

1958

Seattle Pacific College Catalog 1958-1959

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SEATTLE PACIFIC COLLEGE

SEATTLE 99, WASHINGTON



GENERAL BULLETIN
1958-1959

A Leading Christian College of the West

“Youth Facing Life With Christ”

Educational Standing

SEATTLE PACIFIC COLLEGE is a member of the Northwest Association of Colleges, 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 XXXVI

APRIL, 1958

Number 4

Published monthly by Seattle Pacific College, Seattle 99, Wash. Entered as second class matter Feb. 20, 1932, at Seattle, Wash., under Act of August 24, 1917.

Annual Catalog of Seattle Pacific College

SIXTY - EIGHTH YEAR

*Operated Under Auspices of the Free Methodist Church
Register of Officers, Teachers and Students
for 1957-58. Requirements for Admission,
General Regulations, and Courses
of Instruction for
1958 - 59*

SEATTLE PACIFIC COLLEGE

3307 Third Avenue West

Seattle 99, Washington

BOARD OF TRUSTEES

Elected by the Washington Conference

ACCESSION		EXPIRATION
1939	C. Otto Lightle, Seattle, Washington.....	1958
1942	Ralph R. Richards, M.A., Entiat, Washington.....	1959
1949	Stuart W. Holmes, M.D., Oroville, Washington.....	1958
1951	C. Woodrow Willson, B.S., Bremerton, Washington.....	1960
1953	Harold Overland, Ellensburg, Washington.....	1959
1954	C. W. Burbank, East Stanwood, Washington.....	1960
1955	B. T. Root, B.A., Seattle, Washington.....	1958
1956	Forrest C. Bush, B.A., B.D., Seattle, Washington.....	1959
1957	Howard Fear, Chehalis, Washington.....	1960

Elected by the Oregon Conference

1950	Evan K. Gibson, Ph.D., Corvallis, Oregon.....	1959
1955	M. C. Miller, B.A., Salem, Oregon.....	1958

Elected by the Columbia River Conference

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

Elected by the Alumni Association

1955	Richard C. Ashton, B.A., Kirkland, Washington.....	1958
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Elected by the Trustee Board

1938	M. B. Robbins (Chairman), Newberg, Oregon.....	1959
1938	Roy Harrington, St. Helens, Oregon.....	1958
1941	Elmer McDowell, East Stanwood, Washington.....	1959
1947	Marvin E. Burke, Seattle, Washington.....	1959
1950	C. Dorr Demaray, M.A., Litt.D., Seattle, Washington.....	1960
1952	Margaret J. McCarty, M.A. (Secretary), Seattle, Washington.....	1958
1953	G. Kimball Burns, (Treasurer), Seattle, Washington.....	1960

Executive Committee

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C. OTTO LIGHTLE	C. WOODROW WILLSON
G. KIMBALL BURNS	

FACULTY and ADMINISTRATION

Administration Officers

C. HOYT WATSON, M.A., LL.D., Litt. D.....	<i>President</i>
OTTO M. MILLER, M.S.....	<i>Executive Vice President</i>
PHILIP F. ASHTON, Ph.D.....	<i>Dean of the College</i>
LAWRENCE R. SCHOENHALS, Ph.D.....	<i>Dean of Administration</i>
HAROLD T. WIEBE, Ph.D.....	<i>Director of Graduate School</i>
E. WALTER HELSEL, Th.M.....	<i>Registrar</i>
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M. B. MILLER, M.A., LL.D.....	<i>Director of Public Relations</i>
ROY SWANSTROM, M.A.....	<i>Director of Publicity</i>
ORAL V. HEMRY, M.A.....	<i>Business Manager</i>
GEORGE UPTON, B.A.....	<i>Director of Development Program</i>
C. MELVIN FOREMAN, Ph.D.....	<i>Director of Guidance</i>
N. MARIE HOLLOWELL, B.A.....	<i>Dean of Women</i>
CHARLES W. DOHNER, M.S.....	<i>Men's Counselor</i>
VIVIAN LARSON, M.A.....	<i>Acting Dean, School of Education</i>
LYDIA F. GREEN, B.S., R.N.....	<i>Director of Department of Nursing</i>
ELVIS E. COCHRANE, Th.M., D.D.....	<i>Dean School of Religion</i>
E. WALTER HELSEL, Th.M.....	<i>Director of School of Missions</i>
MARGARET A. BURSELL, B.S. in Library Science.....	<i>Librarian</i>

Faculty

CHARLES HOYT WATSON, M.A. LL.D., Litt.D.....	600 West Dravus
<i>President</i>	ATwater 3-1671
B.A., University of Kansas, 1918; M.A., University of Kansas, 1923; LL.D., Whitworth College, 1941; Litt.D., Greenville College, 1952; Instructor, Orleans Seminary, 1910-11, 1913-14; Principal, Central Academy and College, 1914-16; Assistant Professor of Education, University of Kansas, 1918-23; Head, Science Department, Seattle Pacific College, 1923-25; Associate in Education, University of Washington, 1925-26; President, Seattle Pacific College 1926—.	
PHILIP F. ASHTON, Ph.D.....	811 West Bertona
<i>Dean of the College and Professor of Psychology</i>	ATwater 3-5896
B.A., University of Washington, 1927; M.A., 1929; Ph.D., 1937. Instructor in Mathematics, Centralia High School, Washington, 1927-28; Seattle Y.M.C.A. Schools, Washington, 1928-29; Principal, Central Academy and Instructor in Psychology, 1929-33; Professor of Psychology and Registrar, 1933-38; Vice-President, 1938-42, Seattle Pacific College; Lecturer in Education, University of Washington, summers 1939 and 1942. Professor of Psychology and Education and Dean, Houghton College, 1942-44. Visiting Professor, Wheaton College, summers 1943 and 1944. Director of Personnel and Guidance, Professor, Seattle Pacific College, 1944-46. Dean of Students and Professor, 1946-47; Dean of the College and Professor, 1947—.	
BURTON L. BEEGLE, M.S.....	19019-71st Ave N.E., Bothell, Wash.
<i>Professor Emeritus of Mathematics</i>	HUnter 6-5124
Mathematics Department, Seattle Pacific College, 1917-22, 1926-57.	
BERNARD V. BUCK, B.S.....	2369 Franklin Avenue
<i>Instructor in Physical Education</i>	EAsT 3-1332
B.S., Seattle Pacific College, 1951. Director of Athletics and Instructor in Physical Education, Los Angeles Pacific College, 1953-1957; Instructor, Seattle Pacific College, 1957—.	

- JANET B. BUCK, B.S. 2369 Franklin Avenue
EAsT 3-1332
Part-time Instructor in Mathematics
B.S., Seattle Pacific College, 1955; Part-time Instructor, Seattle Pacific College, 1957—.
- ANNA E. BURNS, M.A. 3329 5th W.
ATwater 3-7956
Associate Professor Emeritus of English
English Department, Seattle Pacific College, 1922-1945
- FLORA M. BURNS, B.A. 2369 Franklin Ave.
EAsT 3-1332
Part-time Instructor in Home Economics
B.A., University of Washington, 1955; Part-time Instructor, Seattle Pacific College, 1955—.
- MARGARET A. BURSELL, B.E., B.S. in Library Science 3007 E. 65th
LAkeview 2-5290
Assistant Professor and Librarian
B.E., University of Washington, 1922; B.S. in Library Science, University of Washington, 1931.
Librarian, Seattle Pacific College, 1937—.
- ELVIS E. COCHRANE, M.A., Th.M., D.D. 26 West Dravus
ATwater 2-8830
Professor of Philosophy and Dean of School of Religion
B.A., Greenville College, 1915; M.A., University of Southern California, 1921; Th.M., University of Southern California, 1935; D.D., Seattle Pacific College, 1942. Pastor and Conference Superintendent, Southern California Conference, 1919-46; Professor of Greek, Pacific Bible College, 1945-46; Associate Professor, Seattle Pacific College, 1946-51; Professor, 1951—.
- MARY B. DADE, B.A., B.L.S. 1407 Sixth Avenue West
ATwater 2-1471
Associate Librarian
B.A., Hiram College, 1942; B.L.S., Western Reserve University, 1946; Assistant Librarian, Cleveland Public Library, 1943-49; Librarian, Southeast School District, Portage County, Ohio, 1950-51; Librarian, George Fox College, 1951-1956; Associate Librarian, Seattle Pacific College, 1956—.
- LILLIAN DANIELSON, B.A. Rt. 1, Box 328, Port Orchard, Wash.
Associate Professor Emeritus of Speech
Speech Department, Seattle Pacific College, 1935-48.
- JOSEPH L. DAVIS, B.A., S.T.B. 3019 3rd Ave. W.
ATwater 3-4041
Associate Professor of Religion
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
ATwater 2-5470
Associate Professor of Religion
B.A., Los Angeles Pacific College, 1946; Graduate Student, The Biblical Seminary in New York, 1946-47; B.D., Asbury Theological Seminary, 1949; Graduate Student, University of Southern California, 1949-50; Graduate Student, University of Zurich, 1951; Ph.D., University of Edinburgh, 1952; Supply Preacher, Church of Scotland, 1950-52; Lecturer in Religion, Seattle Pacific College, 1952-53; Assistant Professor, 1953-56; Associate Professor, 1956—.
- BURTON D. DIETZMAN, M.A. 503 West Bertona
ATwater 2-7902
Professor of Chemistry
B.S., Greenville College, 1934; M.A., Indiana University, 1940. Instructor in Science, Westinghouse 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
ATwater 4-7700
Instructor in Mathematics and Men's Advisor
B.S., Seattle Pacific College, 1950; B.Ed., 1951; M.S., Kansas State Teachers College, 1957. Instructor in Mathematics, Central College, 1952-54; Instructor in Mathematics, Wichita High School, 1954-57; Instructor, Seattle Pacific College, 1957—.
- CLAIRE VAN DOWNES, B., M.A. 8715 Bothell Way N.E., Bothell, Washington
HUnter 6-4527
Part-time Instructor in English
B.A., University of Tampa, 1949; M.A., Florida State University, 1953; Teaching in public schools, 1949-50, 1953. Instructor, Seattle Pacific College, 1957—.
- C. MELVIN FOREMAN, S.T.B., Ph.D. 2922 Fifth West
ATwater 3-9723
Associate Professor of Sociology and Director of Guidance
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, 1945-48; State of Washington Division of Probation and Paroles, 1952-53; Instructor, Seattle Pacific College, 1948-51; Dean of Men, 1948-51; Assistant Professor, 1950-52; Associate Professor, 1953—.

- OLIVE M. GOODMAN, M.A. 4716 Fremont Ave.
MElrose 2-4254
Instructor in Education
B.A., Stanford University, 1932; M.A., Stanford University, 1933. Teacher in Modesto Evening Junior College, Modesto, California, 1940-42; Teacher in The Children's House, Pasadena, California, 1943-46; Teacher, Weekday Christian Education Classes of Pasadena Council of Churches, Pasadena, California, 1946-52; Substitute Teaching, Seattle Public Schools, 1952-53; Part-time Instructor in Education and Supervisor of Student Teaching, Seattle Pacific College, 1953-57; Instructor, 1957—.
- LYDIA F. GREEN, B.S., R.N. 711 West Bertona
ATwater 2-4792
Assistant Professor and Director of Nursing Education
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 Doctors' Hospital, Seattle, 1951-52; Assistant Professor and Director of Nursing Education, Seattle Pacific College, 1952—.
- LESTER N. HABEGGER, B.A., M.Ed. 3015 1/2 Queen Anne Avenue
ATwater 3-6067
Assistant Professor of Education and Head Coach
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—.
- E. WALTER HELSEL, B.A., Th.M. 3417 9th Ave. W.
ATwater 3-8839
Registrar and Director of School of Missions
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—; Associate Professor of Religion, 1942-45; Professor of Religion, 1945—; Registrar, 1954—.
- VIRGINIA L. HOFFMAN, M.S.P.E., Rec. Dir., P.E.D. 100 West Florentia
ATwater 3-4756
Associate Professor and Director of Physical Education for Women
B.A., Greenville College, 1943; M.S.P.E., Indiana University, 1950; R.Dir., Indiana University, 1951; P.E.D., Indiana University, 1955; Assistant Instructor, Central College, 1938-40; Assistant Instructor, Greenville College, 1941-43; Playground Supervisor, City of Colorado Springs, summers 1940-41, and 42; Chemist, Eastman Kodak Company, 1943-48; Graduate Assistant, School of Health, Physical Education and Recreation, Indiana University, 1948-50, 1952-53; Director Physical Education for Women, Westmar College, 1950-52; Fellowship, Indiana University, 1953-54; Assistant Professor and Director of Physical Education for Women, Seattle Pacific College, 1954-56; Associate Professor, 1957—.
- N. MARIE HOLLOWELL, B.A. 3307 Third Avenue West
ATwater 4-7700
Dean of Women
B.A., McPherson College, 1949; Instructor and House Mother, Central College, 1949-53; Dean of Women, Seattle Pacific College, 1953—.
- ERNEST W. HORN, Ed.D.
Dean of the School of Education, Professor of Education
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—.
- WINSTON A. JOHNSON, Mus.M., M.S.M., A.A.G.O. 9530 Lakeshore Blvd.
LAkeview 3-2300
Instructor in Organ and Piano
Mus.B., American Conservatory of Music, 1937; Mus. M., 1941; M.S.M., School of Sacred Music, U.T.S., New York City, 1951; President, Van Dusen Organ Club, Chicago, 1940-42; Associate in American Guild of Organists, 1949; Instructor, North Park College, Chicago, 1941-42; 1946-49; 1950-51; Instructor, Trinity Seminary and Bible Institute, Chicago, 1946-49; 1950-51; Church Organist and/or Choir Director since 1932; Part-time Instructor, Seattle Pacific College, 1952-53; Instructor, 1953—.
- FLORENCE I. JORDAN 344 Bertona
ATwater 2-4810
Part-time Instructor in Sign Language
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 Sign Language, Seattle Pacific College, 1951—.
- GOLDA NELSON KENDRICK, Ph.D. 14720 27th N.E.
EMerson 2-2485
Professor Emeritus of French (on special assignment)
B.A., University of Nebraska, 1910; M.A., University of Washington, 1935; Ph.D., University of Washington, 1939; Student in Voice, Gabrielle Lapiere, Paris, and Sir Henry Wood, London, 1927-28. 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, National Federation of Music Clubs, 1947—; 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
Assistant Professor of Physics ATwater 2-5390
B. S., Seattle Pacific College, 1951; Ph.D., University of Washington, 1956; Assistant Professor, Seattle Pacific College, 1956—.
- 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; Graduate student, Scarritt College, School of Missions, 1950; 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 4th Ave. W.
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., B.A., M.A.**.....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; Part-time Instructor, Seattle Pacific College, 1953-56; Instructor, 1956—.
- VIVIAN LARSON, M.A.**.....3329 5th Ave. W.
Professor of Education and Acting Dean of School 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 Bch. Dr.
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, B.A., M.A.**.....3227 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, Huntington 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 Ave.
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 Ave.
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—.
- MAY MARSTON, M.A., Litt.D.**.....3211 Fifth Ave. W.
Professor Emeritus of German (on special assignment) ATwater 3-4831
B.A., Greenville College, 1902; M.A., University of Washington, 1914; Litt.D., Seattle Pacific College, 1952; spent one summer traveling in England and Europe; Instructor in Foreign Language, Seattle Seminary, 1902-10; Instructor in German and French, 1910-16; Instructor in German, Central College, 1916-18; Professor, Seattle Pacific College, 1918—.
- 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—.

- MENDAL B. MILLER, M.A., LL.D.**.....2528 First Avenue North
Professor of Economics and Business Administration 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, 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.**.....403 W. Dravus
Executive Vice-President and Professor of Physics ATwater 2-7880
B.S., University of Nebraska, 1926; M.S., Kansas State College, 1932; Teaching Assistant, University of Nebraska, 1925-26, and summers of 1925, 1927; Head Science Department, Central College, 1926-27, 1929-37; Head, Science Department, Manhattan, Kansas High School, 1927-29; Dean, Central College, 1929-37; Dean and Professor of Physics, Seattle Pacific College, 1937-42; Lecturer in Physics, 1943-44; Executive Vice President, Professor, Seattle Pacific College, 1944—.
- ANDREW F. MONTANA, Ph.D.**.....917 Emerson
Assistant 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—.
- JACOB MOYER, M.A.**.....3210 Fourth Avenue West
Professor Emeritus of Chemistry ATwater 3-6420
Chemistry Department, Seattle Pacific College, 1925-1946
- MABEL JONES MOYER**.....3210 Fourth Ave. W.
Instructor Emeritus in Piano (on special assignment) 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—.
- EVA B. NEEDHAM, M.A.**.....2517 Miller St.
Part-time Instructor in English East 3-2843
B.A., Whitman College, 1920; M.A., University of Washington, 1958; Instructor in Romance Language, Whitman College, 1920-21; Instructor in English, Iauque English College, 1922-26; Teacher, Public Schools of Washington and Idaho, 1927-31; Instructor in English, College of Puget Sound, 1953-55; Part-time Instructor, Seattle Pacific College, 1955—.
- CARL H. REED, M.A.**.....2044 Yale North
Instructor in Music East 4-0725
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, B.A., M.A.**.....17 W. 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, B.A., M.A.**.....17 W. 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.**.....2500 2nd Ave. No.
Bursar and Professor of History ATwater 3-8307
B.A., Seattle Pacific College, 1951; 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, 1943-44; Bursar, Assistant Professor, Seattle Pacific College, 1944-46; Bursar and Associate Professor, 1946-49; Bursar and Professor, 1949—.
- PAUL F. ROSSER, B.S., 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—.

