp
 A study of the principles of American government, historical background, practices and procedures of operation.
- 220 COMPARATIVE GOVERNMENT (5) Wi
 A study of democratic governments compared and contrasted with totalitarian governments. Particular attention is devoted to a study of the governments of Great Britain, France and Russia.
- 230 INTERNATIONAL RELATIONS (5) Sp
 Principles of international relations, present day methods by which affairs are conducted between states.

- 350 POLITICAL PARTIES AND ELECTIONS (5) Au
Growth of the American party system, political campaigns, election methods and practices.
- 436 INTERNATIONAL ORGANIZATION AND ADMINISTRATION (5) Wi
A survey of the development of international organizations with particular attention to the United Nations; practices and procedures of international conferences.
- 440 HISTORY OF POLITICAL THOUGHT (5) Au 60 Sp 62
A study of the major political concepts from ancient to modern times.
- 490 READINGS IN POLITICAL SCIENCE (2) Au Wi Sp
Directed reading available to majors in the department. Designed to develop a wider acquaintance with the literature in the various divisions of Political Science.

OFFERED ALTERNATE YEARS

- 332 AMERICAN FOREIGN POLICY—20TH CENTURY (3) Au-eve. 60-61
A survey of American foreign policies from 1900 to the present. Particular attention is given to the post World War II period.
- 338 AMERICAN FOREIGN POLICY (5) Sp 60-61
The course includes analysis of the problems involved in the formulation of foreign policies and a consideration of the present foreign policies of the United States.
- 366 STATE AND LOCAL GOVERNMENT (3) Wi-eve. 60-61
A consideration of the structure, function and procedure in state and local government. Particular attention is devoted to the State of Washington.
- 370 PUBLIC ADMINISTRATION (5) Wi 60-61
A consideration of administrative practices, formulation of policy, organizational problems.
- 380 THE LEGISLATIVE PROCESS (5) Wi 61-62
A study of the organization of and the legislative struggle particularly in the Congress of the United States, including relations with the executive departments, pressure groups and the public.
- 448 AMERICAN CONSTITUTIONAL DEVELOPMENT (5) Sp 61-62
A study of the American constitution by means of case studies, nature of the federal union, taxation, commerce, contract and citizenship.
- 485 AMERICAN POLITICAL HERITAGE (3) Sp-eve. 60-61
An analysis of the basic ideas in the American democratic society. An emphasis is placed upon the writings which reveal the democratic principles. Especially recommended for teachers in the Social Studies.
(Night courses for 1961-1962 to be announced.)

PSYCHOLOGY

Professor, PHILIP F. ASHTON; Professor, C. MELVIN FOREMAN; Associate Professor, ELMER B. SIEBRECHT; Part-Time Instructor, CLARA M. RILEY

The field of psychology is rapidly becoming of added interest to a wide range of students. The objectives of the work in this department are built so as to give the student a practical knowledge of himself and of those with whom he comes in contact. Special emphasis will be given to the Christian viewpoint. Psychology 100 is prerequisite to all the courses in the department. Students majoring in Psychology must earn forty credits, half of which must be in courses numbered above three hundred, and including courses 100, 101, 231, and 305. Students majoring in Psychology should have the equivalent of 2½ units of high school mathematics. Zoology 229 and 230 must be taken as preparation in Science. The major should be buttressed with work in Philosophy and Sociology.

OFFERED EACH YEAR

- 100 GENERAL PSYCHOLOGY (5) Au Wi Sp
A survey of the science as a whole. Man's original nature, the way in which nature is altered by use, and the common modes of individual and social behavior that result. This course is a prerequisite to all other courses in the department.
- 206 CHILD GROWTH AND DEVELOPMENT (5) Au Wi Sp
(For description, see Educ. 206)

OFFERED ALTERNATE YEARS

- 101 PSYCHOLOGY OF ADJUSTMENT (5) Sp 60-61
Nature of personality and ways in which personalities are formed in adjusting to the world.
- 231 STATISTICAL METHOD (5) Au 61-62
Description of data in terms of averages, measures of variability, and measures of relationships; problems of prediction, frequency distributions and elementary sampling theory.
- 300 ADVANCED GENERAL PSYCHOLOGY (5) Au 60-61
- 305 ABNORMAL PSYCHOLOGY (5) Wi 60-61
A critical analysis of the field of mental abnormality and disease, with special reference to the various modern methods of therapy.
- 340 GROUP BEHAVIOR (5) Au 61-62
(For description, see Soc. 340)
- 350 DIFFERENTIAL PSYCHOLOGY (5) Sp 60-61
Nature, origins, and consequences of psychological differences among individuals and groups.
- 400 PSYCHOLOGY OF LEARNING (5) Wi 61-62
Theories and experimental research in the field of human learning. Prerequisite, Psychology 231.
- 401 HISTORY OF PSYCHOLOGY (3) Offered according to demand.
The experimental and theoretical background of modern psychology, especially in the nineteenth century.
- 402 MODERN VIEWPOINTS IN PSYCHOLOGY (3) Sp 61-62
The theoretical and experimental basis for structuralism, behaviorism, Freudianism and Gestalt.
- 407 PSYCHOLOGY OF ADOLESCENCE (2½) Su 62
Prerequisite, 206.
A survey of the physical and personality development of the adolescent.
- 413 PUPIL GROWTH AND EVALUATION (2½) Su 61
(For description, See Educ. 413)
- 435 COUNSELING AND INTERVIEWING (3) Sp 61-62
Methods of securing information in the interview concerning an individual's personal problems, and interviewing procedures for helping the individual solve his problems.
- 492 READINGS IN PSYCHOLOGY (2) Offered according to demand.
Reading in special interest areas under supervision of staff members.
- 495 RECENT PSYCHOLOGICAL LITERATURE (3) Offered according to demand.
This course is planned to familiarize the student with recent research and writings in the field of psychology.

RELIGION

Associate Professor, DONALD E. DEMARAY, Dean; Professor, ELVIS E. COCHRANE; Associate Professor, JOSEPH L. DAVIS; Instructor, GERALD H. GILL; Professor, E. WALTER HELSEL; Assistant Professor, GAIL M. KISER; Professor, WINIFRED E. WETER; Lecturer, WINFRED J. McMULLEN

For information concerning majors offered in Religion see elsewhere in this catalogue under "School of Religion."

Biblical Studies

OFFERED EACH YEAR

- 100 INTRODUCTION TO ENGLISH BIBLE (3)
How the Bible came to us; its people, its story, its message; keys to its understanding; methods of studying it. NOT open to religion majors, Bible school transfers, or any advanced students of the Bible.
- 101 OLD TESTAMENT SURVEY (3) Au Sp
Same as Course 102 except for the Old Testament.
- 102 NEW TESTAMENT SURVEY (3) Wi
A course about the New Testament, briefly considering the Language, Text and Canon of the New Testament, along with an introduction to its individual books, its history, and its message. Not to be taken by advanced Bible students.
- 103 GOSPEL OF MARK (3) Au
The introductory course in Bible literature designed to give a thorough grasp of the content and structure of the Gospel of Mark.
- 104 BOOK OF ACTS (3) Au Wi
An intensive study designed to acquaint the student with the scope and importance of New Testament history. The structure and purposes of the book, its relation to Pauline writings, and its place as fundamental to the history of the Christian Church are all studied.
- 201 PSALMS (3) Au
This course includes a brief survey of early Hebrew poetry; a general knowledge of the Book of Psalms, its structure, contents, and authorship; and mastery of selected Psalms. Individual and original work encouraged.
- 202 NEW TESTAMENT BACKGROUNDS (3) Sp
A survey of the Bible history from the fall of Jerusalem in 586 B.C. to the fall of Jerusalem in 70 A.D., together with a study of the religion, culture and society of the New Testament world. This course presents background materials for entire New Testament. Credit applies to either Biblical or Historical field.
- 203 THE GOSPEL OF MATTHEW (3) Sp
A mastery of this gospel and its several parts in relation to one another and to the narrative as a whole is required. Special emphasis on material included only in this gospel.
- 204 STUDIES IN THE GOSPEL OF LUKE (3) Wi
This book, written by the historian, Luke, will be studied for both form and content. The content will be considered under various studies of the Person of Christ. His life, His teachings, etc.
- 302 MINOR PROPHETS (3) Wi
A study of the prophets, their ministry, and their message in the light of their day with much attention given to their message for this day and age.

- 303 THE LIFE AND TEACHINGS OF JESUS (3) Sp
A synthetic study of the life of Christ as viewed from the four Gospels, with an examination of the discourse material to discover what Jesus taught about God, man, righteousness, the Kingdom, prayer and other matters of Christian practice and belief.
- 304 HEBREWS (2) Wi
A study of this book from the standpoint of discovering its relationship to the Old Testament institutions and the person and place of Christ in the fulfillment of prophecy.
- 306 REVELATION (3) Au
The book of Revelation carries a vital message for Christians today. This study will include a detailed examination of each chapter in the book, as it is related to the whole. Time will be given to various current interpretations.
- 308 ROMANS (3) Au
(For description, see 308 under Theology.)
- 401 OLD TESTAMENT BOOK STUDIES I (5)
Prerequisites, Course 101 or six credits of Bible study.
A study of the Old Testament books of Genesis through Joshua. Special emphasis is placed on the technique of the book study method. The aim, movement, chief characters, and outstanding characteristics of each book are investigated.
- 402 OLD TESTAMENT BOOK STUDIES II (5)
A study of Old Testament books from Judges to Esther. Same in method and prerequisite as 401.
- 404 THE GOSPEL OF JOHN (3) Wi
A thorough study of the entire gospel. Mystical and spiritual message emphasized and evaluated. Attention also given to the critical problem of authorship.
- 406 PAULINE EPISTLES (5) Sp
Prerequisite, six credits of Bible study.
A survey course of Paul's letters, except Romans, Philippians, and Colossians, ascertaining the chronological order, the historical background, and the vital message of each. The approach and procedure will be that of the book-study method.
- 407 EPISTLES OF PHILIPPIANS AND COLOSSIANS (2) Sp
A book-study method of approach to the message of these two letters of the Apostle Paul. Includes a study of historical and cultural backgrounds, outlining, word studies and detailed grammatical exegesis.
- 597-98-99 THESIS (3) Each quarter.