- PHOEBE C. ROSSER, B.A.104 Aloha Street
Instructor in Business ATwater 3-3087
B.A., Seattle Pacific College, 1942; Legal Stenographer, 1942-46; Part-time Instructor, Seattle Pacific College, 1950-51; Graduate work at University of Washington, 1956; Instructor in Business, Seattle Pacific College, 1956—.
- DOLORES L. SANDERS, M.A.3014 4th Ave W.
Assistant Professor of Spanish ATwater 3-9740
B.A., University of Iowa, 1940; M.A., University of Washington, 1950; Summer Study, National University of Mexico, 1951; Teacher in Palmer, Iowa, and Forest City, Iowa High Schools, 1940-44; Teacher, Weatherwax High School, Aberdeen, Washington, 1944-48; Teaching Fellow in Spanish, University of Washington, 1949; Instructor, Seattle Pacific College, 1949-51; Assistant Professor, 1951—.
- LAWRENCE R. SCHOENHALS, M.A., Ph.D.709 West Dravus
Dean of Administration and Director of School of Music ATwater 3-3695
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 in Voice 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, School of Music, Seattle Pacific College, 1940—; Professor, 1942—; Dean of Administration, 1956—.
- CHARLES F. SHOCKEY, Ed. D.364 Newell
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; State Department of Health, 1942-43; Instructor in Zoology, Seattle Pacific College, 1935-36; Laboratory Assistant State Seafood Laboratory, 1940; Instructor, Public Health and Sanitary Bacteriology, Seattle Pacific College, 1941-42; Bacteriologist, National Anti-septics, Inc., 1940-42; General Sanitation Technologist and Bacteriologist, U. S. Fish and Wildlife Service, 1943-44; Assistant Professor, Seattle Pacific College, 1944-46; Associate Professor, 1946-51; Professor, 1951—.
- ELMER B. SIEBRECHT, M.A., Ed.D.3015 1/2 Queen Anne Ave.
Associate Professor of Psychology ATwater 3-3548
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—.
- PHYLLIS T. SMITH, B.Ed.2456 3rd West
Instructor in Education ATwater 3-2942
B.A., Seattle Pacific College, 1949, B.Ed., 1950; Teaching in public schools, 1950-57; Instructor, Seattle Pacific College, 1957—.
- ROBERT E. STALEY, B.A.North 190th and Fremont
Part-time Instructor in Music IIncoln 2-3131
B.A., Jamestown College, 1952; Teaching in public schools, 1948-51; King's Garden High School, 1952—; Part-time Instructor, Seattle Pacific College, 1957—.
- ROY SWANSTROM, B.A., M.A.314 West Barrett
Assistant Professor of History and Director of Publicity ATwater 2-4138
B.A., Seattle Pacific College, 1948; M.A., University of California, 1949; Member of Staff of U. S. Senator Homer T. Bone, 1934-41; Instructor, Seattle Pacific College, 1949-51; Graduate Work, University of California, 1951-56; Assistant Professor, Seattle Pacific College, 1956—.
- ELEANOR F. TATE, M.A.10324 48th N.E.
Assistant Professor of English LAkeview 2-1588
Multnomah School of the Bible, 1944-46; B.A., Westmont College, 1948; M.A., University of Washington, 1952; Instructor, Seattle Christian School, 1948-51; Instructor, Seattle Pacific College, 1952-55; Assistant Professor, 1955—.
- HAROLD R. VAN VALIN, B.S. in E.E., B.S. in M.E.
Instructor in Engineering
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, M.A.2930 Queen Anne Ave.
Professor of Political Science ATwater 3-1022
B.A., Greenville College, 1937; M.A., University of Washington, 1943; Instructor, Seattle Pacific College, 1941-44; Assistant Professor, 1944-49; Registrar, 1948-54; Associate Professor, 1949-54; Professor, 1954—.

- WINIFRED E. WETER, Ph.D.4336 53rd N.E.
Professor of Classical Languages LAkeview 2-8164
B.A., University of Oregon, 1929; M.A., University of Chicago, 1930; Ph.D., University of Chicago, 1933; Daniel L. Shorey Fellow, University of Chicago, 1931-32; Instructor in Latin, Helen Bush School, 1934-35; Professor, Seattle Pacific College, 1935—.
- T. LUCILLE WHEELER, B.A., B.A. in Ed.3307 Third Avenue West
Part-time Instructor in Business ATwater 4-7700
B.A., Seattle Pacific College, 1952; B.A. in Ed., Seattle Pacific College, 1956; Secretary, Seattle Pacific College, 1952—; Part-Time Instructor, Seattle Pacific College, 1956—.
- DOROTHY WIEBE, B.A.3307 5th Avenue W.
Instructor in Education ATwater 3-4826
B.A., Greenville College, 1939; Instructor, Greenville College, 1943-1946; Teaching in public schools, 1946-57; Instructor, Seattle Pacific College, 1957—.
- HAROLD T. WIEBE, Ph.D.3307 5th Avenue W.
Director of Graduate Studies
Professor of Zoology and Physiology ATwater 3-4826
B.A., Greenville College, 1939; M.A., University of Illinois, 1940; Ph.D., 1950; from 1940 to 1946 positions held were: Teacher, Tabor College and Academy; Principal, Baxter School, Colorado; and Associate Professor of Biology, Greenville College. Graduate assistant in Zoology-Physiology Department, University of Illinois, 1946-48; Fellow in Zoology, University of Illinois, 1948-49; Professor of Biology, Taylor University, 1949-52; Acting Dean, 1951-52; Associate Professor, Seattle Pacific College, 1952-53; Professor, 1953—.

Non-Teaching Staff

- FLORA ASHTON, B.A.
Manager of Book Store
- LAWRENCE BLANCHARD
Assistant Superintendent of Buildings and Grounds
- VELMA L. CROFF, B.A.
House Mother
- JOHN H. CROSS
College Chef
- DANNA W. DAVIS, B.A.
Director of Mailing Bureau
- C. DORR DEMARAY, M.A., Litt.D.
College Pastor
- ORAL V. HEMRY, M.A.
Business Manager
- PHILIP N. HOGUE, M.D.
College Physician
- EUNICE JOVICK
Cafeteria Assistant
- M. P. KNIGGE
Assistant Superintendent of Buildings and Grounds
- MRS. HARRY LANE
Cafeteria Assistant
- JOHN G. LORTZ
Assistant Superintendent of Buildings and Grounds, Camp Casey
- EULAH McDONALD
Cafeteria Assistant
- MABLE S. McMULLEN, B.S.
House Mother
- LYDIA A. McNICHOLS, B.S.
Secretary to the President
- KITTY MAGEE, B.A.
Secretary, School of Education
- LENA M. MILLER, B.A.
Cafeteria Manager
- GLADYS E. PAYNTON
Secretary to the Registrar
- NOBLE PULLEN
College Maintenance Staff
- CARL SMITH, B.A.
Chief Engineer
- HARRY L. STEGMAN, B.A.
Bookkeeper
- OPAL TOWNSEND
House Mother
- GEORGE UPTON, B.A.
Director of Development

Lecturers

HARRY E. BEASLEY, B.A.....	Commercial Artist
<i>Lecturer in Art</i>	
EVELYN BUCKLEY, M.A.....	Educational Psychologist, Shoreline Public Schools
<i>Lecturer in Education</i>	
HARRY M. DIXON, Ph.D.....	Asst. Dir., Employee Training, Boeing Airplane Co.
<i>Lecturer in Business and Economics</i>	
HOWARD S. HATFIELD, B.S., C.L.U.....	Manager, Crown Ins. Co.
<i>Lecturer in Business and Economics</i>	
PATRICIA LANDIS, B.A.....	Teacher, Ridgecrest School, Shoreline
<i>Lecturer in Education</i>	
GERALD F. NEWTON, B.A., M.Ed.....	Principal, W. Queen Anne Elem. School
<i>Supervisor and Lecturer in Education</i>	
ALLEN J. OLSON, B.A.....	Principal, Viewlands Elementary School
<i>Lecturer in Education</i>	
HOMER L. PERKINS, D.D.S.....	Dentist, Medical Dental Building
<i>Lecturer in Physical Education</i>	
JOY PLEIN, Ph.D. in Pharmacy.....	University of Washington
<i>Lecturer in Nursing Education</i>	
PAUL T. WALLS, M.A.I.....	Vice President and General Manager,
<i>Lecturer in</i> Financial Securities Corp.; President, Columbia	
<i>Business and Economics</i> Mortgage Corp.	

Chairmen of Faculty Standing Committees

1957 - 1958

<i>Academic Affairs and Curriculum</i>	<i>Home Coming Committee</i>
PHILIP F. ASHTON	JOSEPH L. DAVIS
<i>Administrative Committee</i>	<i>Library</i>
LAWRENCE R. SCHOENHALS	MARGARET A. BURSELL
<i>Admission and Advanced Standing</i>	<i>Public Relations and Publicity</i>
E. WALTER HELSEL	M. B. MILLER
<i>Athletic Committee</i>	<i>Radio and TV</i>
BURTON D. DIETZMAN	PAUL F. ROSSER
<i>Awards</i>	<i>Religious Activities</i>
PAUL F. ROSSER	DONALD E. DEMARAY
<i>Chapel Programs</i>	<i>Scholarships</i>
M. B. MILLER	JOSEPH L. DAVIS
<i>Civil Defense</i>	<i>School Appeals</i>
F. WESLEY WALLS	DOLORES L. SANDERS
<i>Counseling and Guidance</i>	<i>Social Activities—Students</i>
C. MELVIN FOREMAN	N. MARIE HOLLOWELL
<i>Executive Committee</i>	<i>Social Activities—Faculty</i>
O. M. MILLER	MABEL S. McMULLEN
<i>Graduate</i>	<i>Student Publications</i>
HAROLD T. WIEBE	DONALD McNICHOLS
<i>Health</i>	<i>Summer Session and Evening School</i>
LYDIA F. GREEN	DONALD McNICHOLS
<i>Historical Records</i>	<i>Vespers</i>
MARGARET A. BURSELL	JOSEPH L. DAVIS

GENERAL INFORMATION

HISTORY

Seattle Pacific College was founded under the auspices of the Free Methodist Church in June, 1891, and opened its doors to students in April, 1893. By action of the Board of Trustees, the founding date of 1891 has been set as the date from which to compute the age of the school. Consequently, 1958-59 constitutes the sixty-eighth year.

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 department continued to be the dominant department. In later years the enrollment in the high school department decreased. This fact coupled with a rapid growth of the college department accounts for the discontinuance of the high school 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 on 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.

PATTERN AND POLICY

General Statement

Seattle Pacific College is thoroughly committed to a belief in the principles of Christianity and maintains a definite institutional pattern with the thought of inculcating these principles in the lives of its students. This institutional pattern is designed to bring about sound student growth spiritually, professionally, socially and physically.

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 class 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 interdenominational. As a result, more than 50 denominations are represented in the student body.

Statement of Faith

The essential pattern of the college is further indicated by its statement of Christian faith. In doctrine, Seattle Pacific College 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.

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 fifty scholarly Christian men and women who are ready not only 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.

Philosophy of Education

Seattle Pacific College is committed to the Christian philosophy of life. This philosophy recognizes the need of man both 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 upon 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 with 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 master-pieces 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.

REGULATIONS AND ORGANIZED ACTIVITIES TO AID IN ATTAINING THESE OBJECTIVES

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 manner and to 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 decision 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 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 found to be out of harmony with this regulation will be asked to withdraw from the college.

Religious Service Attendance

Seattle Pacific College conducts no religious services on the Lord's Day. 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.

Attendance at the Chapel program each school day is considered an important part of the regular program and is required. Excuses may be obtained only in exceptional cases, and then through the office of the Dean. The Wednesday evening student Vesper Service is also an essential part of the school program. Attendance of students living on or near the campus is expected. Those living at a distance are expected to attend as often as possible, but *in any event, at least once each quarter.*

Social Activities

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 are expected to contact the chairman of this committee well in advance regarding plans for social events.

LIVING CONDITIONS

Residence Halls

The college maintains five dormitories and several dormitory annexes which provide for 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 \$5.00 per student is required for room reservation. This fee is non-transferrable 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.

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 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.

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 a number of 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. The college maintains forty to fifty furnished housing units for the use of married students. The college also owns several apartment houses, making possible the housing of some twenty additional families. Information regarding these may be obtained by writing Professor Burton D. Dietzman.

Students away from home may live off campus only in approved places. Unmarried students may do light housekeeping in apartment houses or live in rooming houses only under the same condition. Students away from home and desiring to live off campus should confer with the Dean of Men or the Dean of Women regarding approved places and approval of arrangements.

The regulations regarding hours, attendance at religious services and the like apply to off campus students the same as to those living in the dormitories.

Obviously, students living off 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 to himself greater opportunities during his attendance at Seattle Pacific College.

TWO OUTSTANDING TRADITIONS

Mid-Week Vespers

Most delightful 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.

Daily Chapel

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 to the Dean. By tradition, planning and expectation the "Daily Chapel" at S.P.C. is its central institutional campus-wide activity. Interest is excellent and attendance is almost 100 per cent. Assembly at S. P. C. is quite unique when compared to college assembly programs in general.

OTHER SIGNIFICANT TRADITIONS AND 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 being established. In every case, however, a delightful tradition can be maintained only as it is honored by each new student who identifies himself with the program of the college. A few of these traditions which should be mentioned here are:

Special Events and Group Activities

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.

The All-College Banquet. The most important semi-formal function of the year, is usually held during the winter quarter or 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.

Spiritual Emphasis Weeks. By reference to the Calendar, in the front of this catalog, it will be noticed 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 evangelistic services.

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.

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.

CAMPUS ORGANIZATIONS AND ACTIVITIES

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 opportunity not only for 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 council so that they may gain experience in the democratic processes of community life. Members of the council are: the executive officers, one representative from each class and 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 A.M.S. 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 barbeque at a near-by ranch.

Associated Women Students. The A.W.S. 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, 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. The entire athletic program is geared to the curricular program of the school of Recreational Leadership.

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, hand ball, volley ball, 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.

No scholarship standard is set for participation in intramural athletic activities, but a grade score of 1.75 must have been earned the previous quarter if points are to be awarded in harmony with the award system.

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 Cappella 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.

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.

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 intercollegiate 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 Whidby 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. All students active in these events who maintain an acceptable grade point average may earn award points.

AWARDS AND HONORS

The Awards System

In order to stimulate participation in extra-curricular activities, Seattle Pacific College has provided for a rather elaborate awards system. Points are given for participation in the following activities: Athletics, Forensics, Music, Religious Activities, Publications, Student Body Affairs, or for some outstanding service rendered. When these points have accumulated to 150, a major award is given, which consists of a large letter—for athletics, a large block "S", and for other activities an Old English "S". A minor award is granted to each member of the senior class who has accumulated 100 points. This award is a smaller letter, corresponding in shape and color to the larger award.

Higher Awards

A sweater is offered annually to each student who has earned a total of 850 points, including at least 200 points in the current year. Sweaters are available only to juniors and seniors. A blanket is awarded to those students who have earned a total of at least 1200 points and have received at least 200 points in their senior year. Further details of the awards system may be found in the Student Handbook.

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. This list of names comprises a volume of about 1200 pages. Ten to fifteen outstanding young people at Seattle Pacific College are selected each year by the Faculty Awards Committee, and their names are sent in for publication in *Who's Who*.

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.

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 "honor" 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.

LOCATION AND GROUNDS

Seattle Pacific College is located in the very heart of Seattle, Washington, on the beautiful Puget Sound. The city has a population above 500,000. The Cascade Mountains to the east, and the Olympics to the west, are snow-capped the year around. The entire situation is such as to make a very mild and healthful climate.

The Campus

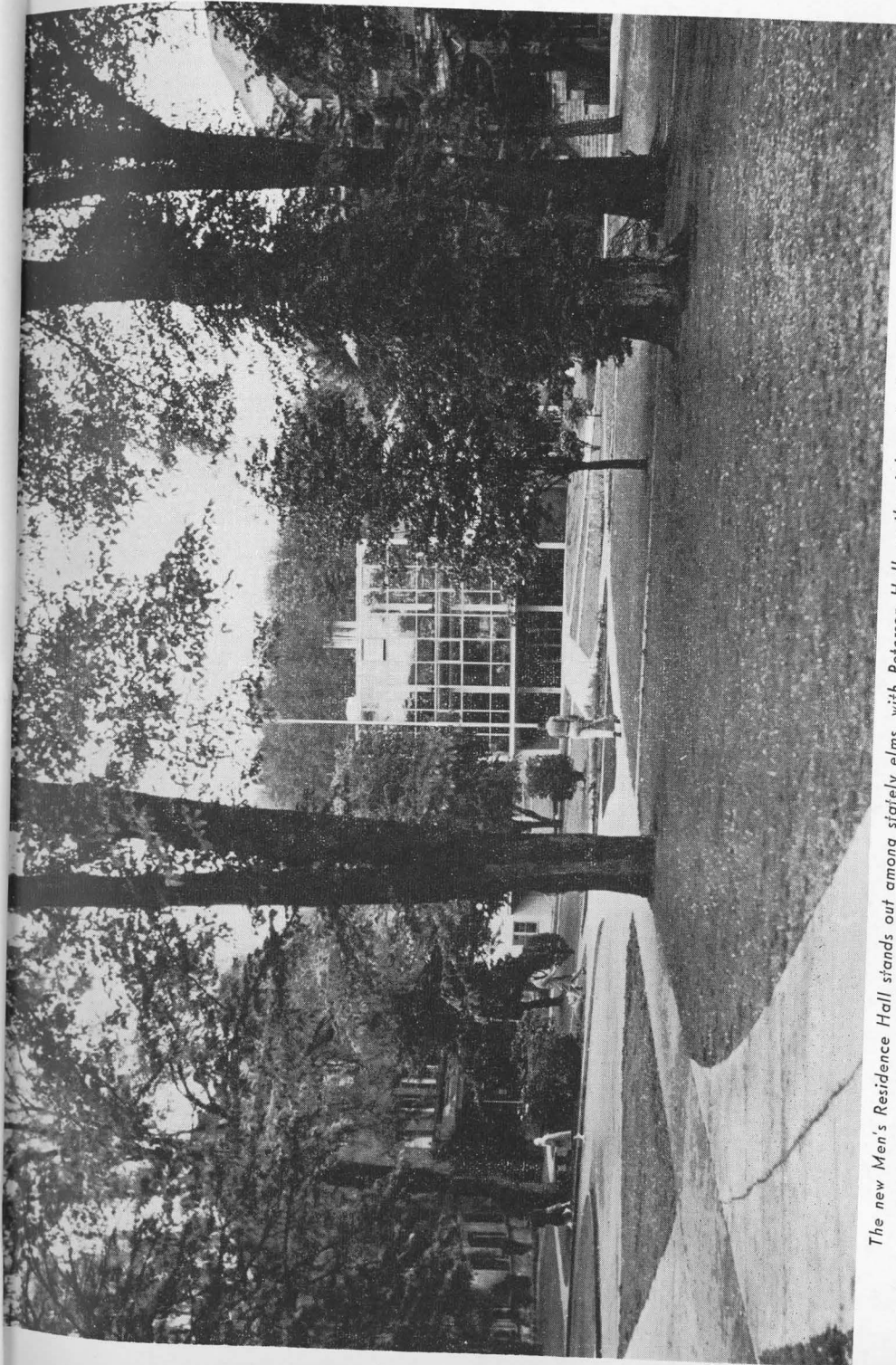
The College campus comprises about twenty acres of land in what is known as the North Queen Anne District. The Lake Washington Government Canal, which contains locks second only to those on the Panama Canal and which has made Seattle known the world over for its fresh water harbor, passes within one block of the campus. To see the ocean liners moving gracefully along this canal is a most interesting sight. City buses stop within the campus area.

Seattle is the western terminus for four of the trans-continental railroads. These are the Union Pacific System, Northern Pacific Railway, Great Northern Railway, and the Chicago, Milwaukee, St. Paul & Pacific Railway. In addition to these, Seattle is reached by connection with the Southern Pacific Railway at Portland and the Canadian Pacific and Canadian National Railroads at Vancouver, B.C.

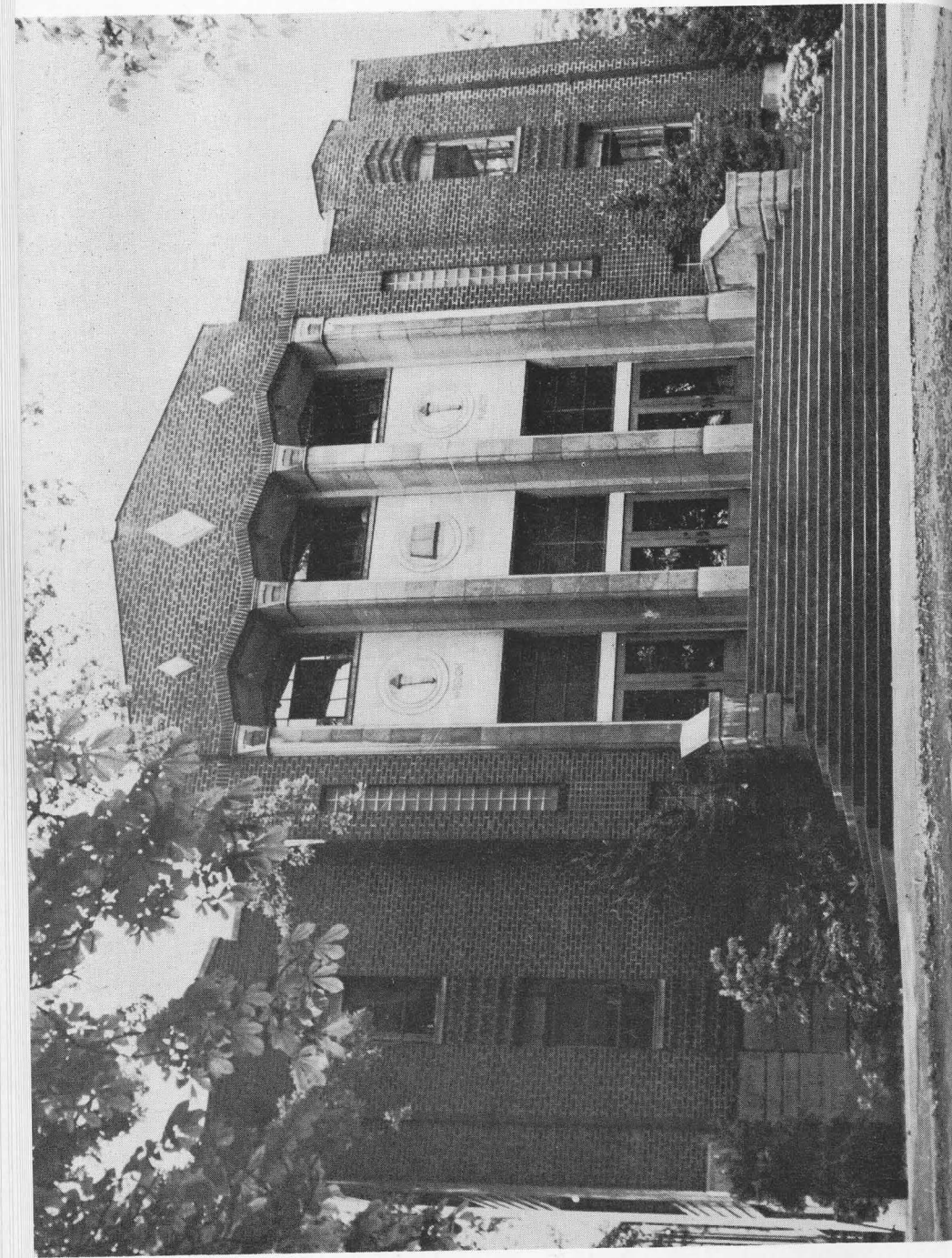
Educational Buildings

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.

The new *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. The gym is used a great deal also by the Seattle high schools and the amateur athletics association of Seattle.



The new Men's Residence Hall stands out among stately elms, with Peterson Hall on the right and Alexander Hall on the left.



The new *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 a 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 *McKinley Auditorium* is a very attractive and modern 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.

The *Music Hall* is a three-story structure containing studios, practice rooms and offices. At the present time funds are being accumulated for the construction of a new music building. Impetus to this project has been given by the Wesley Crawford Foundation, because of the Crawford family's interest in the preparation of Christian musicians.

The *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, Physiology, Physics and Zoology.

The Student Center (formerly this was called the Health Building) is a one-story frame building. The east half contains a splendid social room, the student mail boxes, and offices for the Associated Students and the student publications. The west half houses the Health Service.

The *Adelaide Hall* is a classroom building providing well-equipped rooms for both large lecture classes and smaller group discussions and seminars.

Residence Halls

The new *Residence Hall for Women* lies along Fifth Avenue adjacent to Watson Hall. Rising four stories above a full ground floor, this beautiful modern building provides rooms 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 and also houses the cafeteria and kitchen. This building is modern in every respect and provides a private bath for each room.

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 the grounds.

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.

The annex *Residence Hall for Men* is a large house on Third Avenue West at Flor-entia about three blocks south of the main campus entrance. The building was received as a gift from the daughters of Mr. and Mrs. Nils B. Peterson who gave the original tract of land for the school campus. It was the former Peterson home.

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.

The *President's New Home* is a delightful modern structure. It is located two blocks southwest of the main campus in an area given to the college through the generosity of Colonel Cyril D. Hill. Funds for this new home came from private gifts for this specific purpose. The 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 thirty-five 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 680,000 volumes.

Laboratories

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

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.

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.

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.

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 mild 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 the 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.

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 Director of Guidance,

the Dean of Men, 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 Whidby Island.

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 delightful, informal type.

Health Services

The Health Service of the college helps to guard against infectious diseases and incipient ill health. The director is a full-time registered nurse. The college has the services of several physicians and part-time registered nurses. The infirmary and dispensary are located in the Student Center where there is an office, examining room, treatment room, laboratory, kitchen, utility room, linen room, nurses' room and wards.

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 place of this examination, which is given without charge when taken at the scheduled time. An annual chest X-ray is required of all students. 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. A dispensary serves students during class hours, and an infirmary receives bed patients at any hour. The infirmary cares for cases of illness for students living in the dormitory 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 for treatments with antibiotics or drugs necessitating a prescription. Limited accident coverage is provided by the college.

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. This 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. The staff is chosen by the students themselves. 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 *Tawabsi* is the student yearbook. It is a handsome, profusely illustrated volume which reflects the extra-curricular side of student life.

EDUCATIONAL BENEFITS FOR VETERANS

Transfer of Credit

Nine 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.

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.

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 1957-58 are:

Mr. V. O. (Bud) McDole, B.A., '52.....	President
11734 Second Avenue N. W., Seattle 77	
Mr. Bernard Hansen, B.A., '50.....	First Vice President
11027 23rd Avenue N.E., Seattle 55	
Mrs. Richard C. Klein, B.S., '46.....	Second Vice President
11324 30th Avenue N.E., Seattle 55	
Mrs. B. L. Pound, f.s., '38.....	Secretary
15268 Greenwood Avenue, Seattle 33	
Mr. Wesley E. Johnson, B.S., '50.....	Committee Member at Large
10315 Dibble Avenue N.W., Seattle 77	
Mr. Harold O. Sternberg, B.A., '41.....	Committee Member at Large
18006 Third Avenue S.W., Seattle 66	
Mr. Richard C. Ashton, B.A., '46.....	Alumni Member on the Board of Trustees
8445 N.E. 110th Place, Kirkland	
Prof. Joseph L. Davis, B.A., '41.....	Executive Secretary
Seattle Pacific College, Seattle 99	

SUMMER SESSION

The 1958 Summer Session opens on Monday, June 16, and continues through Friday, August 15. The Summer Session makes it possible for students to accelerate their educational programs. By attending through the summer sessions, students may complete a four-year college course in three calendar years. The session is divided into two terms of four and one-half weeks each. This arrangement makes it possible to gain a full quarter of work during the summer. The tuition is \$11.00 per credit. There is no general fee. Other fees are the same as during the regular session.

Both men's and women's residence halls will be available to summer students. The cafeteria also will be open. Charges for board and room are very reasonable. A complete summary of such expenses will be furnished upon request. No provision is made for students to do cooking in the dormitory rooms. Apartments and housing units are available for married students at low cost.

A wide range of offerings will be available to school administrators, teachers, nurses, pastors, Christian workers, homemakers, and to all those wishing to improve the opportunity for further academic or professional study during the summer months. For detailed information write for Summer Session Bulletin.

FINANCIAL INFORMATION

EXPENSES

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 five 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, 70% during the third week and 10% less each succeeding week until the eighth 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.....	\$150.00
Less than ten credits, per credit.....	15.00
Extra credits (above seventeen).....	8.00
Tuition, those taking night classes only, per credit.....	10.00
Auditors, per course credit.....	4.00

Students carrying a full load may enroll in Oratorio without extra charge.

Dormitory Expenses

Students may obtain full board and room on the campus for \$170 to \$185 per quarter. For students taking less than full board, a charge of \$70 to \$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 quarters, the ticket is good beginning with breakfast of the day for registration of new students.

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 student workers 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 rate of pay is 85 cents per hour.

Sundry Fees

General Fee, regular students, per quarter.....	\$27.00
General Fee, for students carrying less than 10 hours, per credit.....	2.70
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
Matriculation Fee (required once only).....	10.00
Graduation Fee, Baccalaureate Degree.....	10.00
Graduation Fee, Master's Degree.....	10.00
Swimming Fee.....	6.00

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.

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 Organon, 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.

Fees in Speech and Art

	Regular Students	Special Students
<i>Individual Instruction in Speech or Art:</i>		
Ten thirty-minute lessons, per quarter.....	\$15.00	\$20.00
Twenty thirty-minute lessons, per quarter.....	22.00	30.00

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.....	\$150.00
Board and Room.....	\$170.00-185.00
General Fee.....	\$27.00

Estimated total for one quarter.....\$347.00-362.00

For Non-Dormitory Students:

Tuition.....	\$150.00
General Fee.....	27.00

Estimated total for one quarter.....\$177.00

The estimated expenses for the regular school year would be three times these amounts or approximately \$1,041.00 to 1,086.00 for dormitory students and \$531.00 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.

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, limited accident protection, 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 nominal 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* and the *SPC Handbook*, the athletic program of the school, the social and literary activities, the religious and evangelistic program, the annual school outing, and other activities.
5. During the Summer Session the Associated Students receive a modest amount of money from this fee to make possible a rather elaborate program of social, musical, recreational and religious activities.

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 dormitories.

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 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.

Recipients, unless married, whose homes are not in Seattle 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* in both 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.

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

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 considered 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.

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

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 or 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.

Recipients, unless married, whose homes are not in Seattle, must live in the College residence halls.

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.

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.

College Loan Fund. A limited amount of money is available through the College office for loans to students. This Local Loan Fund is under the control of the Bursar. Students seeking assistance should apply to him.

Rotary Loan Fund. The Rotary Club of Seattle has established a student loan fund of nearly \$2,000 at Seattle Pacific College. To obtain a loan from this fund is very simple. Consult the Bursar who is empowered to make the loans.

Other Student Aid. No student of limited finances should give up the idea of attending college for that reason until he has investigated the possibility of obtaining aid from special funds donated for this purpose. Address all inquiries to the Bursar.

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.

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, super-annuated, 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.
- (5) Approved missionary candidates who are being supported by any established missionary society, or board, will receive a discount of 50 per cent in tuition providing the remainder of the tuition is paid by the supporting missionary board.

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 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 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 \$120,000 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 Bursar, who is 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) All 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 Dean of Men or the Dean of Women, students living in the 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 \$35.00 to \$70.00 per year.

REGISTRATION AND CURRICULUM INFORMATION

GENERAL INFORMATION

Seattle Pacific College is a College of Arts and Sciences providing instruction, in its undergraduate division, leading to the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Arts in Education. In its graduate division, courses are available leading to the Master of Arts or Master of Education Degree. Professional training is offered through the Schools of Education, Music, Recreational Leadership, Missions and Religion, and in the Department of Nursing Education. Provision is also made for the pre-professional training of students planning to enter technical or professional schools—such as dentistry, engineering, law, medicine or pharmacy.

Intensive training in the language, literature, history and culture of Far Eastern and Latin American peoples and peoples of other areas may be secured through the School of Missions.

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 in leading graduate schools throughout the country and by the other regional associations of the United States. It is a member of the Association of American Colleges. 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 under Public Law 16, 346, 550, and 894.

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. Entering students who present high school credentials showing that they have completed their subjects with an average grade of "C" or better for the entire high school course, will be given full standing and will be permitted to carry a full load of academic work. Those students who do not present a high school record of the required standards will be given provisional matriculation, if admitted, and will not be permitted to carry a full load of studies. Students admitted on this basis will be permitted to carry a full academic load as soon as their scholarship gives evidence of their ability to do so.

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.

Academic Requirements for Admission

I. *By 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 and Science, require certain specific subjects, the college strongly recommends that every entering student present the following entrance credits:

English	3 years
Algebra	1 year
Geometry	1 year
One Foreign Language.....	2 years
American History and/or Government.....	1 year
Laboratory Science	1 year

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 work done in high school in excess of the traditional fifteen units, except as such work is validated by examinations given at Seattle Pacific by the Departments of Instruction concerned. Such examinations must be taken not later than the first quarter in attendance.

II. *By 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.

Method of Admission to 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.