OFFERED ALTERNATE YEARS

- 210 HISTORICAL GEOGRAPHY OF BIBLE LANDS (3) Sp 60-61
A study of the topography of Palestine and the fertile crescent as it relates to the historical events of the Old and New Testaments. Special attention will be given to Joshua, Judges, the Kings and the life of Christ as the events in each were influenced by topographical conditions.
- 305 THE EPISTLES OF PETER AND JOHN (2) Sp 60-61
This course will take students into a detailed, first-hand study of these Epistles. Consideration will be given to the date and authorship, with main emphasis on the message of the books, individually.
- 307 WISDOM LITERATURE (2) Offered on demand
The literature and philosophy of the Hebrews, as reflected in Job, Proverbs, Ecclesiastes and Song of Solomon.

- 403 ISAAH (3) Offered on demand
A study of Isaiah, the man and the message of the book. Special attention is given to the Messianic theme of the book.
- 410 PRINCIPLES OF BIBLE INTERPRETATION (2) Sp 60-61
Sometimes known as Biblical Hermeneutics. A study of the principles guiding our interpretation of the Bible, and practice in using them. Special sections on how to interpret the Psalms, prophecy and parables.
- 501 OLD TESTAMENT INTRODUCTION (5) 61-62
A critical study of the formation of the Old Testament canon. Investigation of authorship and date for each book.
- 502 NEW TESTAMENT INTRODUCTION (5) Sp 60-61
A study of evidence concerning the formation of the New Testament canon and an examination of the date, authorship and purpose of the various books of the New Testament.
- 503 JEREMIAH (3) Offered on demand
A careful study of the book of Jeremiah together with a survey of Hebrew history as a whole in relation to the time of the Babylonian captivity. Jeremiah's personal experiences as a prophet, his teachings, his statesmanship, and his message for this day and age, faithfully portrayed and studied.
- 504 PARABLES OF JESUS (3) Wi 60-61
A study of the parables of Jesus as they appear in the Gospels. Involves basic principles of interpretation, structure and classification and inductive, first hand study of the parables.
- 505 EPISTLE TO THE GALATIANS (2) Wi 60-61
Detailed exegesis, with related historical and theological studies.

Theology

OFFERED EACH YEAR

- 220 BASIC CHRISTIAN BELIEFS (3) Wi
An introductory course in theology designed to acquaint the students with the fundamentals of the Christian faith. Approached from the laymen's point of view.
- 308 ROMANS (3) Au
Prerequisite, six credits of Bible study.
An exhaustive first hand analysis of the argument in this epistle is required of each student, and critical and historical investigation is made. Topical and exegetical study directed.

OFFERED ALTERNATE YEARS

- 320 PHILOSOPHY OF RELIGION (3) Au 61-62
(For description, see Phil. 320.)
- 408 THEISM (3) Au 60-61
(For description see Philosophy 408.)
- 421 SYSTEMATIC THEOLOGY (5) (5) Wi Sp 61-62
An extensive study of the doctrines of the Bible, the institutions of Christianity, the existence of God, the deity of Christ, the personality and deity of the Holy Spirit, the Trinity, the fall of man, free moral agency, the atonement, repentance, faith, justification, the resurrection, the judgment, the future state, and evidences of Christianity, the morals of Christianity, the Sabbath, baptism, and the Lord's Supper. Unit course.

- 422 BIBLE DOCTRINE OF HOLINESS (5) Au 60-61
A thorough investigation of the Bible doctrine, finding evidence, both scriptural and experimental, of the great human need, and the adequate provision for it through the Atonement; use of a basic text augmented by study of other holiness literature.
- 520 CONTEMPORARY THEOLOGY (3) Wi 61-62
A study of the men, ideas, schools and literature of the contemporary theological revival.

Historical Field

OFFERED EACH YEAR

- 202 NEW TESTAMENT BACKGROUNDS (3) Sp
(See description under Biblical Studies.)
- 340 HISTORY OF THE CHRISTIAN CHURCH (5) Au
A comprehensive survey of the Christian Church from Apostolic days to the twentieth century. Special emphasis will be given to a study of the establishment of the church and a study of the Reformation.
- 413 RENAISSANCE AND REFORMATION (5)
(For description, see History 413.)
- 480 RELIGIONS OF THE WORLD (3) Au
(See description under Missions.)

OFFERED ALTERNATE YEARS

- 341 CHURCH HISTORY IN THE UNITED STATES (3) Wi 60-61
A course designed to investigate the origin, development, and progress of the Christian Church in America. Research projects on significant religious leaders and movements.
- 342 HISTORY OF METHODISM (3) Wi 61-62
The study of the origin, development and progress of the movement known as Methodism. Special emphasis will be given to appreciation of the Methodist tradition and the history of the Free Methodist Church.
- 343 MODERN RELIGIOUS CULTS (3) Sp 61-62
Attention is given to the origin, progress and fallacies of such movements as Adventism, Christian Science, Mormonism, Spiritualism, Theosophy, etc.
- 541 HISTORICAL THEOLOGY (5) Offered on Demand
A study of the progressive development of Christian thought in its ecclesiastical setting.

Practical Field

OFFERED EACH YEAR

- 164 PERSONAL EVANGELISM (2) Wi
A class designed for all who desire special training in the work of personal evangelism. All engaged in active religious work while in college are required to take this course.
- 166 CREATIVE DRAMATICS FOR CHURCH SCHOOL WORKERS (1) Au-eve.
For the purpose of deepening the understanding of the Christian faith through the art of creative dramatics. Practical training in Creative Dramatics for those who guide children. Observations available.
- 260 INTRODUCTION TO CHRISTIAN EDUCATION (3) Au
Survey of the field of Christian Education with special emphasis given to its dynamics, principles, methods and administration.

- 262 CHRISTIAN ART (2) Sp 61-62
A study of religious paintings and arranging material for use in Christian services.
- 347 INTERPRETATIVE READING OF THE BIBLE (3) Wi 61-62
(For description, See Speech 347.)
- 362 AUDIO VISUAL METHODS (3) 61-62
- 476 CAMP COUNSELLING AND ADMINISTRATION (5) Su 61-62
Prerequisite, permission; registration by appointment.
Directed observation and practice in major areas of camping responsibility including values, needs, and objectives in church related youth camps; organization and administration; elements of program; duties of personnel; camp problems. One and one-half weeks of each term in class session on campus, with three weeks of each term in directed experience in a selected Puget Sound summer camp.
- 563 INTRODUCTION TO GRADUATE RESEARCH IN RELIGION (2) Au 61-62
Required of all graduate students in the School of Religion. The graduate world; the technique of research, scientific method; bibliographical techniques. Designed for graduate students intending to write a thesis.

OFFERED ALTERNATE YEARS

- 120 METHODS OF TEACHING OUR BASIC BELIEFS (1) Wi-eve 61-62
Methods for teaching our beliefs to pre-school through High School ages; place of visuals, music, Bible, etc., as teaching tools; for Church School teachers and superintendents, youth workers and parents.
- 150 THE CHURCH SCHOOL TEACHER (1) Au-eve. 61-62
Place of the teacher in the Sunday School, emotions, study, where to find information, personality of the teacher, the challenge of Sunday Church School teaching. Inspirationally searching, the course seeks to make clear the characteristics of an effective teacher. Designed for the church school worker.
- 160 SUMMER CAMP COUNSELLING (1) Sp-eve. 61-62
Counselling techniques, patterns of camp organization; assignment of personnel; duties; setting up the camp; etc.
- 161 ORGANIZING AND ADMINISTERING THE SUNDAY SCHOOL (1) 60-61
Au-eve.
A how-to course giving direction on ways and means of working with people on the organizational level in Church and Sunday School.
- 165 INTRODUCTION TO THE FREE METHODIST CHURCH (3) Au 61-62
A general course covering the books listed in the preliminary course of study for Free Methodist ministers. Examinations will be given over three of the books. Required of all Free Methodist ministerial students.
- 261 SERMON PREPARATION (5) Sp 61-62
Consideration is given to the principles of preaching. The inductive method is employed, using a variety of noted sermons as laboratory material.
- 360 CHRISTIAN EDUCATION OF CHILDREN (3) Sp 61-62
A study of the child through what are known as the beginner, primary, and junior periods, with emphasis upon the principles and methods for giving religious instruction and building Christian character.
- 361 WEEK-DAY AND VACATION BIBLE SCHOOL (2) Sp 61-62
A thorough study of the history, principles, program and administration of each of these two specific areas of Christian Education work.

- 363 CHURCH AND PASTORAL ADMINISTRATION (5) Wi 61-62
A course dealing with problems of pastoral work, church administration, and Sunday School administration and ministerial ethics.
- 460 CHRISTIAN EDUCATION OF YOUTH (2) Wi 61-62
A study into the nature and needs of youth during the three periods—junior high, senior high, and young adult—for the purpose of developing an adequate program for their Christian education.
- 461 CHURCH SCHOOL ADMINISTRATION (2) Wi 60-61
A study of the organization and administration of the various church programs for Christian education, including the Sunday School and the Vacation Bible School.
- 464 PHILOSOPHY OF CHRISTIAN EDUCATION (3) Sp 60-61
An examination of the basic religious needs of the growing personality, relating them to the provisions of the Christian Faith.

Missions

OFFERED EACH YEAR

- 180 MISSIONARY PRINCIPLES (2) Au 61-62
The Bible Basis of missions; the missionary motive, objective, call; qualifications and preparation of the missionary candidate.
- 181 MISSIONARY PRACTICES (2) Wi 61-62
Mission boards, their organization, financial policies, furloughs, records, reports, etc.; application and appointment of candidates; first term of service; promotion in the local church.
- 280 HISTORY OF MISSIONS TO 1800 (3) Wi 61-62
- 281 HISTORY OF MODERN MISSIONS (3) Sp 61-62
Not open to students who have taken Rel. 280 as five credits.
- 380 MISSIONARY METHODS (3) Au 61-62
The study of methods used on the field, an evaluation of the anthropological approach, the practice of subsidies, indigenous methods; the comprehensive parish program.
- 480 RELIGIONS OF THE WORLD (5) Au 61-62
A study of the major non-Christian religions, their origin, development, nature, doctrine, and literature.
- 484 ROMAN CATHOLICISM (5) Wi 61-62
The development of the organization, beliefs, worship, and practices of the Roman Catholic church.
- 490 PROBLEMS OF MODERN MISSIONS (5) Sp 61-62
Prerequisite, permission of the instructor.
Problems connected with the personal life of the missionary, living on the field and working with the nationals, the relationship of missions and government, the approach to non-Christian religions, the development of an indigenous Christianity and the establishment of an indigenous church. Students do intensive work in one of three broad areas: Asia and the Islands, Africa and the Moslem countries, Latin America.
- 597, 98, 99 THESIS (3) Each quarter.

OFFERED ALTERNATE YEARS

- 495 THE CHRISTIAN APPROACH TO NON-CHRISTIAN RELIGIONS (3) Offered on Demand.
An inquiry into the basic philosophy of missions, treating such problems as general and specific revelation, continuity, adaptation and approach.
- 580 LIFE AND WORK OF THE YOUNGER CHURCHES (5) Offered on Demand
The founding, growth, present life and task of the churches on the mission field; their relationship to their national scene, to one another, to the older churches and to the world mission of the Church.

SIGN LANGUAGE

Instructor, FLORENCE I. JORDAN

- 100 DACTYLOLOGY, ELEMENTARY SIGN LANGUAGE (1) Au Wi Sp
Three credits are equivalent to one quarter of Course 150.
- 150 DACTYLOLOGY, ELEMENTARY SIGN LANGUAGE (3) Au Wi Sp
Language of "How to talk with the deaf," or gestures, expressions, impersonations, pantomime and acting.
- 151 ADVANCED SIGN LANGUAGE (3) Au Wi Sp
How to interpret for the deaf. Interpreting selections. Advanced conversation sign language.
- 152 ADVANCED INTERPRETATION (2) Sp
- 350 RELIGIOUS AND LEGAL INTERPRETATION (2) Sp

SOCIOLOGY

Professor, C. MELVIN FOREMAN; *Professor*, PHILIP F. ASHTON

Sociology studies the development, organization and behavior of human groups. Its general purpose is to explain uniformities and processes of human social behavior and the nature and relations of institutions; to stimulate a critical and constructive attitude toward programs of reform; and to furnish a sound basis of information for intelligent citizenship. It is a basic study for persons preparing for field investigation, teaching and journalism, personnel work, institutional management, social work and public welfare, and research on human relations. Sociology supplements specialized training along such lines.

Requirements for major: Students majoring in Sociology must earn at least 40 credits in the field, half of which must be in courses numbering above 300. Courses numbered 110, 231, 340, 352 and 430 must be included. Course 110 is prerequisite to all other courses in the department.

OFFERED EACH YEAR

- 110 SURVEY OF SOCIOLOGY (5) Au Wi Sp
Basic principles for understanding social relationships.
- 352 MARRIAGE AND THE FAMILY (5) Wi
The family as an institution and a mode for personal living; marital adjustment; parent-child relationships; changing family patterns; family disorganization and reorganization.

OFFERED ALTERNATE YEARS

- 231 SOCIAL STATISTICS (5) Au 61-62
Analysis of processes of social and personal disorganization and reorganization in relation to poverty, crime, suicide, family disorganization, mental disorders and similar social problems.

- 270 SURVEY OF CONTEMPORARY SOCIAL PROBLEMS (5) Wi 60-61
Analysis of processes of social and personal disorganization and reorganization in relation to poverty, crime, suicide, family disorganization, mental disorders and similar social problems.
- 340 COLLECTIVE BEHAVIOR (5) Au 61-62
The social psychology of organized and unorganized social movements, mobs, crowds, masses, fashions. Voluntary and compulsory association; their leadership, social composition, organization and tactics.
- 360 INTERGROUP RELATIONS (2½) Su 62
The nature, causes and possible amelioration of conflicts between racial sub-groups in America.
- 362 RACIAL AND ETHNIC MINORITIES (5) Sp 61-62
Nature of minority relations, methods and problems of group adjustment and positions of different minority groups in American socio-cultural life.
- 365 URBAN SOCIETY (2½) Su 60
A study of contemporary urban society in the United States with special attention given to the growth of cities, spatial patterns, social relations, and city planning.
- 370 SOCIOLOGY OF DEVIANT BEHAVIOR (2½) Su 60
Attention will be given to the study of various theories and methods of control of deviant behavior. Opportunity will be given to investigate certain specific forms of deviant behavior.
- 371 CRIMINOLOGY (5) Au 60-61
Individual and social factors in delinquency; history and methods of criminal justice. Field trips to local penal institutions.
- 390 SOCIAL CHANGE (3) Sp 61-62
The nature of change, evolution, revolution, and progress as concepts and occurrences; processes and forms of change in society; cultural lags; recent social trends.
- 410 SMALL GROUP RESEARCH (3) Sp 60-61
Comparative analysis and critical evaluation of concepts, hypotheses, techniques and results of research on small groups.
- 430 HUMAN ECOLOGY (5) Sp 60-61
Factors and forces which determine the distribution of people and institutions.
- 431 METHODS OF SOCIAL RESEARCH (3) Sp 61-62
The development of social research; the nature of scientific inquiry and basic methods and techniques; examination of representative sociological studies from the standpoint of methodology.
- 442 PUBLIC OPINION AND PROPAGANDA (3) Au 60-61
Public Opinion in relation to social control and collective behavior; propaganda analysis; agencies of mass impression; opinion measurements.
- 472 JUVENILE DELINQUENCY (3) Wi 61-62
The delinquent as a person and delinquency as a social problem. Theories of delinquency causation, methods of correctional treatment and preventive programs.

SPANISH

Assistant Professor, DOLORES L. SANDERS

The Department of Spanish offers courses leading to the Bachelor of Arts degree and to areas of concentration for the teaching certificate. The Department strongly recommends

that students preparing to teach on the secondary level complete a departmental major and the B.A. degree requirements. By careful planning those who enter Spanish 204 in the freshman year are able to complete more than one departmental major in addition to the requirements for the teaching certificate.

Students may begin any course for which they have the prerequisite or equivalent. Those with two semesters of high school Spanish may enter for credit either 101 or 102 upon recommendation of the instructor; those with three semesters should enter 103; those with four semesters enter 204. Those presenting more than four semesters who are uncertain about proper placement in beginning courses will enter the level indicated by their proficiency as determined by the instructor.

The requirement for the major is forty-five credits above Spanish 103 or the equivalent. All courses will apply on the teaching area under any option.

- 101-102, 103 ELEMENTARY SPANISH (5) (5) (5) Au Wi Sp
No credit will be given for Spanish 101 until completion of Spanish 102. Three quarters constitute a minimum for reading knowledge.
- 204, 205, 206 INTERMEDIATE SPANISH (3) (3) (3) Au Wi Sp
Prerequisite, Spanish 103 or four semesters in high school or equivalent.
Functional grammar, composition and modern texts.
- 210, 211 ELEMENTARY SPANISH CONVERSATION (2) (2) Au Wi
Prerequisite, Spanish 103 or equivalent.
It is recommended that Spanish 210 and 211 be combined with Spanish 204 and 205 to form a five-hour course although either may be taken separately.
- 212 INTERMEDIATE SPANISH READING (2) Sp
Prerequisite, 206, which may be taken concurrently.
An introduction to modern writers with emphasis on acquisition of an extensive vocabulary.
- 301, 302, 303 ADVANCED SPANISH GRAMMAR AND SYNTAX (3) (3) (3) Au Wi Sp 60-61
Prerequisite, Spanish 206 or equivalent.
Problems of Spanish grammar from the teacher's point of view and methods of presentation.
- 307, 308, 309 SPANISH AMERICAN NOVEL (2) (2) (2) Au Wi Sp 61-62
Prerequisite, Spanish 206 or equivalent.
Study of the literary trends and reading of representative novels.
- 311, 312, 313 ADVANCED COMPOSITION AND CONVERSATION (2) (2) (2) Au Wi Sp 61-62
Prerequisite, Spanish 206 or equivalent.
For students offering Spanish as an area of concentration for the teaching certificate.
- 315, 316, 317 SURVEY OF SPANISH LITERATURE (3) (3) (3) Au Wi Sp 60-61
Prerequisite, Spanish 212 or permission of instructor.
Spanish literature from earliest times to the present.
- 390 READING AND CONFERENCE (1-3) Au Wi Sp
Prerequisite, permission of instructor. Offered on demand.
Reading in areas of special need. Offered according to need.
- 441, 442, 443 SPANISH DRAMA (3) (3) (3) Au Wi Sp
Prerequisite, Spanish 206 or equivalent. Offered on demand.
A study of the major Golden Age and modern dramatists. Offered according to demand.

SPEECH

Associate Professor, PAUL F. ROSSER; Instructor, WILLIAM A. HANSEN; Instructor, GLYNDON D. RILEY; Lecturer, MRS. MARGARET WOODS; Lecturer, DR. ELIZABETH JENKS

The department offers knowledge of the principles and mastery of the means of oral communication. Courses are designed to give an understanding of the mechanism of speech production, the functions of speech in conversation or public utterance, and individual opportunity for improvement through practical experience in speaking.

Requirements for a major: To prepare students for graduate schools in speech, to enhance a broad liberal education, and to insure some acquaintance with several areas in the field of speech, the following courses are required of all majors: 100, 101, 230, 305, and 428 or 490 with additional credits to complete 45 hours, 20 of which must be numbered above 300. Five hours of approved English Literature or Political Science are credited toward the Speech major hour requirements.

Teacher Certification with one broad area of concentration: For an emphasis in Speech under the one broad area in Language Arts students should choose 36 hours from the following: Speech 100, 101, 110, 145, 227 or 230, 260, 305, 306, 315, 365, 409, 412, 427, 435, 428 or 490.

Teacher Certification with two broad-areas of concentration: Students desiring Speech, under the area of Language Arts under Option II, should choose over 20 hours from the following: Speech 100, 145, 230 or 330, 305, 306, 365, 409, 412, 427, 435 or 490.

OFFERED EACH YEAR

- 100 FUNDAMENTALS OF SPEAKING (3) Au Wi Sp Su
A first course in Speech combining basic theory with an opportunity for individual improvement in oral communication, in both conversational and public forms. This basic course is directed to students desiring but one course in Speech and to potential Speech majors and minors for whom it is required.
- 101 FUNDAMENTALS OF PUBLIC SPEAKING (3) Wi Sp
In this course attention is given to problems of speech delivery for specific occasions. Emphasis is placed on the establishment of fundamental coordination of mind, voice and body in the process of public communication. Sample speeches of contemporary public figures are also studied as models for student guides.
- 107 SPEECH FOR FOREIGN STUDENTS (2) Au
A course for students from non-English language backgrounds. Group and individual training to improve vocabulary, pronunciation and understanding of spoken English.
- 110 THE SPEAKING VOICE (3) Wi
A fundamental course in voice production for all speaking occasions. Attention toward proper breathing, adequate volume, and pleasing quality in the voice.
- 133, 134 SPEECH WORKSHOP (2) (2) Au Wi
Introduction to contest speaking and speech tournament participation. Practice and instruction in the arts of debating, oral reading, radio speaking and after dinner speaking. Designed to assist in the solution of practical problems connected with intercollegiate, intramural, and other speech activities of the student.
- 145 ORAL INTERPRETATION OF LITERATURE (3) Au
A fundamental course in oral interpretation of the printed page, including instruction in basic techniques of vocal interpretation with opportunities for practical experience in class.
- 227 SMALL GROUP DISCUSSION TECHNIQUES (2) Au
A workshop course in the cooperative solving of problems through group deliberation utilizing oral discourse methods. Training experience is abundantly given for leadership and participation in discussion.