Foreign Students. Foreign students who apply for admission are expected to meet the same requirements as American students. Graduates of high schools in those countries where the school system provides for less than twelve years of instruction before college entrance are required to graduate from an American high school before they are eligible for admission to Seattle Pacific College.

Methods of Admission to Advanced Standing

General Instructions to all Transfer Students. Students desiring to transfer to Seattle Pacific College from any other institution, collegiate or theological, 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:

- At no time will a transfer student be admitted until he presents evidence of honorable dismissal from the institution last attended.
- No student will be permitted to enroll except provisionally, and then only in rare instances, until his official transcript has been received.

- The average grade for all advanced standing allowed must be "C" or better. This means that for every grade of "D" which is accepted there must be another grade at least "B" or its equivalent for an equal number of credits.
- Not more than a total of 24 quarter credits earned by extension or correspondence will be allowed toward a degree at Seattle Pacific.

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 quarters (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:

- 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.
- 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 shown on the transcript on the contemplated academic major to be chosen here. Following this study, the student will be given a tentative statement regarding the probable minimum time which would be required to complete requirements here for a baccalaureate degree.

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 with transfer students and graduates from approved Bible schools. This is especially true with respect to those schools accredited by the Accrediting Association of Bible Institutes and Bible Colleges.

Frequently the Bible schools do not lay a broad foundation in the humanities and sciences as required at Seattle Pacific College during the freshman and sophomore years. This poses a rather difficult curricular problem with respect to transfer of credit and fitting the same into the standard collegiate pattern as it exists on this campus.

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.

Special Information for students wishing to receive credit at Seattle Pacific for work done in Bible schools has been mimeographed and is available for distribution. This gives in considerable detail what can be expected and suggestions with respect to procedure. The Registrar will send a copy upon request.

Method of Admission to Graduate Standing

a. *Graduates from Seattle Pacific College* are automatically matriculated as graduate students if they continue their studies here or at a later date re-enroll.

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."

CLASSIFICATION OF STUDENTS

Regular Students. All students who have met the full requirements for admission. (See class grouping below.)

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 entrance requirements, yet because of some special interest 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, and must request their last college attended to send to the Registrar a statement of good standing.

CLASS GROUPING 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 ranked with a class in this grouping does not insure graduation with that class.)

Graduate Students—All students who have already graduated from Seattle Pacific or some other approved college and who are enrolled for regular class work whether on the graduate level or not.

FRESHMAN EXAMINATIONS

In order to provide guidance in the pursuit of college work, all Freshmen are required to take a series of placement examinations during registration week, unless they have taken during their senior year in high school the Pre-College Differential Prediction Tests, given by some schools in the state of Washington. First-year courses are then chosen in the light of data revealed by these tests. In some cases where notable deficiencies are found, such as visual, speech, or auditory defects, the student may be required to change his registration.

All entering Freshmen are required to meet in McKinley Auditorium at 9:30 o'clock on the morning of Monday, September 22, for instructions and the first of this series of tests. Students who have taken the Pre-College Differential Prediction Tests will meet with all other Freshmen, and will receive additional directions for their activities.

Provisions will be made for giving similar examinations to Freshmen entering Winter or Spring quarters.

HOW TO REGISTER

Date and Procedure

Date. Registration days for each quarter will be found listed in the official Calendar in the front part of the catalog. As far as possible, students should report on the first registration day in the fall. This will then allow time for getting adjusted and also make it possible to participate more actively in the various school functions of the opening week. An important meeting of all entering Freshmen will be held in the chapel at 9:30 o'clock on the morning of Monday of registration week. Registration for the second and third quarters by students already enrolled is conducted three or four weeks before the close of the previous quarter. This is the official registration period for all such students for the respective quarters. (See Calendar for dates.)

Procedure. All former students and all new students whose matriculation has been completed will be assigned to an advisor to assist them in the selection of subjects to study and arranging a class schedule. A student planning a major should consult the head of the appropriate department before registration day in order that he may arrange the necessary details in advance of the regular registration period. Students are not allowed to attend classes for which they have not registered through the proper channels.

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 once 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. Late registration fees are not paid by the Veterans Administration. 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 courses after the first full week of the quarter.*

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 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 genuine 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 general grade average of "C" (2.00) in 186 quarter hours, not to include more than 6 P.E. activity credits, except in the case of P.E. majors.

Credits. 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 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

Academic Load

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:

Grade	Explanation	Grade Points
A	Superior	4
B	Above Average	3
C	Average	2
D	Passing	1
E	Failure	0
W	Withdrawn	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 re-registration 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.

Students who have received grades of "D" or "E" may repeat the course in which these grades were obtained or may, with the approval of the Dean of the college, substitute another course in its place. In such cases the grade received the second time, either in the repeated or substituted courses, 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 shall 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.

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 a 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.

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.

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. Students working toward a Bachelor of Arts degree may earn a "Departmental Major" (See definition below) in any department marked with an "M" in Areas I, II, III, VI, or VII. Those working toward a Bachelor of Science degree may earn a "Departmental Major" in any department marked with an "M" in Areas IV or V. Students working toward a Baccalaureate degree and simultaneously toward teacher certification may earn an "Area Teaching Major" (see definition below) in one or more of the first five "Areas of Instruction."

Graduate students working toward a Master of Education degree will concentrate on

work offered by departments in Area VI. Those working towards a Master of Arts degree with a major in Religion will emphasize work offered by departments in Area VII.

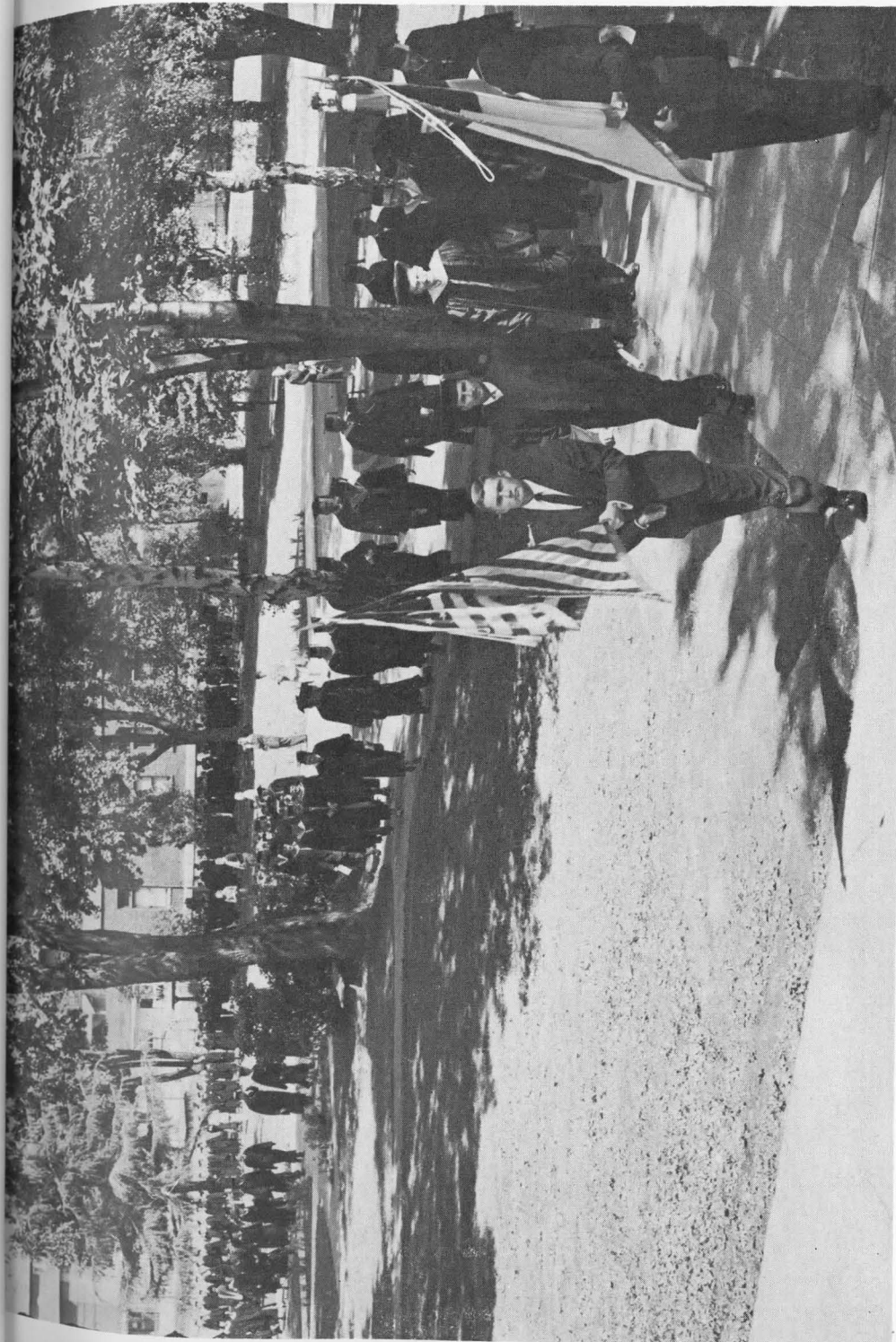
Nursing students follow the special curricula which is listed under "Department of Nursing Education.

- | | |
|--|--------------------------------------|
| I. LANGUAGE ARTS | |
| English, M | Journalism |
| French, M | Latin, M |
| German | Spanish, M |
| Greek, M | Speech, M |
| II. FINE AND APPLIED ARTS | |
| Applied Music, M (Organ, Piano, Violin,
Viola, Voice, Wind Instruments) | Art, M |
| Church Music, M | Commercial |
| Music Education, M | Home Economics, M |
| Music Theory and Literature, M | |
| III. SOCIAL STUDIES | |
| Economics and Business, M | Political Science, M |
| History, M | Sociology, M |
| IV. SCIENCES AND MATHEMATICS | |
| Chemistry, M | Microbiology and Public
Health, M |
| Engineering | Physics, M |
| Home Economics, M | Zoology, M |
| Mathematics, 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 | Missions, M |
| Christian Education, 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 three stipulations:
1. 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.
 2. Of the 36 or more credits offered as a departmental 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 hours in his major department at Seattle Pacific.
 3. Work of a "D" grade, while counting toward graduation, may not count toward satisfying this major.
- B. An *Area Teaching Major* (allowed in the B.A. in Ed. degree) provides for a spread of academic study among the first five *Areas of Instruction*, as shown above, with a choice of any one of three teaching emphases described under the School of Education.
- C. *Majors Required for the Masters Degree.* See under Graduate School.



Four years of study culminate in the thrill of Commencement Day.

BACCALAUREATE DEGREE REQUIREMENTS

For the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Arts in Education Degrees. (See special curriculum for nurses under School of Nursing.)

- A. *Basic Course Requirements.* (Should be completed with the exception of 300 level courses, by the end of the Sophomore year.)

B. A. DEGREE

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

B. S. DEGREE

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

B. A. IN EDUCATION DEGREE

1. English 101, 102, 103	9 credits
2. English 361	3 credits
3. Speech 306	4 credits
4. Biblical Literature ²	12 credits
5. Music 341 (or 342, 343, 344)	3 credits
6. Art 336	2 credits
7. Psychology 100	5 credits
8. Economics or Sociology	5 credits
9. History (Including 360)	8 credits
10. Biological Science ⁴	5 credits
11. Microbiology 349	3 credits
12. Physical Science ⁴	5 credits
13. Physical Education 160, 305	6 credits
14. Physical Education Activity ⁵	6 credits

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

² At least three credits 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 Must be laboratory or demonstration science. Courses taken must include, with the school sciences, both the physical and biological fields.

⁴ Must be laboratory or demonstration science.

⁵ 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 courses 109 and 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.

B. Other General Requirements.

- Completion of a major, with required supporting courses, as outlined by the department.
 - The B. A. Degree requires a departmental major.
 - The B. S. Degree requires a departmental major in a science, mathematics, physical education or home economics.
 - 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.
- Additional credits to total at least 186 with a grade average of "C" or better, inclusive of not more than 6 Physical Education Activity credits, except in the case of P.E. majors.
- Of the total 186 credits or more presented, at least 60 credits in courses numbered 300 and above.
- 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.
- Written application made by the candidates at the beginning of the senior year.

C. *Additional Bachelor's Degree.* A second bachelor's degree may be earned upon the completion, subsequent to the granting of the first degree, of 45 credits (of which 15 must be upper division) in addition to the total credits required for the first degree, and upon fulfillment of all the requirement for that degree.

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, *Director*

Organization. The Graduate School at Seattle Pacific College is administered by a Graduate Council made up of the Director of Graduate Studies, 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.

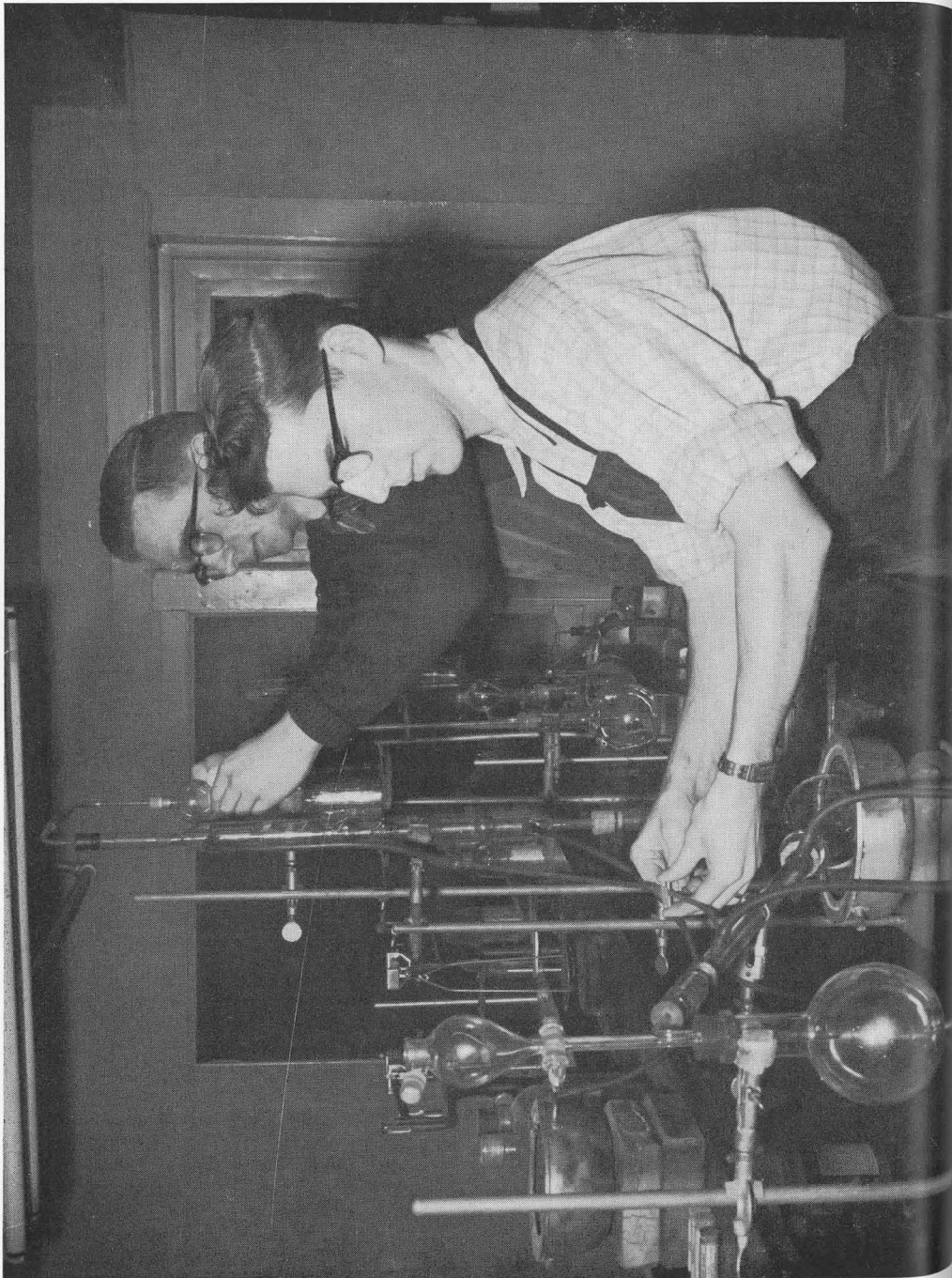
Aims and Purposes. Seattle Pacific College through its Graduate School emphasizes three principal aims: (a) Scholarship, (b) Research, and (c) Professional Competence. The third objective is given prominence, particularly in those departments preparing for the "service professions," such as teaching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

General Statement. Admission to the Graduate School is not synonymous with admission to candidacy for a graduate degree. Students who are holders of a baccalaureate degree frequently pursue graduate studies *before being admitted to candidacy for the advanced degree.* This is particularly true for those in the "fifth year" in the Washington State program for the education of teachers and also those graduate students who must add to their foundation by taking courses which will not count toward a master's degree.

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.