- 230 LOGIC AND PERSUASIVE SPEAKING (5) Au
Study and application of persuasive elements in human relationships and in effective speaking with guides to orderly consistent thinking. Applying inductive and deductive methods to daily thought and speech.
- 231 PERSUASIVE SPEAKING AND PARLIAMENTARY PROCEDURE (3) Wi
A continuation of Speech 230 with preparation and delivery of practical extemporaneous speeches of persuasion. Considerable attention is given to audience, subject and occasion analysis. One-third of the time is devoted to parliamentary procedure and practical training in group chairmanship.
- 260 RADIO SPEECH (3) Sp
Prerequisite, 100, 101 or 145.
A basic course in radio speech, microphone techniques, audience analysis and script preparation. Practical experience is given before the microphone for each student.
- 305 PRINCIPLES AND METHODS OF PLAY DIRECTING (3) Wi
Fundamental principles of play production from the standpoint of the director. This course is aimed to give theoretical and practical experience to prospective teachers, ministers and others, in the fundamentals of directing church or community plays.
- 306 SPEECH FOR THE CLASSROOM TEACHER (4) Au Wi Sp Su
The new awareness of speech communication in classrooms with methods of encouraging maximum pupil development for all levels. Practical speech suggestions for future teachers, ministers and leaders.
- 310 VOICE AND ARTICULATION (3) Sp
Prerequisite, 100, 101 or 110.
An advanced course in voice development and correct enunciation. Recordings of acceptable standards are used as well as recordings of student work during the course.
- 315 BETTER SPEECH (3) Sp
A study of the tools and rules of oral communication with a view to perfecting diction and enlarging the working vocabulary. The course is designed particularly for the student inadequate in vehicles of expression.
- 333, 334 INTERCOLLEGIATE FORENSICS (2) (2) Au Wi
Special conference sections for members and prospective members of the Forensic squad.
- 347 ORAL INTERPRETATIVE READING OF THE BIBLE (3) Wi
Technique of oral interpretation as applied to the public reading of the Scriptures. Includes a study of the types of literature contained in the Bible and practice in selection and presentation.
- 365 RADIO PRODUCTION WORKSHOP (1) Sp
Prerequisite, 260 or permission.
Offered according to demand.
- 427 CONFERENCE LEADERSHIP (5) Sp
Acquainting people with conference techniques and developing the ability to work with other people in group solutions of problems. How to get things done in conference, understandings of human relationships involved, and application of pleasing personality traits to this important phase of leadership training.
- 490 SPEECH FOR HANDICAPPED SCHOOL CHILDREN (5) Au
A course covering the nature, causes and corrective therapy for certain speech defects. This course is of value to all prospective teachers, especially those who will be teaching in the primary grades. Open to Speech majors of junior standing.

- 491 CLINICAL TRAINING IN SPEECH CORRECTION (1-2) Au Wi Sp
Under the supervision and guidance of the Speech director, qualified students apply the principles of speech correction in clinical practice to cases needing speech improvement.
- 498 READING IN THE FIELD OF SPEECH (3) Au Wi Sp Su
Offered according to demand; essentially limited to Speech majors needing additional work in certain particular areas of the field of speech.

OFFERED ALTERNATE YEARS

- 143 CHORAL SPEAKING CHOIR (2) 61-62
Prerequisite, Course 145 or Oral Interpretative Experience.
Group interpretation of prose and poetry as a method of Speech training. The course includes conducting, training methods of teaching group speaking in public schools.
- 240, 241, 242 INDIVIDUAL INSTRUCTION IN SPEECH (2) (2) (2) 60-61
Au Wi Sp
The purpose of this course is to prepare the student for teaching and recital work in the Speech field.
- 330 ADVANCED ARGUMENTATION (3) 61-62
Advanced course in oral discussion and debate. It includes analysis of the question, types of argument, evidence, fallacies and problems in persuasion.
- 331 ADVANCED ARGUMENTATION (3) 61-62
A continuation of Course 330, with attention directed toward individual speaking experience both in the classroom and before other groups.
- 335 PARLIAMENTARY LAW AND PROCEDURE (2) 60-61
A study of the principles of Parliamentary Law with class practices in actual Parliamentary Procedure and Chairmanship.
- 340, 341, 342 INDIVIDUAL INSTRUCTION IN SPEECH (1-3) Au Sp Su 61-62
The purpose of this course is to prepare the student for platform and pulpit work; cutting and arranging material for platform reading. Methods of conducting and planning public programs, sermons and radio talks.
- 343 EXPERIENCES IN GROUP READING (2½) Su 61
Choral speaking experiences adapted to the class membership which will be adjusted to the varying needs of all school levels. The chief aim of the course will be that of exploring poetic selections for group or personal enjoyment through vocal utterance and the oral reading process.
- 345 ADVANCED ORAL INTERPRETATION (2) Sp 61-62
Advanced work, including selection, cutting and analysis of materials and preparation for presentation of all types of literary interpretation.
- 409 ANATOMY OF THE LARYNX AND EAR (2) Au 61-62
A lecture course dealing with the physiological structure and function for speech of the human larynx and ear.
- 412 SPEECH TEACHING METHODS (3) Sp 60-61
A course in the teaching of speech education particularly fitted for prospective teachers of language arts and speech at the high school, junior college and college level. An historic survey of speech education in America and current teaching methods and problems of the speech classroom and curriculum. May meet Education 412 requirement with permission for qualified students.

- 425 SPEECH HELPS FOR COLLEGE STUDENTS (5) 61-62
A study and practical application of speech principles for various speaking occasions with attention directed toward student's individual problems in preparation, organization and delivery.
- 428 SURVEY OF CLASSICAL RHETORIC (5) Au 61-62
Tracing the roots of rhetoric in sketches of Aristotle, Plato and Cicero with their contributions to the field of public speaking. The most exhaustive short treatise extant on rhetoric and audience analysis.
- 435 HISTORIC AMERICAN SPEECHES (3) Wi 60-61
A study of selected model speeches in American history. Analysis is made of the Speech through study of the occasion, the speaker, and effect on the contemporary affairs.
- 456 SPEECH WORKSHOP IN CREATIVE DRAMATICS 60-61
(See Ed. 456)
- 460 SPEECH ADVANCED CREATIVE DRAMATICS 60-61
(See Ed. 460)

ZOOLOGY

Professor, HAROLD T. WIEBE

Requirements for Major: Forty credits. Students planning to major in Zoology are required to take Courses 101 and 102 and earn 30 additional credits at least 20 of which must be in upper division courses. In addition majors are expected to have one year of college chemistry, a college course in algebra and a reading knowledge of German or French.

The objectives of the Zoology department are to develop in the student a recognition that Christian faith and scientific knowledge are in essential agreement, to instruct him in the scientific method with particular emphasis in the areas of morphology and physiology, to help him recognize that intellectual and moral integrity are essential for life in general and the field of science in particular and to prepare him for graduate work, research, teaching, the study of medicine, nursing, or other professional services.

OFFERED EACH YEAR

- 101 GENERAL ZOOLOGY (5) Wi
Elementary facts concerning structures, functions and distribution of animals with emphasis upon the frog as a representative animal. Three lecture periods and two two-period laboratory sessions per week.
- 102 GENERAL ZOOLOGY (5) Sp
Prerequisite, Course 101 or 229 and 230.
A survey of animal groups, including invertebrate phyla and the chordates. Three lecture periods and two two-period laboratory sessions per week.
- 115 SURVEY OF BIOLOGICAL SCIENCES (BOTANY) (2½) Su
An introduction to the biological sciences, with emphasis on Botany and Microbiology. Designed for non-majors. Five class periods per week for one term. Demonstration. Not open to students who have taken Zoology 115 as 5 credits, nor to those who have taken Zoology 101 or 102.
- 116 SURVEY OF BIOLOGICAL SCIENCES (ZOOLOGY) (2½) Su
An introduction to the biological sciences, with emphasis on Zoology. Designed for non-majors. Five class periods per week for one term. Demonstration. Not open to students who have taken Zool. 115 as five credits, nor to those who have taken Zool. 101 or 102.

- 229, 230 ANATOMY AND PHYSIOLOGY (5 or 6) Au Wi
Course 229 includes the skeletal, muscular and nervous systems. Course 230 includes circulatory, respiratory, digestive, endocrine, excretory and reproductive systems. Three lecture periods and two two-period laboratory sessions per week. An additional session of two laboratory periods for those taking the course for 6 credits.
- 486 WORKSHOP TODAY AND SCIENCE (2½ or 5) Su
Prerequisite, Basic science requirement satisfied.
A practicum type of approach to a survey of the broad area of science including both the biological and the physical with special reference and application for today. Five class periods per week.
- 495 READING AND CONFERENCE (1-5) Sp
Prerequisite, permission of the staff and 15 upper division credits of "B" grade work in the department.
For description of course, see Microbiology 495.

OFFERED ALTERNATE YEARS

- 303 HISTOLOGY (5) Sp 60-61
Prerequisite, Course 101 and 102 or equivalent.
Study of vertebrate tissues and microtechnique. Three lecture periods and two two-period laboratory sessions per week.
- 310 ECOLOGY (5) Offered on Demand
Prerequisite, Course 102 or permission.
A study of the interrelationships of animals and plants and environmental factors influencing their distribution. Three lecture periods and two two-period laboratory sessions per week.
- 321 VERTEBRATE EMBRYOLOGY (5) Au 60-61
Prerequisite, Course 101 or 102.
A study of the developmental history of animals with emphasis on the vertebrate forms. Basic examples used are frog, chick and pig. Three lecture periods and two two-period laboratory sessions per week.
- 322 PHYSIOLOGY OF MUSCULAR EXERCISE (3) Au 60-61
Prerequisite, Courses 229 and 230.
For description of Course, see P.E. 322.
- 330 NATURAL HISTORY OF INVERTEBRATES (5) Offered on Demand
Prerequisite, Course 101 and 102 or 10 credits in Biology with permission.
A field and laboratory course including freshwater and marine animals emphasizing their habits, habitats, identification and interrelationships.
- 332 COMPARATIVE ANATOMY (5) Sp 61-62
Prerequisite, Courses 101 and 102.
Comparative morphology of types of organization in the vertebrate animals. Basic forms studied by dissection are dogfish, necturus, and cat. Three lecture periods and two two-period laboratory sessions per week.
- 340 IMMUNOLOGY AND SEROLOGY (5) Sp 60-61
Prerequisite, Micro. 301.
For description of course, see Micro. 340.
- 435 GENERAL VIROLOGY (3) Sp 61-62
Prerequisite, Course 101, or Microbiology 301.
For description of course, see Microbiology 435.