General Information and Admission Requirements

- A. *Two classes of Graduate Students.* Provision is made for two classes of graduate students—Transients and Regulars.
 1. *Transient* graduate students are those who meet the requirements listed below but are not working for a certificate, credential or a degree at Seattle Pacific College. Students may not earn more than 15 quarter credits while in this category.
 2. *Regular* graduate students are those who are fully matriculated and, whether with a *clear* status, or not, wish to meet definite requirements here for a certificate, credential or degree.
- B. *Admission Requirements.*
 1. Be 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 under-graduate 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*.



In science laboratories students may satisfy their intellectual curiosity and increase their ability to use the techniques of discovering, evaluating and applying knowledge.

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 same character and conduct standards as required by Seattle Pacific College undergraduate students.
- C. *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 his 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.
- D. *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.
- E. *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 requirement 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.
- F. *Additional specific requirements for the Master of Arts Degree with a major in Religion.* (See School of Religion Section.)
- G. *Additional specific requirements for the Master of Education Degree.* (See School of Education Section.)

SCHOOL OF EDUCATION

VIVIAN LARSON, *Acting 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 certification out-of-state 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.

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

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

GENERAL EDUCATION	82
Art 336	2
Biblical Literature	12
Biological Science (laboratory or demonstration).....	5
Economics or Sociology	5
English 101, 102, 103, 361.....	12
History (including 360).....	8
Microbiology 349	3
Music 100, 341 or 342.....	5
P. E. (including 160 and 305).....	12
Physical Science (laboratory or demonstration).....	5
Psychology 100	5
Speech 306	4
Supporting Courses	4
PROFESSIONAL EDUCATION	44
Ed. 191 — Introduction to Education.....	3
Ed. 306 — Child Growth and Development	5
September Experience	0
Ed. 307 — Instruction Materials and Procedures.....	3
Application and interviews for admission as regular candidate in School of Education (usually made in Ed. 307).....	
Ed. 308 — Language Arts and Social Studies.....	3
Ed. 309 — Development Reading	3
Ed. 376 — Student Teaching on Elementary Level.....	16
Ed. 385 — Student Teaching on Secondary Level.....	8
Ed. 412 — Instructional Problems of Teaching.....	3

NOTE: Professional Education courses should be taken in the order listed above. If approved by department and School of Education prior to registration, a departmental methods course may be substituted for Ed. 412. Other exceptions to the above listed requirements are made only on the basis of approved equivalents by the School of Education.

TEACHING MAJOR60

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 18 of the 60 credits must be in courses numbered 300 and above. Work of a "D" grade, while counting toward graduation, may not count toward satisfying the teaching major. Choice of Secondary Emphasis, Elementary Emphasis, or Rural Emphasis below.

1. Secondary teaching major. Of the 60 credits, 45 should be taken in a *single department*, with 15 in other departments of the *same area*. (Music majors may take the 15 credits in Applied Music.) By careful selection of courses, the One-Area major may include a full departmental major.
2. Elementary teaching major. Of the 60 credits, at least 15 are taken in *one area* with the remainder taken in a *second area*. Thus the division of credits between the two chosen areas might vary from 45-15 to 30-30.
3. Rural teaching major. The 60 credits are distributed evening in three areas. 20-20-20. However, one of the areas may be 20 credits in professionalized subject matter taken in excess of basic certification requirements. This major requires special permission of the School of Education.

Admission into The School of Education

During the Freshman year when the student takes Ed. 191 he is considered a *tentative* candidate for membership in the School of Education. In the third quarter of the Sophomore year or first quarter of the Junior year he takes Ed. 306. Following the sequence of Professional Education above, he then takes Ed. 307, 308 and 309 during his Junior year. In Ed. 307 the student is asked to prepare a formal application for admission into the School of Education as a regular member. When this application is approved the student may continue the Professional sequence. Such approval is based upon the following:

1. Approval as one possessing 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 followed the Professional Education sequence as well as having completed the lower division 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. 307.

Student Teaching

Each student preparing to teach must engage in three professional laboratory experience:

1. September experience
Between the sophomore and junior 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. It is the responsibility of the student to make arrangements with the Education Secretary. A complete record of September Experience must be on file in the School of Education before the student may enroll in Ed. 376.
2. Student Teaching on the Elementary Level (Ed. 376).
This is observation and teaching for all day of each school day for one full quarter in a public school. This constitutes the student's full load for the quarter. A manual is followed and must be filled in.

3. Student Teachings on the Secondary Level (Ed. 385).
This is observation and teaching for three clock hours of each school day for one full quarter, exclusive of examination week, in a public school. Allowance must be made for travel and lunch period times. The most usual times are 8:00 - 11:25; 9:15 - 12:15; 10:15 - 2:15; 11:15 - 3:15.

The School of Education considers the 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 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 Ed. 376 or 385, he must:

1. Be admitted as a *regular* member of the School of Education.
2. Have one 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. Confirm 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.

Subject Sequence for Education Students

FIRST YEAR		Credits	THIRD YEAR		Credits
Biblical Literature	.....	3	Art 336	.....	2
Economics or Sociology	.....	5	Biblical Literature	.....	3
Education 191	.....	3	Microbiology 349	.....	3
English 101, 102, 103	.....	9	Education 307, 308, 309	.....	9
Health Education	.....	3	History 360	.....	3
History	.....	5	Music 341	.....	3
Physical Education	.....	3	P. E. 305	.....	3
Psychology 100	.....	5	Speech 306	.....	4
Science	.....	10	Teaching Major	.....	17
		<u>46</u>			<u>47</u>
SECOND YEAR		Credits	FOURTH YEAR		Credits
Biblical Literature	.....	6	Education 376	.....	16
Physical Education	.....	3	Education 385	.....	8
Psychology 306 (3rd quarter)	.....	5	Education 412	.....	3
Teaching Major	.....	33	English 361	.....	2
		<u>47</u>	Teaching Major and Electives	.....	17
					<u>43</u>

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:

1. Satisfactory completion of 51 credits including the following:

	Credits
Educ. 501	3
Educ. 502	3
Educ. 525	3
Educ. 526	3
Educ. 540	3
2. At least 24 credits, including the thesis, must be in courses numbered 500 and above.
3. No more than 15 quarter credits can be taken for degree credit prior to or during the first year of teaching.

4. 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 admission 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.
5. 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:

1. 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.
2. Satisfy the residence requirements of the college.
3. Complete the four-year pre-service education curriculum listed under requirements for the B.A. in Education.
4. Be approved as a suitable person for the teaching profession.
5. 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 certificate is valid in the public schools of Washington from the 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. 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 15 quarter credits of the fifth year's requirement may be earned prior to one year of teaching experience. At least 30 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 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 (P.E. 101) by first obtaining a receipt for \$2.50 from the college business office and then filling out the credentials. This receipt plus the properly completed application papers enrolls the student with the Placement Office. To become a member of the Placement Service on the active list requires the payment of an additional \$2.50 fee. This fee together with the enrollment fee gives the person credit for five sets of credentials.

SCHOOL OF MISSIONS

E. WALTER HELSEL, *Director*

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.

Regular college students pursuing the Mission major will not pursue the intensive program in any field and may enroll only in courses which carry academic credit. Students in either group 3 or group 4 may enroll both in courses with credits and courses without credits.

Types of Courses Offered:

1. Regular under-graduate courses in many fields, composing the following special curricula:
 - a. The General Missions Curriculum.
 - b. The Missions-Education Curriculum.
 - c. The Missions-Nursing Curriculum.
2. Graduate courses for qualified persons with the B.A. degree.
3. Private tutoring (two to five in a group) in intensive language study.
4. Specially directed individual study in various fields related to missions such as the history and culture of a specific country or people, specialized missions methods, music, radio, industrial arts, and commercial subjects.

Major in Missions. A well-rounded program in courses basic to effective missionary service is available to those anticipating general missionary work in the various specific fields of missionary endeavor.

A. *General Missions Curriculum.* A four-year program leading to the B.A. degree.

1. Fifty-two credits in Missions and other Religion courses of which 25 must be upper division, including Introduction to Christian Missions, History of the Expansion of Christianity, Missionary Methods, Religions of the World, Roman Catholicism, Problems of Modern Missions, Basic Christian Beliefs, Personal Evangelism, 5 additional credits in the Practical Field, and 15 credits of Bible study.
2. Required supporting subjects: First Aid, Health, Pre-literate Society, 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 8 credits in Industrial Arts 111, 116, 230 or 235, 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, or, he might follow one of the following curricula:

- B. *Missions-Education Curriculum.* The following program of studies makes it possible for a student to qualify for a teaching certificate and at the same time pursue the special missions course of study, as it combines in a 13 quarter program the general education curriculum and the basic elements of the General Certificate. It will include:

1. The Teacher's Certificate Curriculum.
2. Missions and other Religion courses as follows: Introduction to Christian Missions, History of the Expansion of Christianity, Religions of the World or Roman Catholicism, Problems of Modern Missions, Personal Evangelism, Basic Christian Beliefs and 12 credits of Bible study.
3. Required supporting subjects: First Aid, Health, Pre-literate Society, and studies in the history, civilization, culture and government of the people among whom one is to work.

- C. *Missions-Nursing Curriculum.* The need for nurses on the mission field is ever apparent, but nurses who go abroad to serve must also be thoroughly prepared in Missions and Bible studies. Two plans are available:

Plan I is based on the Nursing Education Program for Graduate Nurses. Graduates from an accredited school of nursing will be allowed a maximum of 65 college credits and may earn a Bachelor of Arts degree by

- a. Completion of Parts 1 and 2 of the general missions curriculum.
- b. Completion of B.A. degree requirements.

Plan II is for graduates from an accredited school of nursing who also have the B.S. degree in Nursing. This student may follow a one-year post-graduate course based primarily on Part I of the general missions curriculum, the specific courses required to be determined in conference with the advisor in the light of the student's undergraduate courses in Religion. This course also provides the undergraduate foundation for the Master's Degree in Missions for those who wish to continue their study on the graduate level.

Pre-nursing students who are preparing for the mission field are advised to take certain courses in the School of Missions prior to entering the hospital division.

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: Introduction to Christian Missions, Missionary Methods, Religions of the World or Roman Catholicism, Problems of Modern Missions, Basic Christian Beliefs, and as much Bible study as possible.

- D. *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 and 280; Junior year: Religion 380, 480, 285 and the courses in the history, culture and civilization of the peoples among whom one is to work; Senior year: Religion 384, 490 and 495.

The Intensive Program. Students in intensive language and cultural background studies may enroll in a 3, 6, 9 or 12-month program which may include as much as 5 hours a week or private tutoring, along with from 2 to 5 hours of class instruction each

week in the history and culture of a country or people; in some phase of manual arts, special missions methods, music, radio and commercial subjects; or in any regular college course currently offered.

Special Study. A student not desiring to pursue either the regular liberal arts course or the intensive course may enroll as a part-time student and pursue specific studies according to the time available.

Tuition. The tuition and other fees for students in the School of Missions are the same as those for all regularly enrolled college students. The School of Missions, however, makes provision for a liberal discount to approved missionary candidates who are being supported by any established missionary society, board or organization. In such cases the School of Missions allows a discount equal in magnitude to any such scholarship or tuition aid. For instance, if a missionary board pays half the tuition charge, the School will discount the other half of the tuition charge, thus relieving the candidate of any tuition expense. For those who wish to carry part-time work, adjustment will be made in the tuition charge. For all other students in the School of Missions the regular ministerial discount, as outlined elsewhere in the catalog, shall apply.

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 facilities of the School of Music include seven studios, office, two class rooms, conference room, band rehearsal room, choral rehearsal room, tape recorders, three-manual Kimball pipe organ, two-manual Orgatron, two-manual Wurlitzer organ, ten practice rooms, and a well-equipped listening room. The Kimball and the Wurlitzer organs were the generous gifts of the late Mr. Wesley Crawford and his wife Blodwyn, and the Orgatron was the memorial gift of Mrs. Grace Marston and Dr. C. May Marston.

The department also owns a large number of string, wind, and percussion instruments which may be rented by students at a nominal fee. Every year a number of students avail themselves of this opportunity to commence music study or to master a new instrument.

The architectural firm of Mallis and DeHart was engaged in December, 1956, to begin designing a new music hall. Construction is scheduled to begin in 1958.

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 Music Hall for individual and class use. Through and 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. A reunion of former choir members is held during Commencement Week. Plans for the reunion are formulated by Alumni choir officers with the assistance of the present choir.

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), makes occasional campus appearances.

Chorale. A small choral ensemble of men's and women's voices 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 year's 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.

- A. Required courses: 101, 102, 103, 180, 201, 202, 260, 307, 362, 403, and any two of the following: 380, 382, 383, 384, 481.
- B. A minimum of 60 credits in music of which at least 25 are upper division.
- C. 9 credits in applied music of which at least 6 are in one branch.
- D. Membership in one of the campus choral or instrumental organizations each quarter.
- E. Meet required proficiency standards in piano.

II. Major in Applied Music.

- A. Required courses: 101, 102, 103, 180, 201, 202; any two of the following: 281, 282, 283, 284; and any two of the following: 380, 382, 383, 384, 481.
- B. A minimum of 60 credits in music of which at least 25 are upper division.
- C. 18-24 credits in applied music, nine of which must be upper division.
- D. 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.
- E. Piano majors must take course 324.
- F. Courses 401 and 410 are recommended.
- G. Membership in one of the campus choral or instrumental organizations each quarter.
- H. Meet required proficiency standards in piano.
- I. 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)

1. Required courses: 101, 102, 103, 180, 201, 202, 260, 282, 283, 342, 343, 345, 362, 403, 463.
2. 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.
3. 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.
4. Meet proficiency standards in piano.
5. 18 credits in music must be upper division.

B. Option II (For elementary teachers)

1. Required courses: 101, 102, 103, 180, 201, 202, 260, 281, 282, 283, 342, 345, 362, 463.
2. 9 credits in applied music, private or class instruction, with each of the following areas represented: piano, strings, voice, brass, wood winds.
3. 12 credits in ensemble, 6 of which must be taken as extra-curricular activity in excess of the 186 required for graduation.
4. Meet proficiency standards in piano.
5. 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.

- A. Required courses: 101, 102, 103, 201, 202, 260, 281, 307, 362, 371, 375 or 377, 376, 382 or 481.
- B. A minimum of 70 credits in music of which at least 25 are upper division.
- C. 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.)
- D. A minimum of 9 credits in choir and Oratorio Society.
- E. Meet proficiency standards in piano.
- F. 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 for high school graduates and (2) a program for graduate nurses who wish to earn a baccalaureate degree.

Basic Nursing Degree Program

The basic nursing degree program leads to a Bachelor of Science degree and licensure as a registered nurse. This program combines a college education with professional training. The physical, biological and social sciences and the humanities give cultural and emotional maturity in preparation for positions of responsibility and leadership. Students enroll in the college of arts and sciences at Seattle Pacific College for six quarters of academic study. 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 take up residence in a hospital division of the University of Washington School of Nursing. The total length of the program is four and one-fourth calendar years or seventeen quarters.

The University Committee on Admissions determines whether a student enters Harborview Hospital Division or Swedish Hospital Division. The School of Nursing utilizes a wide variety of hospitals and other health agencies, all of which have excellent facilities for nursing instruction and practice. Harborview-King County Hospital has a capacity of 560 beds and draws patients from a large area. Swedish Hospital with 404 beds is one of the outstanding private hospitals of the Northwest. The Doctors Hospital is also used for some services. Tuberculosis is studied at Firlands Sanatorium; psychiatric nursing at Northern State and Western State Hospitals; pediatric nursing at Harborview-King County Hospital and the Children's Orthopedic Hospital; public health nursing with Seattle-King County Department of Health and Visiting Nurse Service.

A grade point of not lower than 2.00 must be maintained by all nursing students. Admission to the hospital division is on a selective basis; no applicant with less than 2.00 grade score is considered.

At the conclusion of the entire program students receive the Bachelor of Science degree from both the University of Washington and Seattle Pacific College. It is the responsibility of the graduating student to have the University of Washington send the Registrar of Seattle Pacific an official transcript. Because students carry only nominal enrollment at Seattle Pacific College during the clinical period, no graduation fee is charged.

Admission to the Basic Nursing Program. Candidates for admission to the basic nursing program must be graduates of an accredited high school. High school preparation should include 3 units of English; 2 units of one foreign language; either 1 unit of algebra and 1 unit of geometry or 2 units of algebra; 1 unit each of laboratory and social science. A complete transcript of credit covering all previous high school education is to be submitted to the Registrar of the college before entrance. High school deficiencies must be removed during the pre-clinical period. A plan for removal of a deficiency should be worked out with the advisor at the time of registration.

Expenses. Expenses for nursing students while at Seattle Pacific College are the same as for all other students.

During the time spent in the hospital division the student lives in the nurses' home and receives maintenance and tuition. She provides her own uniforms, textbooks and special supplies.

As this catalog goes to press, *major revision of the basic degree nursing program* is being made. Changes will be announced later.

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. 100, General	5
P. E. 160, Health Educ.	3	Soc. 110, Survey	5
Religious Literature	3	P. E. Activity	1
P. E. Activity	1		17
	15		
WINTER QUARTER		WINTER QUARTER	
Eng. 102, Composition	3	Zool. 230, Anat. & Physiol.	6
Psych. 267, Mental Hygiene	2	Physics 170, For nurses	5
Chem. 101, Inorganic Chem.	5	Nurs. 251, Elem. Pharmacy	2
P. E. Activity	1	Elective	3
Elective	5	P. E. Activity	1
	16		17
SPRING QUARTER		SPRING QUARTER	
Eng. 103, Composition	3	*Nurs. 291, Prin. & Pract Elem Nursing..	5
Chem. 230, Organic Chem.	5	Nurs. 261, Pharm. & Therapeutics	3
H. Ec. 160, Nutrition	3	Religious Literature	3
Elective	3	Elective	3
P. E. Activity	1	P. E. Activity	1
	15		15

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

Program for the Graduate Nurse

The graduate nurse may complete academic studies leading to the Bachelor of Arts or Bachelor of Science degree. The student will be allowed a maximum of 65 quarter credits for a nursing program completed in an approved school of nursing. Additional credits may be allowed for courses taken in a college or university even though this work may have been done during the time the student was in the school of nursing. It is possible to obtain a degree with a major in one of several fields. Refer to "Baccalaureate Degree Requirements" elsewhere in this catalog.

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

The graduate nurse who desires a Bachelor of Science in *Nursing* degree can profitably spend three or four quarters on our campus, selecting cultural and scientific courses which will give a broad educational function for further professional study. The final four quarters in advanced professional nursing, including one quarter in field experience in public health nursing, are obtainable at the University of Washington School of Nursing where this degree is granted.

Admission to the graduate nurse program. Complete transcripts from high school, school of nursing and any college previously attended, even though attended while enrolled in a school of nursing, 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 Service, which has an out-patient department and an infirmary, are open to graduate nurses.

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

DEPARTMENT OF PHYSICAL EDUCATION AND RECREATION

LESTER N. HABEGGER, *Director***General Statement**

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 an ultra-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.

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 leading colleges of the Northwest.

Intramural Program

Men—The intramural sports program for men includes 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.

Physical Education Major

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

To earn a B.S. degree in Physical Education the student must complete at least 45 credit hours, with a minimum of 35 in courses numbered above 150. 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 all men must take 360, 361, 362 and 363. The first six credits of course 100-124 may not be applied to the major. At least two credits must be earned in physical education courses 114-117.

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	9	P. E. 322, 334, 341w, 361, 362, 395, 405	15-16
P. E. Courses 100-150	4-6	Art 336	2
Eng. 101, 102, 103	9	Education 306, 307, 308, 309	12
Education 191	3	Microbiology 349	3
Home Economics 160	3	Music 341	3
Music	2	Religion	3
Psychology 100	5	Electives	2
Sociology 110	5		
Speech	3		
Religion	3		
SECOND YEAR		FOURTH YEAR	
	Credits		Credits
P. E. 216, 230, 296, 305, 360	15	P. E. 335, 363, 450, 465, 495	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

SCHOOL OF RELIGION

ELVIS E. COCHRANE, *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 during 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 qualify 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 three 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 meeting, 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 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 Religions: 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
Missions 280 or 381	2
Practical Field (including Rel. 261)	10
2. Supporting subjects required:	
Speech	6
Philosophy 101	5
3. Supporting subjects recommended:	
English Literature	8
Music 100, 260 and 371	
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, Directors 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, Directed Teaching in the Church

School, and Church School Administration, along with Basic Christian Beliefs, Church History and 15 credits of Bible study.

2. Required supporting subjects: Psychology 100 and Psychology 306.
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, Pastor's Assistants, general Church Workers, Directors of Christian Education, etc.

1. 36 credits in Religion, of which 15 must be upper division, including Introduction to Christian Education, Personal Evangelism, Administration of Christian Education, Directed Teaching in the Church School, along with Basic Christian Beliefs and 15 credits in Bible Study.
2. Required supporting subjects: Psychology 100 and Psychology 306.
3. Requirements in either one or both Secretarial Science and Music;
 - a. Secretarial Science: Proficiency in both Shorthand and Typing, plus one course of Office Management.
 - b. Music: Music Fundamentals, Song Leadership and Hymnology, plus applied music in at least one field, according to interest.
4. Recommended elective: 6 credits in Speech, 10 credits in Sociology, and one course in Philosophy.

Requirements for the Master 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 one of three specific fields: Biblical Literature, Missions, or Christian Education.
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.

COURSES FOR PRE-MEDICAL AND PRE-DENTAL STUDENTS

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 which they expect to attend after the completion of the 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 the 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		SECOND YEAR	
	Credits		Credits
English Composition	9	Physics 101, 102, 103	15
Zoology 101, 102	10	Chemistry 111, 112, 113	15
Bible Literature	6	Physical Education	3
Physical Education	3	History	5
Psychology 100	5	Music or Art	2
Speech	3	Health Education	3
Mathematics	10	Sociology	5
Electives	3		48
	49		
THIRD YEAR		FOURTH YEAR	
	Credits		Credits
Chemistry 345, 346, 325	15	Electives in Major Field	15
Foreign Language	15	Bible Literature	3
Comparative Anatomy or Embryology.....	10	Math. & Science Electives	15
Bible Literature	3	Electives	12
Electives	2		45
	45		

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 Seattle Pacific College, providing the following conditions are met:

1. Completion of three years of college work (minimum of 135 credits), at least the last 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 credits.
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 (grade score of 2.50 or better) at an accredited professional school, together with a \$10 diploma fee, must be filed with the College Registrar.
5. All standards and regulation 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 Chemistry	
English Composition 101, 102, & 103	9		
Chemistry 111, 112, 113	15	Chemistry 325, 335, 336, 345, 346	15
Bible Literature	3	Zoology 101, (102), (229), (230).....	10
Physical Education	3	Physical Education	3
Health Education 160	3	Sociology 110	5
Speech 100	3	Psychology 100	5
Mathematics (algebra or trigonometry)....	5	Bible Literature	3
Microbiology 100	5	Language Arts	3
Fine Arts	2	Electives	
	48	(Microbiology recommended)	5
			49
THIRD YEAR		Major in Microbiology	
(Both)			Credits
History	5	Chemistry 325, 335, 336, 345, 346	15
Physics	15	Physical Education	3
Bible Literature	3	Sociology 110	5
Complete major	15-20	Psychology 100	5
Electives	7-2	Bible Literature	3
	45	Language Arts	3
		Microbiology	15
			49
FOURTH YEAR		FOURTH YEAR	
(Both)		(Both)	
Bible Literature	3	Bible Literature	3
Major courses not completed	?	Major courses not completed	?
Electives	?	Electives	?
	44		44

DEPARTMENTS 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 been 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) indicate 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.

ART

Assistant Professor, ARMETTA MEDLOCK

Lecturer, HARRY BEASLEY

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 Majors 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.

120. DRAWING

Three credits. Winter quarter.

Charcoal and chalk sketches from life and still life. At least one abstract drawing.

178. ART APPRECIATION

Three credits. Autumn and Summer quarters.

This course is planned for those interested in the part that art plays in everyday life. It also includes a brief study of artists, sculpturers and architects.

202. DESIGN

Three credits. Autumn quarter.

Application of design principles in practical problems. Techniques in use of pencil, ink, crayon, paint, paper, etc.

213. LETTERING

Three credits. Spring quarter.

A course in lettering based upon principles of design. Brush and pen techniques. Free hand work.

268. ELEMENTARY ARTS AND CRAFTS

Three credits. Autumn quarter.

For teachers and religious workers. Elementary problems in varied materials as cut paper, weaving, mache, gimp, yarn, etc.

281. SILK SCREEN PROCESSES

Three credits. Winter and Summer quarters.

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

Three credits. Spring quarter.

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.

305. WATERCOLOR TECHNIQUES

Two credits. Spring quarter. Prerequisite 119 or 120.

An enjoyable class in the fundamentals and techniques of watercolor. The class is designed to give an opportunity for the use of color theory and subject selection with individual expression.

316. SCULPTURE

Two credits. Autumn quarter.

Basic principles of sculpture. Various methods and materials experienced, with emphasis on the appreciation of sculptural form. Basic art recommended but not absolutely necessary.

317. CERAMICS
Two credits. Spring quarter.
Designing and constructing simple clay forms in slab, coil, casting and modeling.
336. ART FOR TEACHERS
Two credits. Autumn, Winter and Spring quarters.
Work in finger paint, illustrating stories, paper cutting, etc. Work suitable for general school work with emphasis upon individual teaching needs.
381. HISTORY OF ART
Three credits.
Art from Renaissance to present day. Emphasis is placed upon a study of artists and their painting.
459. ELEMENTARY ART WORKSHOP
Two credits. Summer quarter. Prerequisite, teaching experience.
Elementary teachers solve individual problems. Groups 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
Two credits. Summer quarter. 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.
- (NOT OFFERED 1958-1959)
101. DESIGN
Three credits. Autumn quarter.
A study of the principles of art structure, their development through original problems; an appreciation of the fine arts.
119. DRAWING
Three credits. Winter quarter.
Charcoal and chalk sketches from life and still life. At least one abstract drawing.
223. WEAVING
Two credits.
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.
323. WEAVING
Two credits.
Practice in threading the loom, working out patterns and loom weaving.
325. FIGURE DRAWING
Two credits. 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.
341. OIL PAINTING
Three credits. Prerequisite, 119 or 120.
Painting still life and composed pictures in oil with lectures on composition.
380. HISTORY OF ART
Three credits. Winter quarter.
A study beginning with pre-historic art and continuing until Renaissance. Emphasis upon sculpturing, architecture and minor arts.

CHEMISTRY

Professor, BURTON D. DIETZMAN

Assistant 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.

Requirements 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.

101. INORGANIC CHEMISTRY

Five credits. Autumn and Winter quarters.

In this course the basic laws of Chemistry will be applied to a considerable extent to the application of Chemistry in Biological fields. As in any introductory course, the content is very similar and the course is open to any student desiring to take 5 hours of work in the field of Inorganic Chemistry. Four lectures and one two-hour laboratory period per week.

111, 112. GENERAL INORGANIC CHEMISTRY

Five credits per quarter. Course 111, Autumn quarter; Course 112, Winter quarter, Prerequisite, Course 111.

Course 111 is a consideration of the basic concepts of the structure of matter including theories and laws, that have general application to the field of Chemistry. Course 112 shows the application of chemical discoveries to practical uses. The properties of the more common elements and compounds are also considered. High school mathematics is desirable. Three hours lecture and two two-hour laboratory periods per week.

113. QUALITATIVE ANALYSIS

Five credits. Spring quarter. 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

Two credits. Offered on demand. Prerequisite, permission of instructor.

Deals with glass blowing, repair of laboratory equipment and arrangement of laboratory apparatus.

230. ORGANIC CHEMISTRY

Five credits. Spring quarter. 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)**
Five credits. Autumn quarter. 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 hours per week.
345. **ORGANIC LABORATORY**
Two credits. Winter quarter.
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**
Two credits. Spring quarter.
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.
- 351, 352. **PHYSICAL CHEMISTRY**
Five credits per quarter. Winter and Spring quarters.
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.
365. **ORGANIC PREPARATIONS**
Two credits. Offered on demand. Prerequisite, Course 336.
426. **ADVANCED QUANTITATIVE ANALYSIS**
Five credits. Autumn quarter. 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**
Three credits per quarter. Fall, Winter, and Spring quarters. 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**
Two credits. Spring quarter. Prerequisite, Course 346.
 A study of the principles and experimental techniques used in the identification and characterization of organic compounds.
480. **UNDERGRADUATE RESEARCH**
Five credits. Prerequisite, 35 hours of Chemistry and a B average in Chemistry.
 (OFFERED IN 1959-1960 AND ALTERNATE YEARS THEREAFTER)
- 335, 336. **ORGANIC CHEMISTRY**
Three credits per quarter. Winter and Spring quarters. 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.
 (OFFERED IN 1959-1960 AND ALTERNATE YEARS THEREAFTER)
- 451, 452, 453. **PHYSICAL CHEMISTRY**
Five credits per quarter. Fall, Winter, and Spring quarters. 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, PHOEBE C. ROSSER

Part-time Instructor, LUCILLE WHEELER

Lecturer, HOWARD S. HATFIELD

Lecturer, HARRY M. DIXON

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 students field of interest.

115. **MATHEMATICS OF BUSINESS**
Five credits. Winter quarter. Prerequisite 1 year High School algebra.
 See Math 115 for description.
152. **BEGINNING TYPEWRITING**
Two credits. Autumn quarter.
 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**
Two credits. Winter quarter. 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**
Two credits. Spring quarter. 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 per week.
161. **BEGINNING SHORTHAND**
Three credits. Autumn quarter. Meets daily.
 An introductory course for students looking toward a secretarial career and for those wishing to become proficient in the art of rapid notetaking.
162. **INTERMEDIATE SHORTHAND**
Three credits. Winter quarter. 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**
Three credits. Spring quarter. 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**
Five credits. Winter quarter.
 A basic course recommended for all who pursue the upper division course in this department. It deals with production costs and prices, and the distribution of national income in the form of wages, interest, rents and profits, under conditions of competition and monopoly.

210. **ECONOMIC PROBLEMS**
Five credits. Spring quarter.
An analytical approach to current economic problems with special emphasis upon problems of price structure, business control, distribution of wealth, labor and taxation.
212. **INTRODUCTION TO BUSINESS**
Five credits. Autumn quarter.
The nature of business problems; various types of ownership; physical factors involved in location of business; marketing problems, devices and institutions; managerial controls; and the relation of government to business.
- 251, 252. **PRINCIPLES OF ACCOUNTING**
Five credits each quarter. Autumn and Winter quarters.
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.
262. **BUSINESS ENGLISH AND LETTER WRITING**
Five credits. Autumn quarter. 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**
Five credits. Winter quarter. 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**
Five credits. Autumn quarter.
Survey of world resources and geographical factors affecting their production and distribution.
307. **FOREIGN TRADE**
Five credits. Spring quarter.
Basic principles and practices of foreign trade, including a survey of international organizations.
311. **LABOR PROBLEMS**
Five credits. Winter quarter.
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.
314. **PRINCIPLES OF LIFE INSURANCE**
Two credits. Autumn quarter.
The personal and business uses of life insurance. Answers to common questions about life insurance programs. For general or preprofessional credit.
315. **PROPERTY INSURANCE**
Three credits. Winter quarter.
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**
Three credits. Spring quarter.
Basic principles of salesmanship, direct selling, sales demonstration, selection of prospects, answering objections. The structure of sales organizations and problems of sales management.

318. **REAL ESTATE**
Three credits. Winter quarter.
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**
Three credits. Fall quarter.
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**
Five credits. Autumn quarter. 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**
Three credits. 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.
355. **TEACHING OF SECRETARIAL SUBJECTS**
Three credits. Spring quarter. 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.
361. **INTERMEDIATE ACCOUNTING**
Five credits. Spring quarter. 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**
Three credits. Spring quarter.
Theoretical background and practical application of ways of thinking and securing understanding of human situations in business. Class discussion of actual business cases. The conduct of the course will be such as to benefit students in any academic field.
- (NOT OFFERED 1958-1959)
172. **SECRETARIAL BOOKKEEPING**
Five credits.
Basic principles of modern record keeping and accounting theory, with adaptations of these fundamentals to various business and professional situations.
308. **INVESTMENTS**
Five credits. Winter quarter.
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**
Three credits. Autumn quarter.
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.
312. **BUSINESS LAW**
Five credits.
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

Five credits.

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

Three credits. Spring quarter.

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.

368. ECONOMIC HISTORY OF THE UNITED STATES

Five credits. Autumn quarter.

See History 368.

401. CORPORATE ORGANIZATION AND FINANCE

Three credits.

Problems in corporate structure and the promotion, financing and financial management of business organizations.

403. MARKETING

Five credits. Spring quarter.

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, OLIVE M. GOODMAN

Instructor, PHYLLIS SMITH

Instructor, DOROTHY WIEBE

Supervisor, BELVA MACINTOSH

Supervisor, GERALD F. NEWTON

Lecturer, HARRY BEASLEY

Lecturer, EVELYN BUCKLEY

Lecturer, PATRICIA LANDIS

Lecturer, ADAH MINER

Lecturer, ALLEN J. OLSON

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

30. STATE MANUAL

No credit. Every quarter. Permission of Education Office.

191. INTRODUCTION TO EDUCATION

Three credits. Autumn, Winter and Spring quarters.

Orientation to the work of the teacher. Professional preparation and opportunities for service. Essential aptitudes and attitudes, duties and responsibilities. Function of the school in contemporary society. How American education is financed, organized, administered. Interview and observations, discussions, readings, group work.

306. CHILD GROWTH AND DEVELOPMENT

Five credits. Autumn, Spring and Summer quarters. Prerequisites, Psychology 100.

Open to third quarter Sophomores.

Individual and social development and their causes, from infancy to adult age.

307. INSTRUCTIONAL MATERIALS AND PROCEDURES

Three credits. Autumn, Winter and Spring quarters. Prerequisites, Education 191, 306. Not open to Sophomores.