- 455 PARASTOLOGY (5) Au 61-62
Prerequisite, Course 101 and 102 or permission.
 A study of the structure and life-history of parasites. Emphasis is placed on protozoan and worm parasites in relationship to man. Three lecture periods and two two-period laboratory sessions per week.
- 471 GENETICS AND EUGENICS (2½) Su 60-61
Prerequisite, Course 101 or permission.
 A study of the principles of heredity as derived from cytological evidence and of their application to the improvement of society. Five class periods per week for one term.

COLLEGE PERSONNEL

BOARD OF TRUSTEES

Elected by the Washington Conference

Accession		Expiration
1942	Ralph R. Richards, M.A., Leavenworth, Washington	1962
1949	Stuart W. Holmes, M.D., Oroville, Washington	1961
1951	C. Woodrow Willson, B.S., Bremerton, Washington	1960
1953	Harold S. Overland, C.P.A., Ellensburg, Washington	1962
1954	Charles W. Burbank, East Stanwood, Washington	1960
1955	Burton T. Root, B.A., Bellevue, Washington	1961
1956	Forest C. Bush, B.A., B.D., Seattle, Washington	1962
1957	Howard Fear, Chehalis, Washington	1960
1958	Paul T. Walls, Seattle, Washington	1961

Elected by the Oregon Conference

1950	Evan K. Gibson, Ph.D., Corvallis, Oregon	1962
1958	Mark H. Shockey, Sr., B.A., Redmond, Oregon	1961

Elected by the Columbia River Conference

1939	Guy V. Jones, Chewelah, Washington	1960
1954	Roy W. Howell, B.A., Caldwell, Idaho	1960

Elected by the Alumni Association

1958	M. Marvin Wallace, M.D., Kirkland, Washington	1961
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Elected by the Trustee Board

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1938	Roy Harrington, St. Helens, Oregon	1961
1941	R. Elmer McDowell, East Stanwood, Washington	1962
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1952	Margaret R. McCarty, M.A. (Secretary), Seattle, Washington	1961
1953	G. Kimball Burns (Treasurer), Seattle, Washington	1960
1959	Thomas J. Isaac, B.A., LL.B., Seattle, Washington	1961
1959	Walter P. Johnson, Seattle, Washington	1960

EXECUTIVE COMMITTEE

PAUL T. WALLS, *Chairman*

MARVIN E. BURKE

MARION B. ROBBINS

MARGARET R. McCARTY, *Secretary*

FOREST C. BUSH

M. MARVIN WALLACE

C. WOODROW WILLSON

FACULTY

- C. DORR DEMARAY, M.A., Litt.D. 600 West Dravus
President ATwater 3-3927
A.B.Ed., University of Michigan, 1924; M.A., University of Michigan, 1927; Litt.D., Seattle Pacific College, 1946. Professor, Adrian College, 1924-27; Professor, Sterling College, 1927-29; Professor, Los Angeles Pacific College, 1930-48. Dean of Students, 1936-41, President, 1941-48; Pastor, Seattle Pacific College Church, 1948-59; President, Seattle Pacific College, 1959—.
- CHARLES HOYT WATSON, M.A., LL.D., Litt.D. 512 West Barrett
President Emeritus of Seattle Pacific College ATwater 3-1671
President of Seattle Pacific College, 1926-59.
- ARTHUR LEON ARKSEY, M.A. 2574 Third Avenue West
Instructor in English ATwater 2-0539
B.A., Greenville, 1948; M.A., University of Illinois, 1952. Instructor, Whitworth College, 1954-58, Part-time Instructor, Seattle Pacific College, 1958-59; Instructor, 1959—.
- PHILIP F. ASHTON, Ph.D. 811 West Bertona
Dean of Instruction and Professor of Psychology ATwater 3-5896
B.A., University of Washington, 1927; M.A., 1929; Ph.D., 1937. Instructor, Centralia High School, Washington, 1927-28; Seattle Y.M.C.A. Schools, Washington, 1928-29; Principal of Academy and Instructor, Seattle Pacific College, 1929-33; Professor and Registrar, 1933-38; Vice-President, 1938-42; Lecturer, University of Washington, summers 1939 and 1942. Professor and Dean, Houghton College, 1942-44. Visiting Professor, Wheaton College, summers 1943 and 1944; Director of Personnel and Guidance, and Professor, Seattle Pacific College, 1944-46; Dean of Students and Professor, 1946-47; Dean of Instruction and Professor, 1947—.
- T. LUCILLE BAILEY, B.A., B.A. in Ed. 3235 Fifth Avenue West
Part-Time Instructor in Business ATwater 2-9584
B.A., Seattle Pacific College, 1952; B.A. in Ed., 1956. Part-time Instructor, Seattle Pacific College, 1956—.
- BURTON L. BEEGLE, M.S., D.Sc. 19019 - 71st Avenue N.E., Bothell, Wash.
Professor Emeritus of Mathematics HUinter 6-5124
Mathematics Department, Seattle Pacific College, 1917-22, 1926-57.
- BERNARD V. BUCK, B.S. 3409 - 9th Avenue West
Instructor in Physical Education and Track Coach ATwater 4-4657
B.S., Seattle Pacific College, 1951. Director of Athletics and Instructor, Los Angeles Pacific College, 1953-57; Instructor, Seattle Pacific College, 1957—.
- JANET B. BUCK, B.S. 3409 - 9th Avenue West
Part-Time Instructor in Mathematics ATwater 4-4657
B.S., Seattle Pacific College, 1955. Part-time Instructor, Seattle Pacific College, 1957—.
- ANNA E. BURNS, M.A. 1802 17th - Avenue
Associate Professor Emeritus of English
English Department, Seattle Pacific College, 1922-45.
- FLORA M. BURNS, B.A. 2369 Franklin Avenue
Part-Time Instructor in Home Economics EAsT 3-1332
B.A., University of Washington, 1955. Part-time Instructor, Seattle Pacific College, 1955—.
- MARGARET A. BURSSELL, B.E., B.S. in Library Science 3007 East 65th
Assistant Professor and Librarian Lakeview 2-5290
B.E., University of Washington, 1922; B.S. in Library Science, 1931. Librarian, Seattle Pacific College, 1937—.
- YUNG-PING CHEN, Ph. D. 4120 Eleventh N.E.
Assistant Professor MELrose 3-2030
B.A. Taiwan University, 1952; M.A. University of Washington, 1957; Ph.D. 1960. Teaching Fellow in Economics, University of Washington, 1956-59; Instructor, 1959-60; Assistant Professor of Economics, Seattle Pacific College, 1960—.
- ELVIS E. COCHRANE, M.A., ThM., D.D. 26 West Dravus
Professor of Philosophy ATwater 2-8830
B.A., Greenville College, 1915; M.A., University of Southern California, 1921; M.Th., 1935; D.D., Seattle Pacific College, 1942. Pastor and Conference Superintendent, Southern California Conference, 1919-46; Professor, Pacific Bible College, 1944-46; Associate Professor, Seattle Pacific College, 1946-51; Professor, 1951—.

- ELLA CUTKOSKY, M.A. 5264 - 19th Avenue N.E.
Part-Time Instructor in Physical Education LAkeview 2-5666
B.A., Mankato State College; M.A., College of the Pacific. Instructor, Stockton College, 1948-51; Westminster College, 1951-52; Chapman College, 1953-56; Part-time Instructor, Seattle Pacific College, 1959—.
- LILLIAN DANIELSON, B.A. 915 North M. Street, Tacoma
Associate Professor Emeritus of Speech
Speech Department, Seattle Pacific College, 1935-48.
- JOSEPH L. DAVIS, B.A., S.T.B. 3019 Third Avenue West
Associate Professor of Religion ATwater 3-4041
B.A., Seattle Pacific College, 1941; S.T.B., Biblical Seminary, New York, 1944; Part-time Instructor, Seattle Pacific College, 1947-49; Assistant Professor, 1950-52; Associate Professor, 1952—.
- DONALD E. DEMARAY, B.D., Ph.D. 61 West Cremona
Associate Professor of Religion and Dean of School of Religion ATwater 2-7902
B.A., Los Angeles Pacific College, 1946; B.D., Asbury Theological Seminary, 1949. Ph.D., University of Edinburgh, 1952; Supply Preacher, Church of Scotland, 1950-52; Lecturer in Religion, Seattle Pacific College, 1952-52; Assistant Professor, 1953-56; Associate Professor, 1956—; Dean of School of Religion, 1959—.
- BURTON D. DIETZMAN, M.A. 503 West Bertona
Professor of Chemistry ATwater 2-7902
B.S., Greenville College, 1934; M.A., Indiana University, 1940. Instructor in Science, Westington Springs Junior College, 1934-41; Associate Professor of Chemistry, Greenville College, 1941-43; Chemist in charge of analytical laboratories, Permutit Water Conditioning Company, New York, 1943-46; Associate Professor, Seattle Pacific College, 1946-49; Professor, 1949—.
- CHARLES W. DOHNER, M.S. 3307 Third Avenue West
Director of Guidance and Instructor in Mathematics ATwater 4-7700
B.S., Seattle Pacific College, 1950; B.Ed., 1951; M.S., Kansas State Teachers College, 1957. Instructor, Central College, 1952-54; Instructor, Wichita High School, 1954-57; Instructor, Seattle Pacific College, 1957—; Director of Guidance, 1960—.
- C. MELVIN FOREMAN, S.T.B., Ph.D. 2922 Fifth Avenue West
Dean of Students and Professor of Sociology ATwater 3-9723
B.A., Seattle Pacific College, 1942; S.T.B., Biblical Seminary, New York, 1945; M.A., University of Washington, 1955; Ph.D., 1957; Dean, Los Angeles Pacific College, 1945-58; State of Washington Division of Probation and Paroles, 1952-53; Instructor, Seattle Pacific College, 1948-50; Dean of Men, 1948-51; Assistant Professor, 1950-52; Associate Professor, 1953-38; Professor, 1958—; Dean of Students, 1959—.
- INGA-LISA FRANZON, B.S. 3247 Twelfth Avenue West
Instructor in Physical Education for Women ATwater 3-7894
B.S., Arvedsons Gymnastic Institute, Stockholm, Sweden, 1936; Visiting Professor, Colegio de Maria Inmaculada, Colombia, 1939; Instructor in Physical Education, Junior and Senior High school, Haustavik, Sweden, 1938-43. Assistant Professor and Director of Physical Education for Women, combined High school and Junior College, Shefteo, Sweden, 1943-50; Associate Professor, Municipal Girls School, Boras Sweden, 1950-56; Exchange Professor, Gustavns Adalpus College, St. Peter, Minnesota, 1956-57; Part-time Instructor, Seattle Pacific College, 1958-59; Instructor, 1959—.
- GERALD H. GILL, M.A., S.T.B. 3307 Third Avenue West
Instructor in Philosophy and Religion ATwater 4-7700
B.A., Westmont College, 1956; M.A., University of Washington, 1957; S.T.B., Biblical Seminary in New York, 1960. Coach, Ladeside School, 1956-57; Teacher, Stony Brook School, 1957-59; Pastor, Evangelical Bethesda Church, 1959-60; Instructor, Seattle Pacific College, 1960—.
- LYDIA F. GREEN, B.S., R.N. 711 West Bertona
Assistant Professor and Director of Nursing Education ATwater 2-4792
B.S., University of Nebraska, 1928; Instructing Supervisor, University of Nebraska School of Nursing, 1930-32; Director of Nursing Service, Grinnell Memorial Hospital, China, 1932-38; Nursing Supervisor, The Doctor's Hospital, Seattle, 1951-52; Assistant Professor and Director of Nursing Education, Seattle Pacific College, 1952—.
- LESTER N. HABEGGER, B.A., M.Ed. 1816 North 195th
Assistant Professor of Education and Head Coach LIncoln 6-1835
B.A., Wheaton College, 1954; M.Ed., University of Minnesota, 1956; Instructor, Northwestern College, 1954-56; Instructor, Seattle Pacific College, 1956-57; Assistant Professor, 1957—.
- WILLIAM A. HANSEN, B.A. 1618 Third Avenue West
Part-Time Instructor in English ATwater 4-1612
B.A., Seattle Pacific College, 1956. Part-time Instructor, Seattle Pacific College, 1958—.