A study of methods and practices of classroom mechanics, pupil motivation, and pupil evaluation built around the subject of Science and Mathematics for selected grade levels. Application is made for status as a regular candidate for a teacher's certificate.

308. LANGUAGE ARTS AND SOCIAL STUDIES

Three credits. Autumn, Winter and Spring quarters. Prerequisites, Education 191, 306, and 307 or concurrently with 307.

Desirable methods and practices in the teaching of the language arts and the social studies for selected grade levels.

309. DEVELOPMENTAL READING

Three credits. Autumn, Winter and Spring quarters. Prerequisites, Education 307 and 308 or concurrently with 308.

An examination of methods and materials used in the instruction of the developmental reading program.

376. STUDENT TEACHING IN ELEMENTARY SCHOOLS

Sixteen credits. Autumn, Winter and Spring quarters. Prerequisites, Education 307, 308 and 309 or their equivalent and permission.

Observation and actual teaching all of each school day for one quarter in selected public elementary schools. Constitutes the student's full load for the quarter. For information regarding arrangements and assignments see the "Student Teaching" section of this catalog.

385. STUDENT TEACHING IN SECONDARY SCHOOLS

Eight credits. Autumn, Winter and Spring quarters. Prerequisites, Education 376 or the equivalent and permission.

Observation and actual teaching three clock hours of each school day for one quarter exclusive of examination week in selected public secondary schools. Allowance must be made for travel and lunch period times when considering registration for other courses. For information regarding arrangements and assignments see the "Student Teaching" section of this catalog.

388. PROFESSIONAL LABORATORY EXPERIENCES—ELEMENTARY LEVEL

Credits vary. Autumn, Winter and Spring quarters. Prerequisites, 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.

412. INSTRUCTIONAL PROBLEMS OF TEACHING

Three credits. Autumn, Winter and Spring quarters. Prerequisites, student teaching experience.

Advanced study of specific problems of method and curriculum.

413. PUPIL GROWTH AND EVALUATION

Two and one-half credits. Offered at intervals on a rotating cycle.

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, 416, 417, 418, 419. CURRICULA AND PROCEDURES
Two and one-half credits each. Offered at intervals on a rotating cycle. Prerequisite, student teaching experience.
 Action research on problems growing out of teaching experience.
- 425-437. COURSES IN THE IMPROVEMENT OF TEACHING
Two and one-half credits 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
 435. Improvement of Teaching Arithmetic
 436. Improvement of Teaching Geography
 437. Improvement of Teaching Creative Dramatics
438. USE OF MENTAL TEST RESULTS IN THE CLASSROOM
Two and one-half credits. Offered at intervals on a rotating cycle.
444. PSYCHOLOGY OF EXCEPTIONAL CHILDREN
Two and one-half credits. Offered at intervals on a rotating cycle.
 (For description, see Psychology 444).
- 451-471. WORKSHOPS
Two or three credits 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
 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
472. OUTDOOR EDUCATION
Three credits. (For description see P. E. 472).
473. ELEMENTARY EDUCATION SEMINAR
Two and one-half credits. Offered at intervals on a rotating cycle. Prerequisite, permission.
 A critical examination of the elementary school with special emphasis on curricula and methods.
474. PRINCIPLES OF SECONDARY EDUCATION
Two and one-half credits. Offered at intervals on a rotating cycle. Prerequisite, permission.
 An advanced study of the modern secondary school; its purpose, development, scope and curriculum.
475. FUNCTIONAL SUPERVISION IN THE PUBLIC SCHOOLS
Two and one-half credits. 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.

476. STUDENT TEACHING AND COUNSELING
Credits vary. Offered on demand. Prerequisite, permission.
 Supervised experiences including student assistance, teaching and counseling on the Casey Campus of Seattle Pacific College or in organized outdoor education programs of the public schools.
477. WORKSHOP IN REMEDIAL REARING TECHNIQUES
Two and one-half credits. Summer quarter. 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
Two and one-half credits. Summer quarter. Prerequisite, permission.
 A class taken concurrently with Education 489. Clinical procedures in the study of pupils with arithmetic difficulties; corrective methods.
486. STUDENT TEACHING, ADVANCED COURSE
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisites, permission.
 An advanced course in teaching technique, involving student teaching in the public schools.
487. DIRECTED TEACHING IN THE READING CENTERS
Seven credits. Summer quarters. Prerequisite, permission.
 Directed observation and teaching in a remedial room in the public schools. To be taken concurrently with Education 477.
489. DIRECTED TEACHING IN ARITHMETIC CENTERS
Seven credits. Summer quarter. Prerequisite, permission.
 Directed observation and teaching in a remedial room in the public schools. To be taken concurrently with Education 480.
495. UNDERGRADUATE RESEARCH
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
 Individual research on specific subjects designated at the time of registration.
496. READINGS IN EDUCATION
Credits vary. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
 Reading in specific areas designated at the time of registration.
- 501, 502. INTRODUCTION TO GRADUATE STUDY
Two and one-half credits each. Offered at intervals on a rotating cycle. Prerequisite, permission. Required for M. Ed. degree. 501 Prerequisite to 502.
 Research problems in education; historical and scientific methods, design of investigation; bibliographical techniques; methods of reporting results.
525. PHILOSOPHY OF EDUCATION
Two and one-half credits. 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
Two and one-half credits. 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
Two and one-half credits each. Offered on demand.

532. SEMINAR IN PRIMARY READING
Two and one-half credits. Offered at intervals on a rotating cycle. Prerequisite, permission.
540. CURRENT EDUCATIONAL PROBLEMS
Two and one-half credits. 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
Two and one-half credits each. Offered at intervals on a rotating cycle. Prerequisite, permission.
Background, structure, methods and problems of administration of the public schools.
582. SECONDARY ADMINISTRATION
Two and one-half credits. Offered at intervals on a rotating cycle.
583. ELEMENTARY ADMINISTRATION
Two and one-half credits. Offered at intervals on a rotating cycle.
585. PRACTICUM IN ADMINISTRATION
Credits vary. Offered on demand.
595. RESEARCH
Credits vary. Autumn, Winter, Spring and Summer quarters, Prerequisite, permission.
Individual research on specific subjects designated at the time of registration.
- 597, 598, 599. THESIS
Three credits. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
The special study or thesis course.

Courses in Other Departments Also Carrying Education Credit

231. Sociology 231. Statistics (5)
268. Art 268. Elementary Arts and Crafts (3)
305. P. E. 305. Elementary School Physical Education Program (3)
336. Art 336. Art for Teachers (2)
340. Sociology 340. Group Behavior (5)
341. Music 341. Elementary School Music (3)
349. Microbiology and P.H. 349. The School Health Education Program (3)
362. Sociology 352. The Family (5)
360. History 360. Pacific Northwest History (3)
361. English 361. Literature for Teachers (2)
378. Art 378. Arts and Crafts (3)
411. Zoology 411. Biological Science for the Public School (3)
437. Art 437. Basic Art for Teachers (2)
443. Sociology 443. Mass Communication (5)
450. P. E. 450. Organization and Administration of the Physical Education Program (3)
453. Microbiology and P. H. 453. Methods and Materials in Health Training (3)
472. Sociology 472. Juvenile Delinquency (5)
486. Zoology 486. Today in Science (5)

Upon approval of the School of Education certain courses listed as Religion in this catalogue, may be counted toward the teaching major in the Language Arts in Social Studies areas.

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 must present a high school record showing one year each of algebra, plane geometry and physical science, and also a 2.00 ("C") average in at least nine academic units.

101. ENGINEERING DRAWING
Three credits. Autumn quarter.
Training in the use of drawing instruments, free hand lettering and sketching. Orthographic, auxiliary and isometric planes of projection.
102. ENGINEERING DRAWING
Three credits. Winter quarter. Prerequisite, Engineering 101.
103. DESCRIPTIVE GEOMETRY
Three credits. Autumn and Spring quarters. 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
Three credits. Autumn quarter. 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. ENGINEERING PROBLEMS
Three credits. Winter quarter. Prerequisite, Engineering 111.
Elementary problems in the principles of mechanics dealing with properties and the relation of forces in equilibrium.
121. PLANE SURVEYING
Three credits. Spring quarter. Prerequisite, Engineering 102, Mathematics 104.
Methods of surveying with experience in the use of instruments and practical problems.
201. MACHINE SHOP AND WELDING
Two credits. Winter quarter.
Training and experience in basic machine shop practices together with theory and application of various types of welding.
214. DYNAMICS
Three credits. Autumn quarter. Prerequisite, Engineering 111, 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.
215. MECHANICS OF MATERIALS
Three credits. Winter quarter. Prerequisite, Engineering 214.
A study of the stresses and deformation of structural members.
216. DYNAMICS AND MECHANICS OF MATERIALS
Three credits. Spring quarter. Prerequisite, Engineering 215, Mathematics 322.
A continuation of Engineering 215 with emphasis on more involved engineering applications.
260. MECHANISM
Three credits. Spring quarter. 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.

ENGLISH

Associate Professor, DONALD McNICHOLS

Assistant Professor, ELEANOR F. TATE

Part-Time Instructor, FAYE B. NEEDHAM

Part-Time Instructor: CLAIRE V. DOWNES

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 the 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, 375 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 225 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; or 241, 242, 243); one advanced writing course; at least one upper division literature course.

100. FUNDAMENTALS OF ENGLISH COMPOSITION

Three Credits. Autumn quarter.

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.

101, 102, 103. ENGLISH COMPOSITION

Three credits per quarter. Autumn, Winter and Spring quarters.

Development of techniques necessary for successful college study, including organizing ideas; vocabulary building; book reviewing; using the library; and preparing a research paper. Training in self-expression through writing, and in skills necessary for effective expression. Drill in verbal correctness, the hallmark of a cultured individual.

205. EXPOSITORY WRITING

Two credits. Winter quarter.

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.

221. INTRODUCTION TO POETRY

Three credits. Autumn quarter.

A study of various types of poetry, designed to provide a foundation for life-long enjoyment reading. Informal class discussion memorable poems, with elementary analysis of the qualities in and value of poetry.

222. INTRODUCTION TO THE SHORT STORY

Three credits. Winter quarter.

Appreciative class study and analysis of the short story.

223. INTRODUCTION TO DRAMA

Three credits. Spring quarter.

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.

231, 232. SURVEY OF AMERICAN LITERATURE

Three credits per quarter. Autumn and Winter quarters. Not open for credit to students who have taken or are taking 331, 332 or 333.

A study of the stirring saga of American progress as reflected in the writings of great American thinkers. Traces literature showing American aspirations and achievements from Puritan settlers to present day writers.

241, 242, 243. SURVEY OF ENGLISH LITERATURE

Three credits per quarter. Autumn, Winter and Spring quarters.

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.

316. WORLD LITERATURE

Five credits. Spring quarter.

A study of the great classics, familiarity with which is the heritage of cultured people in many nations. Writings by such ancient and modern Europeans as Homer, Vergil, Dante, Goethe and Dostoyevsky.

342. SHAKESPEARE: TRAGEDIES

Five credits. Winter quarter.

Study of the greatest plays from England's greatest playwright. Analysis of literary techniques, concept of human nature, aspects of Elizabethan tradition and memorable lines.

348. EIGHTEENTH CENTURY LITERATURE

Five credits. Spring quarter.

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

Five credits. Autumn quarter. Prerequisite, English 222 or equivalent.

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.

355. VICTORIAN LITERATURE

Five credits. Winter quarter.

Writings of the late nineteenth century, a period rich with ideas and prolific in producing literature which is widely enjoyed by the general reader. Emphasis on Tennyson, the Brownings, the Rossettis, Arnold, Carlyle.

361. LITERATURE FOR TEACHERS

Three credits. Autumn and Spring quarters. Does not apply toward a major in English.

A course designed to assist teachers in selecting and teaching literature appropriate for the various levels.

385. **CREATIVE WRITING**
Two credits. Winter quarter.
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.
386. **SHORT STORY WRITING**
Three credits. Spring quarter.
Various phases of short story technique: plot development, characterization, handling of dialogue, use of settings. Individual projects with class criticism.
445. **MILTON**
Five credits. Spring quarter.
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**
Five credits. Autumn quarter.
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.
- NOT OFFERED 1958-1959
308. **ADVANCED GRAMMAR**
Three credits. Spring quarter.
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. Accepted as a substitute for Education 412 in the language arts broad area major.
331. **AMERICAN LITERATURE**
Three credits. Autumn quarter.
A study of the 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**
Three credits. Winter quarter.
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**
Three credits. Spring quarter.
Contemporary fiction in America including such authors as Sinclair Lewis, F. Scott Fitzgerald, John Steinbeck, William Faulkner, Ernest Hemingway, Virginia Woolf, Willa Cather.
341. **SHAKESPEARE: COMEDIES AND HISTORIES**
Five credits. Winter quarter.
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.
347. **SEVENTEENTH CENTURY LITERATURE**
Five credits. Autumn quarter.
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.
350. **THE ENGLISH NOVEL**
Five credits. Spring quarter.
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**
Five credits. Spring quarter.
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.
357. **CONTEMPORARY ENGLISH AND AMERICAN PROSE**
Two credits. Winter quarter.
A course designed to help the student's organization 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 bookseller's lists of today and the recent past.
358. **CONTEMPORARY ENGLISH AND AMERICAN POETRY**
Three credits. Winter quarter. Prerequisite, English 221 or equivalent.
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**
Three credits. Winter quarter.
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**
Three credits.
A study of techniques and methods of teaching English on the secondary level.
411. **CURRENT AMERICAN LITERATURE**
Three credits.
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**
Five credits. Winter quarter.
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 may 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**
Five credits, Autumn, Winter and Spring. Prerequisite for French 103, French 102 or three high school semesters or equivalent.
- 204, 205, 206. **INTERMEDIATE FRENCH READING**
Three credits. Autumn, Winter and Spring. Prerequisite for French 204, French 103 or four semesters in high school or equivalent.
- 207, 208, 209. **INTERMEDIATE FRENCH COMPOSITION**
Two credits. Autumn, Winter and Spring. Prerequisite for French 207, French 103 or equivalent.
- 301, 302, 303. **ADVANCED SYNTAX AND COMPOSITION**
Two credits. Autumn, Winter and Spring. 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**
Three credits per quarter. Autumn, Winter and Spring. Prerequisite for French 304, French 206 or equivalent.
- 310, (410), 311, (411), 312, (412). **READINGS IN FRENCH**
One to three credits per quarter. Autumn, Winter and Spring.
Individual supervised reading to be determined at time of registration. Designed for greater facility in reading knowledge.
321. **FRENCH DRAMA**
Two credits per quarter. Prerequisite, French 206 or 209 or equivalent.
Rapid survey of representative masterpieces of French drama with lectures and discussion on the development of drama. Assigned readings in French.
322. **LYRIC POETRY**
Two credits per quarter. 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**
Three credits per quarter. Autumn, Winter and Spring.
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**
One credit per quarter. Autumn, Winter and Spring.
Supervised reading in French on history, art, architecture, literature or music according to special interest.
- 340, 341, 343. **TECHNIQUES IN FRENCH TEACHING**
Two credits per quarter. Autumn, Winter and Spring. Prerequisite, French 304 or equivalent.
Consideration of aims, problems, methods, modern techniques and devices.
- 431, 432, 433. **SURVEY OF FRENCH LITERATURE**
Three credits per quarter. Autumn, Winter and Spring. Prerequisite is French 304 or equivalent.
Lectures in French with required readings.

GERMAN

Professor, C. MAY MARSTON

101. **ELEMENTARY GERMAN**
Five credits. Autumn quarter.
Grammar, composition, reading with conversation. Collateral required in all courses. No credit given until course 102 is completed.
102. **ELEMENTARY GERMAN**
Five credits. Winter quarter. Prerequisite, Course 101.
Continuation of Course 101 with graded readers.
103. **ELEMENTARY GERMAN**
Five credits. Spring quarter.
Continuation of Course 102 with more advanced reading.
204. **INTERMEDIATE GERMAN**
Three credits. Autumn quarter. Prerequisite Course 105 or two years in high school.
A thorough review of grammar with composition and reading from modern writers with conversation.
205. **INTERMEDIATE GERMAN**
Three credits. Winter quarter.
Reading in classical literature with composition and conversation.

206. **INTERMEDIATE GERMAN**
Three credits. Spring quarter.
Continuation of Course 205.
- 301, 302, 303. **ADVANCED READING**
Two credits per quarter. Autumn, Winter and Spring quarters. Prerequisite Course 206 or three years in high school.
Reading novels and plays with composition and conversation.