- CORA J. HASTINGS, B.S. 1907½ Queen Anne Avenue
Instructor in Education ATwater 4-7675
B.S., Roberts Wesleyan, 1955. Teacher in Public Schools, Pennsylvania and New York, 1945-49, 1955-59; Instructor, Seattle Pacific College, 1960—.
- WALTER HELSEL, B.A., Th.M. 2165 North 180th
Registrar and Professor of Religion EMerson 4-0959
B.A., Seattle Pacific College, 1939; S.T.B., Biblical Seminary, New York, 1942; Th.M., Princeton Theological Seminary, 1949. Dean, School of Religion, Seattle Pacific College, 1941-48; Director, School of Missions, Seattle Pacific College, 1949-59; Associate Professor of Religion, 1942-45; Professor of Religion, 1945—; Registrar, 1954—.
- N. MARIE HOLLOWELL, B.A. 3307 Third Avenue West
Dean of Women ATwater 4-7700
B.A., McPherson College, 1949; Instructor and House Mother, Central College, 1949-52; Dean of Women, Seattle Pacific College, 1953—.
- ERNEST W. HORN, Ed.D. 408 West Galer
Dean of the School of Education, Professor of Education ATwater 4-7700
B.S., Marion College, 1949; M.S., Indiana University, 1950; Ed.D., 1956. Teacher, Bloomington, Indiana, High School, 1951-55; Assistant Professor, School of Education, Indiana University, 1956-58; Dean of School of Education, Seattle Pacific College, 1958-60.
- ELIZABETH M. JENKS, Ph.D. 6537 - 32nd Avenue N.E.
Part-time Instructor in Education LAkeview 3-5317
A.B., University of California, 1920; M.A., Cornell University, 1928; Ph.D., University of Washington, 1953; San Jose State College, 1928-37; Extension Department, University of Washington, 1937-47; Instructor in Speech, University of Washington, 1947-53; Part-time Instructor, Seattle Pacific College, 1958—.
- WINSTON A. JOHNSON, Mus.M., M.S.M., A.A.G.O. 9530 Lakeshore Blvd.
Instructor in Organ and Piano LAkeview 3-2300
Mus.B., American Conservatory of Music, Chicago, 1937; Mus.M., 1941; M.S.M., School of Sacred Music, U.T.S., New York City, 1951; Instructor, North Park College, Chicago, 1941-42; 1946-49; 1950-51; Instructor, Trinity Seminary and Bible Institute, Chicago, 1946-49; 1950-51; Part-Time Instructor, Seattle Pacific College, 1952-53; Instructor, 1953—.
- FLORENCE I. JORDAN, 344 West Bertona Street
Part-time Instructor in Sign Language ATwater 3-4274
Private teacher of voice, Los Angeles, 1924-32 Christian Deaf Fellowship Teacher, Los Angeles, 1946-50 Gallaudet College, Washington, D. C., 1950-51; Part-time Instructor, Seattle Pacific College, 1951—; Bible Study Groups for Deaf, 1957—.
- RICHARD B. KAMM, A.B. 1816 North 195th
Assistant Basketball and Baseball Coach Lincoln 6-1835
A.B., Wheaton College, 1957; High School Teaching, 1957-59; Assistant Coach, Seattle Pacific College, 1959—.
- GOLDA NELSON KENDRICK, Ph.D. 14720 - 27th N.E.
Professor of Education and French EMerson 2-2485
B.A., University of Nebraska, 1910; M.A., University of Washington, 1935; Ph.D., University of Washington, 1939; Private Teaching in Voice, Seattle Studio, 1929-33; Teaching Fellow in Romance Language Department, University of Washington, 1933-37 President of Washington State Federation of Music Clubs, 1936-38 National Chairman, Department of American Folk Music Research, 1937-43 Co-Chairman of Choral Music, 1947-49 Co-Chairman International Music Relations, N.F.M.C., 1951-53 Editor of MUSIC FLASHES, 1950— Director of Music and Allied Arts, Seattle Pacific College, 1920-25; Associate Professor, Seattle Pacific College, 1935-41; Professor, 1941-43 and 1945—.
- DONALD D. KERLEE, Ph.D. 653 West Bertona
Associate Professor of Physics ATwater 2-5390
B.S., Seattle Pacific College, 1951; Ph.D., University of Washington, 1956; Assistant Professor, Seattle Pacific College, 1956-58; Associate Professor, 1958—.
- GAIL MARIE KISER, B.A. 160 Florentia
Assistant Professor of Missions ATwater 3-9518
Graduate, Chicago Evangelistic Institute, 1927; B.A., Seattle Pacific College, 1947; Missionary to China, 1936-41; Pastoral work, 1942-45; Dean of Women, Tientsin Bible Seminary, Tientsin, China, 1947-48; Preceptress, Seattle Pacific College, 1949-50; Instructor, Seattle Pacific College, 1951-52; Assistant Professor, 1952—.

- DOROTHY BOYD KREIDER, B.A. 2810 Fourth Avenue West
Assistant Professor of Home Economics ATwater 3-2413
B.A., Seattle Pacific College, 1933. Teacher in Public Schools of Washington, 1935-38; Critic Teacher, Seattle Pacific Training School, 1940-41; Instructor Seattle Pacific College, 1942-44, 1945-52; Assistant Professor, 1952—.
- ORA KARL KRIENKE, Jr., M.A. M.S. 11210 Palatine Avenue
Instructor in Mathematics and Physics EMerson 3-1506
Graduate Simpson Bible Institute, 1951; B.A., Seattle Pacific College, 1953; M.A., Seattle Pacific College, 1955 M.S., University of Washington, 1959 Part-time Instructor, Seattle Pacific College, 1953-56 Instructor, 1956—.
- VIVIAN LARSON, M.A. 3329 Fifth Avenue West
Professor of Education ATwater 3-4074
B.A., Bethany-Peniel College, 1931; M.A., University of Iowa, 1938; Critic Teacher, Wessington Springs College, 1932-37; Director of Teacher Training, Wessington Springs College, 1938-40; Assistant Professor of Education; Director of Activity School, Greenville College, summers 1938-40; Instructor in Education and Supervisor, Seattle Pacific College, 1940-41; Assistant Professor, 1941-47; Associate Professor, 1947-53; Professor, 1953—.
- WINIFRED J. LEIGHTON, B.M., M.A. 19207 Richmond Beach Drive
Associate Professor of Music LIncoln 2-4925
B.M., University of Washington, 1932; M.A., 1939; Instructor in Public School Music, 1933-42; Instructor in Music in Seattle City Schools, 1942-44; Instructor in Music, University of Alaska, 1945-46; Instructor, Seattle Pacific College, 1947-48; Assistant Professor, 1948-51; Associate Professor, 1951—.
- DONALD McNICHOLS, M.A. 3307 Third Avenue West
Associate Professor of English ATwater 3-6409
B.A., Los Angeles Pacific College, 1951; B.A., University of Southern California, 1947; M.A., 1950; Graduate Research Student, Hamilton Library, 1949-50; Principal Los Angeles Pacific College High School and Professor of English, Los Angeles Pacific College, 1940-50; Dean and Professor of English, George Fox College, 1950-55; Assistant Professor, Seattle Pacific College, 1955-57; Associate Professor, 1957—.
- MARCILE C. MACK, B.M., M.M. 17533 Wallingford Avenue
Instructor in Music LIncoln 2-4973
B.Mus., Cleveland Institute of Music, 1942; Instructor in Music, Cleveland Bible College, 1940-45; Instructor in Music, Houghton College, 1945-52; M. Mus., Cleveland Institute of Music, 1946; Instructor in Music, Bethel College, 1952-55; Instructor, Seattle Pacific College, 1955—.
- PHILIP J. MACK, B.M., M.M. 17533 Wallingford Avenue
Assistant Professor of Music LIncoln 2-4973
B.S., Wheaton College, 1936 B.Mus., Cleveland Institute of Music, 1946; Instructor in Music, Providence Bible Institute, 1936-39; Instructor in Music, Bible Institute of Pennsylvania, 1939-40; Instructor in Music, Cleveland Bible College, 1940-45; Instructor in Music, Houghton College, 1946-52; M.Mus., Eastman School of Music, 1952; Chairman of Division of Fine Arts, Bethel College, 1952-55; Assistant Professor, Seattle Pacific College, 1955—.
- C. MAY MARSTON, M.A., Litt.D. 3211 Fifth Avenue West
Professor Emeritus of German ATwater 3-4831
- ARMETTA MEDLOCK, M.A. 304 West Bertona
Assistant Professor of Art ATwater 3-0320
B.A., Greenville College, 1934; M.A., Adams State College, 1947; Instructor in Public Schools of Colorado, 1940-47; Instructor, San Luis Institute of Arts and Crafts, summer of 1947; Instructor, Seattle Pacific College, 1947-50; Assistant Professor, 1950—.
- LEON V. METCALF, M.M. 1615 Second Avenue West
Part-Time Instructor in Music and Band Director ATwater 3-8325
B.M.Ed., Northwestern University, 1928; M.M., University of Michigan, 1934; Guest Professor, Montana State University, summers 1936, 1937, 1941; Guest Instructor, Northwestern University, summers 1928-29; Instructor, Whittier College, 1937-38; Director of Music, California Institute of Technology, 1938-41; Assistant in English and Music classes and consultant in Ixmiquilpan, Mexico, 1958-59; Instructor, Seattle Pacific College, 1952-55; 1959—.
- MENDAL B. MILLER, M.A., LL.D. 2528 First Avenue North
Professor of Economics and Business ATwater 3-0535
Director of Public Relations
B.A., Greenville College, 1930; M.A., University of Southern California, 1936; LL.D., Seattle Pacific College, 1946. Instructor, Los Angeles Pacific College, 1930-34; Dean of Men, Central College, 1934-36; Assistant Professor of Economics, Morningside College, 1936-40; Professor of Economics, Morningside College, 1940-45; President, Central College, 1945-53; Professor of Economics, Seattle Pacific College, 1953—.

- OTTO M. MILLER, M.S., D.Sc. 403 West Dravus
Executive Vice-President and Professor of Physics ATwater 3-0535
B.S., University of Nebraska, 1926; M.S., Kansas State College, 1932; D.Sc., Seattle Pacific College, 1959. Teaching Assistant, University of Nebraska, 1925-26, and summers of 1925, 1927; Teacher, Public High School, 1927-29; Head, Science Department, Central College, 1926-27; 1929-37; Dean, 1929-37; Dean, Seattle Pacific College, 1937-42; Professor of Physics, 1937—; Executive Vice-President, Seattle Pacific College, 1944—.
- ANDREW F. MONTANA, Ph.D. 917 Emerson
Associate Professor of Chemistry ATwater 3-9408
B.S., Seattle Pacific College, 1951; Ph.D., University of Washington, 1957; Teaching Fellow in Chemistry, University of Washington, 1951-53; Instructor, Seattle Pacific College, 1955-57; Assistant Professor, 1957-59; Associate Professor, 1959—.
- JACOB MOYER, M.A. 3210 Fourth Avenue West
Professor Emeritus of Chemistry ATwater 3-6420
Chemistry Department, Seattle Pacific College, 1925-46.
- MABEL JONES MOYER 3210 Fourth Avenue West
Instructor ATwater 3-6420
Graduate, Greenville College of Music, 1901; Student of Rudolph Ganz, Chicago Musical College, 1902; Assistant in Piano, Greenville College, 1899-1901; Head of Music Department, Spring Arbor Seminary, 1903-07; Director of Music, Greenville College, 1907-10; Director, School of Music, Seattle Pacific College, 1933-40; Instructor, 1925—.
- LUCILLE I. PILOT, M.A. 304 West Bertona
Instructor in Business ATwater 3-8269
Graduate, Cleveland Bible Institute, 1927; B.A., John Fletcher College, 1939; M.A., University of Iowa, 1943; Instructor, Brown's Business College, Iowa, 1942-43; Instructor in Business and Sociology, Kletzing College, 1943-46; Teacher, Public High School, 1946-47; Assistant Professor of Business, Greenville, College, 1947-49; Wessington Springs College, 1959; Assistant Professor of Business, Seattle Pacific College, 1951-56, Instructor, 1959—.
- CARL H. REED, M.A. 14035 Palatine Avenue
Instructor in Music EMerson 3-2723
B.A., Seattle Pacific College, 1951; M.A., University of Washington, 1956; Instructor in Music, George Fox College, 1952-55; Instructor, Seattle Pacific College, 1957—.
- CLARA M. RILEY, M.A. 17 West Dravus
Part-Time Instructor in Psychology ATwater 3-0112
B.A., Pepperdine College, 1953; M.A., Pepperdine College, 1956; Counsellor of Women, Pepperdine College, 1953-55; Teacher, Los Angeles City Schools, 1955-56; Part-time Instructor, Seattle Pacific College, 1956—.
- GLYNDON D. RILEY, M.A. 17 West Dravus
Instructor in Speech ATwater 3-0112
B.A., Pepperdine College, 1952; M.A., Pepperdine College, 1956; Instructor, Pepperdine College, 1953-54; Teacher, Hawthorne City Schools, 1955-56; Instructor, Seattle Pacific College, 1956—.
- CLIFFORD E. ROLOFF, M.A. 3201 Fifth Avenue West
Bursar and Professor of History ATwater 3-1230
B.A., Seattle Pacific College, 1931 M.A., University of Washington, 1932; Professor of History and Social Science, Wessington Springs College, 1934-36; Teacher, Central High School, Aberdeen, South Dakota, 1936-40; Dean and Registrar, Wessington Springs College, 1940-42; Summer School Staff, Greenville College, 1941; Part-time Instructor in Economics, Cascade College, 1934-44; Bursar, Assistant Professor, Seattle Pacific College, 1944-46; Bursar and Associate Professor, 1946-49; Bursar and Professor, 1949—.
- PAUL F. ROSSER, M.A. 104 Aloha Street
Associate Professor of Speech ATwater 3-3087
B.S., Seattle Pacific College, 1940; M.A., University of Washington, 1951; Instructor, Seattle Pacific College, 1948-49; Assistant Professor, 1949-53; Associate Professor, 1953—.
- DOLORIS L. SANDERS, M.A. 3014 Fourth Avenue West
Assistant Professor of Spanish ATwater 3-9740
B.A., University of Iowa, 1940; M.A., University of Washington, 1950; Graduate Study, University of Mexico, 1951; Fulbright Grant, South America, Summer, 1959. Teacher, Public High Schools, 1940-48; Teaching Fellow in Spanish, University of Washington, 1949; Instructor, Seattle Pacific College, 1949-51; Assistant Professor, 1951—.

- LAWRENCE R. SCHOENHALS, Ph.D. 709 West Dravus
Dean of Administration, Director of School of Music ATwater 3-3695
Professor of Music
B.A., Greenville College, 1935; M.A., University of Michigan, 1938; Ph.D., University of Washington, 1955. Director of Band and Orchestra, Greenville College, 1932-35; Instructor and Director of Choral Music, Central College, 1935-37; Professor of Music and Head of the Music Department, Huntington College, 1937-40; Associate Professor, Seattle Pacific College, 1940-42; Director of School of Music, 1940—; Professor of Music, 1942—; Registrar, 1942-48; Dean of Administration, 1956—.
- EUGENE ROSS SENFF, B.A. 712 - 35th Avenue
Part-Time Instructor in English EAst 3-5707
B.A., Northwest Bible College, 1954; B.A., Seattle Pacific College, 1957. Teacher, King's Garden High School, 1958-59 Part-time Instructor, Seattle Pacific College, 1959—.
- CHARLES F. SHOCKEY, Ed.D. 2534 Warren Avenue
Professor of Microbiology and Public Health ATwater 2-4542
B.S., University of Washington, 1935; M.S., Oregon State College, 1940; Ed.D., University of Michigan, 1943. Laboratory Assistant State Seafood Laboratory, 1940; State Department of Health, 1942-43; Bacteriologist, U.S. Fish and Wildlife Service, 1943-44; Instructor, Seattle Pacific College, 1935-36; 1941-42; Assistant Professor, 1944-46; Associate Professor, 1946-51; Professor, 1951—.
- ELMER B. SIEBRECHT, Ed.D. 3015½ Queen Anne Avenue
Associate Professor of Psychology ATwater 3-3548
Dean of School of Education
B.A., St. Olaf College, 1926; Teacher, Minnesota Public Schools, 1921-23; School Superintendent, North Dakota, 1926-35; M.A., University of Minnesota, 1934; President, Gale College, Wisconsin, 1936-39; Teaching Fellow, New York University, 1939-41; Ed.D., New York University, 1941; Instructor and Administrative Assistant, New York University, 1941-45; Education Specialist, Army Air Forces TAD, 1943-44 (on leave); Curriculum Specialist, New York Schools (on loan) 1944-45; Dean and Professor of Psychology, Gustavus Adolphus, 1945-52; Professor of Psychology-Research, Iowa State College, 1952-55; Associate Professor, Seattle Pacific College, 1955; Dean of School of Education, 1960—.
- PHYLLIS T. SMITH, B.Ed. 2456 Third Avenue West
Instructor in Education ATwater 3-2942
B.A., Seattle Pacific College, 1949, B.Ed., 1950; Teacher in public schools, 1950-57; Instructor, Seattle Pacific College, 1957—.
- LYLE G. STALEY, B.S., M.S.
Instructor in Music
B.S. in Education, Minot State Teachers College, 1951; M.S. in Music Education, University of Idaho, 1954; Music Instructor in Public Schools, 1951-55. High School Music Instructor, 1955-60. Instructor in Music, Seattle Pacific College, 1960—.
- ROY SWANSTROM, Ph.D. 3322 Ninth Avenue West
Associate Professor of History and Director of Publicity ATwater 2-4138
B.A., Seattle Pacific College, 1947; M.A., University of California, 1949; Ph.D., 1959. Instructor, Seattle Pacific College, 1949-51; Assistant Professor, 1956-1959. Associate Professor, 1959—.
- ELEANOR F. TATE, M.A. 10324 - 48th Avenue N.E.
Assistant Professor of English LAkeview 2-1588
B.A., Westmont College, 1948; M.A., University of Washington, 1952; Instructor, Seattle Christian High School, 1948-51, Instructor, Seattle Pacific College, 1952-55; Assistant Professor, 1955—.
- HAROLD R. VANVALIN, B.S. in E.E., B.S. in M.E. 703 West Etruria
Instructor in Engineering ATwater 4-1682
B.S., in Electrical Engineering and B.S. in Mechanical Engineering, University of Washington, 1955. Industrial Engineer, 1955-58; Instructor in Engineering, Seattle Pacific College, 1958—.
- F. WESLEY WALLS, Ph.D. 2930 Queen Anne Avenue
Professor of Political Science ATwater 3-1022
B.A., Greenville College, 1937; M.A., University of Washington, 1943; Ph.D., 1958. Danforth Teacher Study Grant, 1956-57. Instructor, Seattle Pacific College, 1941-44; Assistant Professor, 1944-49; Registrar, 1948-54; Associate Professor, 1949-54; Professor, 1954—.
- WINIFRED E. WETHER, Ph. D. 4336 - 54rd N.E.
Professor of Classical Languages LAkeview 2-8164
B.A., University of Oregon, 1929; M.A., University of Chicago, 1930; Ph.D., 1933; Daniel L. Shorey Fellow, University of Chicago 1931-32. Instructor, Helen Bush School, 1934-35; Professor, Seattle Pacific College, 1935—.

- DOROTHY A. WIEBE, B.A. 3307 Fifth Avenue West
Instructor in Education ATwater 3-4826
 B.A., Greenville College, 1939. Teacher, Public Schools, 1933-37; 1939-41; 1946-57; Critic Teacher, Greenville College, 1937-39; 1945-46; Instructor, 1944-45; Instructor, Seattle Pacific College, 1957—.
- HAROLD T. WIEBE, Ph.D. 3307 Fifth Avenue West
Dean of Graduate School and Professor of Zoology and Physiology
 ATwater 3-4826
 B.A., Greenville College, 1939; M.A., University of Illinois, 1940; Ph.D., 1950. Graduate Assistant, University of Illinois, 1946-48; Fellow, 1948-49. Teacher, Tabor College and Academy; Principal, Baxter School, Colorado; Associate Professor, Greenville College, 1945-46; Assistant Professor, Taylor University, 1949-50; Professor, 1950-52; Acting Dean, 1951-52; Associate Professor, Seattle Pacific College, 1952-53; Professor, 1953—; Director of Graduate Studies, 1952-59; Dean of Graduate School, 1959—.

LECTURERS

- HARRY E. BEASLEY, B.A. Commercial Artist
Art
- GUSTAVE BREITENBACH, M.A. Teacher, James Monroe Junior High
German
- EVELYN BUCKLEY, M.A. Educational Psychologist, Shoreline Public Schools
Education
- URBAN KRIBBS, M.Ed. Management Development at Boeing Airplane Company
Business
- A. LYALL LUSH, B.A., D.D. Missions Director, King's Garden
Art
- WINFRED McMULLEN, B.A. Pastor, Everett Free Methodist Church
Christian Education
- LULU MCNEESE Teacher, Edmonds Public Schools
Music Education
- GERALD F. NEWTON, M.Ed. Principal, West Queen Anne Elementary School
Education
- GIFFORD S. NICKERSON, M.A. Recreation Staff, Seattle Children's Home
Anthropology
- ALLEN J. OLSON, B.A. Principal Viewlands Elementary School
Education
- JOHANNA OWEN, B.A. Supervisor, Shoreline Public Schools
Education
- JOY PLEIN, Ph.D. in Pharmacy University of Washington
Nursing Education
- LOREN A. RANKIN, M.Ed. Principal, Maple Elementary School
Education
- FREDERICK E. SHULTS, B.A. Teacher, James Monroe Junior High
Education
- L. CLAYTON TISSELL, M.A. Group Insurance Department, John Hancock Insurance
Business
- PAUL T. WALLS, M.A.I. Partner, Butler & Walls, Real Estate
 Appraisers and Consultants
Business
- MARGARET S. WOODS, M.Ed. Specialist, Creative Dramatics
Education

FACULTY STANDING COMMITTEE CHAIRMEN
1959-1960

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| <i>Administrative Council</i> | <i>Library</i> |
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| <i>Athletics</i> | <i>Public Relations and Publicity</i> |
| BURTON D. DIETZMAN | M. B. MILLER |
| <i>Awards</i> | <i>Radio and TV</i> |
| F. WESLEY WALLS | PAUL F. ROSSER |
| <i>Campus Safety</i> | <i>Religious Activities</i> |
| ELMER B. SIEBRECHT | DONALD E. DEMARAY |
| <i>Catalog Editing</i> | <i>Scholarships</i> |
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| <i>Chapel Programs</i> | <i>School Appeals</i> |
| M. B. MILLER | CARL H. REED |
| <i>Counseling and Guidance</i> | <i>Social Activities - Students</i> |
| C. MELVIN FOREMAN | N. MARIE HOLLOWELL |
| <i>Faculty Club House</i> | <i>Social Activities - Faculty</i> |
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| <i>Graduate Studies</i> | <i>Student Publications</i> |
| HAROLD T. WIEBE | DONALD McNICHOLS |
| <i>Health Services</i> | <i>Summer Session and Evening School</i> |
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| <i>Historical Records</i> | |
| ORAL V. HEMRY | |

NON-TEACHING STAFF

- | | |
|---|---|
| LAURA L. ARKSEY, B.A.
Assistant Librarian | ERNEST LEACH, B.A.
Admissions Counsellor |
| DONNA ARMSTRONG
Secretary in Administration Office | JOHN G. LORTZ
Assistant Superintendent of Buildings and
Grounds, Camp Casey |
| FLOBA W. ASHTON, B.A.
Manager of Book Store | EULAH McDONALD
House Mother |
| LEONA BOWNES
House Mother | MABLE S. McMULLEN, B.S.
House Mother. |
| ESTHER Y. BURNS
Secretary to Dean of Instruction | LENA M. MILLER, B.A.
Cafeteria Manager |
| DANNA W. DAVIS, B.A.
Director of Alumni Office | GLADYS E. PAYNTON
Secretary to the Registrar |
| ROBERT M. FINE
College Pastor | NOBLE PULLEN
College Maintenance Staff |
| ERNEST E. GUTE
College Maintenance Staff | CARL SMITH, B.A.
Superintendent of Maintenance
and Chief Engineer |
| LUCILLE HEDEEN, B.A.
Secretary to the Vice President | HARRY I. STEGMAN, B.A.
Bookkeeper |
| ORAL V. HEMRY, M.A.
Business Manager | AUDREY TAYLOR
First Cook |
| PHILIP N. HOGUE, M.D.
College Physician | OPAL TOWNSEND
House Mother |
| DORIS HORN, B.A. | JOHN TREPUS
College Maintenance Staff |
| JOYCE KING
Secretary to the President | GEORGE UPTON, B.A.
Director of Development |
| MYRON P. KNIGGE
Assistant Superintendent of
Buildings and Grounds | |
| WILMA LANE
Cafeteria Assistant | |

ENROLLMENT STATISTICS

1958-59, 1960

SUMMER QUARTER 1958	MEN	WOMEN	TOTAL
Freshman	14	9	23
Sophomore	16	16	32
Junior	26	68	94
Senior	71	102	173
Graduate	58	208	266
Unclassified	1	3	4
Collegiate Enrollment	186	406	592
Special Music	3	8	11
Total	189	414	603

AUTUMN QUARTER 1958	MEN	WOMEN	TOTAL
Freshman	171	184	355
Sophomore	133	116	249
Junior	109	104	213
Senior	101	87	188
Graduate	39	63	102
Unclassified	14	4	18
Special	1	0	1
Total	568	558	1126

WINTER QUARTER 1959	MEN	WOMEN	TOTAL
Freshman	134	151	285
Sophomore	144	120	264
Junior	107	105	212
Senior	119	87	206
Graduate	63	67	130
Unclassified	10	4	14
Special	1	0	1
Total	578	534	1,112

SPRING QUARTER 1959	MEN	WOMEN	TOTAL
Freshman	109	140	249
Sophomore	121	111	232
Junior	119	94	213
Senior	118	117	235
Graduate	54	76	130
Unclassified	12	7	19
Total	533	545	1078

SUMMARIES

ACADEMIC YEAR, 1958-59 (Three Quarters)	MEN	WOMEN	TOTAL
Total Collegiate	686	715	1,401
Special Music	17	49	66
Total (Three Quarters)	703	764	1,467

CALENDAR YEAR, 1958-59 (Four Quarters)	MEN	WOMEN	TOTAL
Total Collegiate	872	1,121	1,993
Less Summer Quarter Duplicates	91	109	200
Net Collegiate (Four Quarters)	781	1,012	1,793
Special Music (Less Summer Duplicates) ..	19	53	72
Grand Total (Four Quarters)	800	1,065	1,865

SUMMER QUARTER 1959	MEN	WOMEN	TOTAL
Freshman	8	12	20
Sophomore	16	21	37
Junior	36	73	109
Senior	56	118	174
Graduate	88	204	292
Unclassified	3	3	6
Total	207	431	638

AUTUMN QUARTER 1959	MEN	WOMEN	TOTAL
Freshman	156	218	374
Sophomore	126	117	243
Junior	134	108	242
Senior	98	104	202
Graduate	45	77	122
Unclassified	5	8	13
Total	564	632	1,196

WINTER QUARTER 1960	MEN	WOMEN	TOTAL
Freshman	125	198	323
Sophomore	131	103	234
Junior	137	122	259
Senior	118	104	222
Graduate	52	76	128
Unclassified	5	6	11
Total	568	609	1,177

DEGREES CONFERRED

1958-59, 1960

SUMMER QUARTER 1958	MEN	WOMEN	TOTAL
Bachelor of Arts	17	6	23
Bachelor of Science	5	5	10
Bachelor of Arts in Education	12	20	32
Total	34	31	65

AUTUMN QUARTER 1958

Bachelor of Arts	3	1	4
Bachelor of Science	1	0	1
Bachelor of Arts in Education	3	4	7
Master of Arts	1	0	1
Total	8	5	13

WINTER QUARTER 1959

Bachelor of Arts	7	0	7
Bachelor of Science	2	0	2
Bachelor of Arts in Education	1	0	1
Total	10	0	10

SPRING QUARTER 1959

Bachelor of Arts	31	12	43
Bachelor of Science	14	11	25
Bachelor of Arts in Education	19	25	44
Master of Arts	3	0	3
Master of Education	1	0	1
Honorary Doctor	2	0	2
Total	70	48	118

SUMMARY 1958-59

Bachelor of Arts	58	19	77
Bachelor of Science	22	16	38
Bachelor of Arts in Education	35	49	84
Master of Arts	4	0	4
Master of Education	1	0	1
Honorary Doctor	2	0	2
Total	122	84	206

SUMMER QUARTER 1959

Bachelor of Arts	10	4	14
Bachelor of Science	7	2	9
Bachelor of Arts in Education	18	28	46
Total	35	34	69

AUTUMN QUARTER 1959

Bachelor of Science	2	0	2
Bachelor of Arts in Education	2	0	2
Master of Education	1	0	1
Total	5	0	5

WINTER QUARTER 1960

Bachelor of Arts	7	3	10
Bachelor of Science	4	6	10
Bachelor of Arts in Education	1	4	5
Total	12	13	25

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