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**
Five credits per quarter. Autumn, Winter and Spring quarters. No credit for Greek 201 until Greek 202 is completed.
Grammar and composition with reading of selections from Xenophon, *Anabasis*, in the Spring quarter.
- 334, 335, 336. **GREEK DRAMA**
Three credits per quarter. Autumn, Winter and Spring quarters. 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, 403. **ADVANCED NEW TESTAMENT GREEK**
Two credits per quarter. Autumn, Winter and Spring quarters. Prerequisite, Greek 309 or the instructor's permission.
Reading and exegesis of material from the Greek New Testament selected to meet the needs and interests of the students.
- NOT OFFERED 1958-1959
304. **COMPOSITION AND SYNTAX**
Three credits. Autumn quarter. Prerequisite Greek 203.
Thorough review of grammar, with practice in writing Greek prose.
305. **HOMER**
Three credits. Winter quarter. Prerequisite Greek 203.
Selections from the *Iliad*.
306. **PLATO**
Three credits. Spring quarter. Prerequisite, Greek 203.
Reading of the *Apology*, *Crito*, and selections from the *Phaedo*.
- 307, 308, 309. **NEW TESTAMENT GREEK**
Two credits per quarter. Autumn, Winter and Spring quarters.
Prerequisite, Greek 203 or the equivalent.
One Gospel. Selections from Acts, Introduction to textual problems and exegesis.
310. **GREEK LITERATURE IN TRANSLATION**
Three credits.
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**
Three credits per quarter. Prerequisite, 306.
Reading of selections from Herodotus, Plato and/or the Attic Orators.
327. **LYRIC POETRY**
Three credits. Prerequisite Greek 305.

HISTORY

Professor, CLIFFORD E. ROLOFF
 Associate Professor, DONALD E. DEMARAY
 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.

111. **MEDIEVAL EUROPE**
Five credits. Autumn quarter.
 The political and cultural development of Western Europe from the decline of Rome to the close of the fifteenth century.
112. **MODERN EUROPE**
Five credits. Winter quarter.
 A continuation of History 111 from the Protestant Reformation to the present.
142. **UNITED STATES, 1783-1865**
Five credits. Autumn quarter.
 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**
Five credits. Winter quarter.
 A continuation of History 142 from the beginning of the Reconstruction Period to the present day.
210. **ANCIENT HISTORY**
Five credits. Spring quarter.
 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.
280. **HISTORY OF THE FAR EAST**
Five credits. Autumn quarter.
 A survey from earliest times designed to provide an introduction to the contemporary Far East.
319. **TWENTIETH-CENTURY EUROPE**
Five credits. Autumn quarter.
 A study of important developments in Europe from World War I to the present, with special emphasis on causes of World War II.
323. **EUROPEAN CULTURE AND CIVILIZATION**
Three credits. Summer quarter.
 A tour of Italy, Switzerland, Germany, France, Holland, Belgium, Scotland and England. Observation and study will be given to significant features of historical interest, and also to the contemporary cultural and political scene of Europe.

329. **MODERN ENGLAND**
Five credits. Spring quarter.
 A study of the development of England and English institutions from 1485 to the present.
337. **MODERN RUSSIA**
Two and one-half credits. Summer quarter.
 A social and political history of modern Russia with special attention given to the revolutionary movement and the establishment of the Soviet regime.
340. **CHURCH HISTORY**
Five credits. Autumn quarter.
 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.
341. **COLONIAL AMERICA**
Five credits. Autumn quarter.
 A study of early colonization enterprises in the western hemisphere with special emphasis upon the development of the Atlantic seaboard colonies and the American Revolution.
360. **HISTORY OF THE PACIFIC NORTHWEST**
Three credits. Winter and Spring quarters. Summer, two and one-half credits.
 A study of the history of the Pacific Northwest beginning at the discovery period, with emphasis upon the history and government of Washington.
375. **HISTORY OF LATIN AMERICA**
Five credits. Summer quarter.
 A study of the racial and cultural background of the Latin-American peoples; of the period of conquest; colonization and colonial government; of the development and progress of the republics.
378. **HISTORY OF AFRICA**
Five credits. Spring quarter.
 A survey of the ancient and modern history of Africa with emphasis upon the cultural groups, the early and modern explorations, indigenous empires, the slave trade, the partition by European nations, recent cultural, economic and political developments.
381. **MODERN CHINA**
Five credits. Winter quarter.
 A study of the period from 1840 to the present, covering the modernization of China, internal crises, international relations, and the rise of Communist China.
413. **RENAISSANCE AND REFORMATION**
Five credits. Spring quarter.
 Study of the Italian Renaissance and its influence upon Europe together with the origin and subsequent development of the Protestant movement throughout Europe.
446. **UNITED STATES—EARLY NATIONAL PERIOD**
Two and one-half credits. Summer quarter.
 A study of 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**
Five credits. Winter quarter.
 A study of the causes, events, and interpretations of the American Civil War.
452. **EARLY TWENTIETH CENTURY AMERICA**
Two and one-half credits. Summer quarter.
 A study of the United States from the turn of the century to the end of World War I.

NOT OFFERED 1958-1959

368. ECONOMIC HISTORY OF THE UNITED STATES

Five credits.

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.

387. MODERN JAPAN

Five credits.

Beginning with 1850 this course traces the rise of Japan to leadership in Asia, together with developments in Japan since World War II.

455. RECENT UNITED STATES HISTORY

Two and one-half credits.

A study of political, economic, social, and cultural history of the United States from the close of World War I to the present.

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. Forty-five credits are required in Home Economics, eighteen of which must be upper division. The following related courses are required: Sociology 352, Economics 351, Education 306. It is advised that Chemistry 111 and 112 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 courses required by the Department of Education, the following are departmental recommendations: Home Economics 103, 130, 140, 160, 165, 166, 304, 330, 341, 312, 400, 365.

Only Land Grant Colleges may offer vocational certification for Home Economics teaching. Our department offers all supporting courses toward such certification. In addition to completing our major requirements, seventeen 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.

103. BASIC DESIGN

Five Credits. Autumn quarter.

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.

130. NEEDLECRAFT

Two credits. Winter quarter.

Introduction to basic needle arts by making samplers. A choice of one area may be selected for a term project.

140. CLOTHING CONSTRUCTION

Five credits. Autumn quarter.

Beginning course in clothing construction. Fundamental principles of dressmaking. Comparative analysis of commercial patterns. Fitting techniques. Construction of cotton or linen dress.

160. NUTRITION

Three credits. Spring and Summer quarters.

A study of the fundamental principles of human nutrition. Consideration on how to best meet the body's need for food. Course includes three hours of lecture and two hours laboratory work per week.

165. FOODS PREPARATION

Five credits. Autumn quarter.

A study combining theory and fact with practical problems of food selection and preparation.

166. FOODS PREPARATION

Five credits. Winter quarter.

Limited to the consideration of flour mixtures. A course in the manipulation and temperatures for baked products.

304. HOUSE DESIGN

Three credits. Winter quarter.

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

Three credits. Autumn quarter.

The study of household procedures other than food preparation and clothing construction. Includes a problem in managing the household budget.

330. TEXTILES

Three credits. Spring quarter.

Information applied to the selection and maintenance of fabrics and ready-made garments. Interpretation of labels and advertising.

340. PATTERN DESIGN

Five credits. Winter quarter. Prerequisite, Course 140.

Study of flat pattern designing. Also problems in handling silk, wool, and synthetic material, and construction of dress using one of these materials.

341. TAILORING

Five credits. Spring quarter. Prerequisite, Course 140.

Basic principles of suit and coat construction, making one complete garment, and one made-over garment.

365. ADVANCED FOOD PREPARATION

Five credits. Prerequisites, Courses 160, 165 and 166.

Application of fundamental principles in meal planning and serving. Shopping for, preparing and serving the various meal patterns to specific needs.

400. HOME ECONOMICS TEACHING METHODS

Three credits. Winter quarter.

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

Three credits. Spring quarter.

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.

NOT OFFERED IN 1958-59

100. INTRODUCTION TO HOME ECONOMICS

Two credits.

Function, history and present status of Home Economics. A survey of the specific area for study. Emphasis on professional opportunities with an analysis of the training required for each.

368. EXPERIMENTAL COOKERY

Five credits. Spring quarter. Prerequisite, Courses 165 and 166.

Specific analysis of the principles of the field of cookery by reading and experimentation. Comparisons of prepared mixes and advocated procedures.

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

Three credits. Autumn quarter. 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

Two credits. Winter quarter. 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

Two credits. Spring quarter. 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.

204, 205, 206. CICERO AND VERGIL

Three credits per quarter. Autumn, Winter and Spring quarters. Prerequisite, Latin 103 or two years of high school Latin.

Selection from Cicero, Letters and Orations. Vergil, *Aeneid* Books I-VI.

207, 208. COMPOSITION AND SYNTAX

Two credits per quarter. Autumn and Winter quarters. To be taken simultaneously with 204, 205.

Review of syntax and composition in Latin, based on Cicero's orations.

209. SUPPLEMENTARY READINGS

Two credits. Spring quarter. To be taken simultaneously with 206.

Sight reading in the *Aeneid* and additional reading in English relating to Roman history and literature.

NOT OFFERED 1958-59

101-102, 103. ELEMENTARY LATIN

Five credits per quarter. No credit for Latin 101 until Latin 102 is completed.

Grammar, composition and reading of selections from Latin authors, including Caesar.

301, 302, 303. SURVEY OF LATIN LITERATURE

Three credits per quarter. Prerequisite, Latin 206 or the equivalent.

Reading of selections from Latin prose and poetry with lectures on the history of Latin Literature.

212. STUDIES IN VOCABULARY

Three credits.

A course designed to expand the student's working vocabulary, through the study of the Latin and Greek elements in our English vocabulary. Does not count toward a major.

311. LATIN LITERATURE IN TRANSLATION

Three credits.

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

Two credits. Prerequisite, Latin 206.

Intensive reading of Caesar's Commentaries, with studies of his place in Roman literature and history.

324, 325. CICERO

Two credits per quarter. Prerequisite, Latin 206.

De Amicitia and selected Letters.

401. OVID

Three credits. Prerequisite, Latin 303.

The Metamorphoses and studies in Graeco-Roman mythology.

402. ROMAN HISTORIANS

Three credits. Prerequisite, Latin 303.

Latin historical writers, with special attention to Livy.

403. MEDIEVAL LATIN

Three credits. Prerequisite, Latin 303.

MATHEMATICS

Instructor, O. KARL KRIENKE

Instructor, CHARLES DOHNER

Part-Time Instructor, JANET BUCK

Requirements for a Major in Mathematics: Students majoring in Mathematics must earn at least forty-eight credits, twenty-eight of which must be in courses numbered above 300. Courses must include 103, 104, 105, 321, 322, 323 and thirteen quarter credits in approved upper-division electives. Course 101 may not be applied toward a major. General Physics and General Chemistry are recommended as supporting courses.

All students registering for Mathematics 103 must take a placement test. Students presenting two years of high school algebra or the equivalent may be exempted from Mathematics 103 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 103 or 104 may substitute approved Mathematics electives.

101. ADVANCED ALGEBRA

Five credits. Autumn and Spring quarters. Prerequisite, one year of Algebra.

A study of linear and quadratic equations, algebraic functions and their graphical representation, fractions, exponents, radicals, logarithms, imaginaries and the binomial theorem.

103. COLLEGE ALGEBRA

Five credits. Autumn quarter. Prerequisite, Course 101 or its equivalent.

A study of linear and quadratic equations, functions and their graphs, exponents and radicals, ratio, proportion and variation, arithmetic and geometric progressions, the binomial theorem, theory of equations, permutations, combinations, probability, complex numbers and determinants.

104. PLANE TRIGONOMETRY

Five credits. Winter quarter. Prerequisites, one and one-half years of Algebra.

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, together with proper methods of checking results. This course is absolutely basic to all further work in mathematics.

105. PLANE ANALYTIC GEOMETRY
Five credits. Spring quarter. 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.
321. DIFFERENTIAL CALCULUS
Five credits. Autumn quarter. Prerequisite, Courses 103 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, maxima and minima with practical applications, and differentials.
322. DIFFERENTIAL AND INTEGRAL CALCULUS
Five credits. Winter quarter. Prerequisite, Course 321.
A study of curvature, radius and circle of curvature, the theorem of mean value and its applications, rules for integrating the standard elementary forms, the indefinite integral, the definite integral, and formal integration by various devices.
323. DIFFERENTIAL AND INTEGRAL CALCULUS
Five credits. Spring quarter. Prerequisite, Course 322.
Continuation of Course 322. A study of series, convergent and divergent with emphasis upon methods of testing each, expansion of functions into series, partial differentiation with applications, methods of finding centroids, fluid pressure, reduction formulas and multiple integrals.
370. VECTOR ANALYSIS
Five credits. Autumn quarter. Prerequisite, Course 323.
Elements of vector manipulation and vector calculus, Stokes' Theorem and Green's Theorem.
- 431, 432, 433. DIFFERENTIAL EQUATIONS AND ADVANCED CALCULUS
Three credits per quarter. Autumn, Winter and Spring quarters. Prerequisite for 431, course 323; 431 for 432, and 432 for 433.
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.
450. INTRODUCTION TO MODERN ALGEBRA
Five credits. Spring quarter. Prerequisite, Courses 323 and 331.
Polynominals, matrices, introduction to the theory of groups, rings, fields.
- NOT OFFERED 1958-1959
115. MATHEMATICS OF BUSINESS
Five credits. Prerequisite, one year of high school algebra.
This course is open to students in Liberal Arts, Home Economics, Business Administration, and Education. It will be very helpful to students who desire some acquaintance with, and proficiency in the methods and skills of elementary college mathematics. Emphasis will be placed upon the practical application of algebraic principles and logarithmic computations as they arise in the study of problems in percentage, simple interest and discount, compound interest and compound discount, annuities, sinking funds and amortizations, progressions, and the binomial theorem.
331. THEORY OF EQUATIONS
Five credits. Prerequisites, Courses 103 and 321.
A study of the fundamental properties of algebraic equations of higher order than the second, with emphasis on methods of isolating and finding the real roots of an equation of the n th degree, applications of the theorems of Sturm and Budan, Newton's and Horner's methods of approximation, symmetric functions and determinants.

MICROBIOLOGY AND PUBLIC HEALTH

Professor, CHARLES F. SHOCKEY

Requirements for Major: A total of 40 hours in the department. Fifteen hours of chemistry and 5 hours of Sociology are required as supporting courses.

100. MICROBIOLOGY
Five credits. Autumn quarter.
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.
115. SURVEY OF MICROBIOLOGY AND PUBLIC HEALTH
Five credits. Summer quarter.
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.
151. HEALTH PROBLEMS IN PRIMITIVE COMMUNITIES
Five credits. Winter quarter.
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.
200. PUBLIC HEALTH AND SANITATION
Five credits. Spring quarter.
An introduction to the science of preventing disease, prolonging life and promoting mental and physical efficiency through organized community effort with special emphasis on the sanitation aspect. Lecture and demonstration.
300. SANITARY MICROBIOLOGY
Five credits. Winter quarter. Prerequisite, Course 100.
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
Five credits. Autumn quarter. Prerequisite, Course 100 or permission of instructor.
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.
340. IMMUNOLOGY AND SEROLOGY
Five credits. Spring quarter. Prerequisite, Course 100.
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. Three lecture periods and two two-period laboratory sessions each week.
345. COMMUNICABLE DISEASE
Three credits. Spring quarter. Prerequisite, Course 100 or permission of instructor.
A study of communicable diseases, their means of transmission and methods of control. A lecture course.

349. THE SCHOOL HEALTH EDUCATION PROGRAM

Three credits. Summer and Winter quarters.

An examination, in a practical fashion, of the operation of a health education program with special emphasis on the areas of healthful school living, health service and health instruction and of specialized personnel requirements for such a program. A lecture course.

364. FOOD PROCESSING

Three credits. Autumn quarter. Prerequisite, Course 100 or permission of the staff. Methods of preserving various foods and the microbiological relationships involved. A lecture course.

381, 382. APPLIED MICROBIOLOGY

Five credits. Autumn, Winter and Spring quarters. Prerequisite, Course 100 and permission of the staff.

Practical experience in media room, public health, hospital, or industrial laboratories. Five two-hour laboratory sessions each week by arrangement.

385. FIELD TRAINING

Fifteen credits. Summer quarter. 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.

446. DISEASE TRANSMISSION AND CONTROL IN PRIMITIVE COMMUNITIES

Three credits. Summer quarter. Prerequisite, Course 100 or permission of the staff.

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

Three credits. Summer quarter.

Health instruction in elementary, junior and senior high schools, including subject matter, source material and method.

486. WORKSHOP TODAY AND SCIENCE

Five credits. Summer quarter. Prerequisite, Basic science requirements satisfied.

495. READING AND CONFERENCE

One to five credits. Winter quarter. Prerequisite, permission of the staff.

Assigned readings in areas of special need with conference occasions for the purpose of clarification and guidance.

NOT OFFERED IN 1957-58

316. PUBLIC HEALTH ORGANIZATION AND ADMINISTRATION

Three credits. Prerequisite, Course 315.

A study of the procedures and problems involved in organizing and administering a public health program. A lecture course.

347. TROPICAL DISEASE

Five credits. Prerequisite, Course 100.

Diseases most commonly encountered in the tropics. Designed primarily for those interested in missionary work or government service in the tropics. A lecture course.

363. FOOD MICROBIOLOGY

Five credits. Prerequisite, Course 100 or permission of the staff.

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

Three credits.

The place of the church and school, integral parts of the community as they are, in the over-all public health program. Recommended particularly to those preparing for leadership in these areas. A lecture course.

435. GENERAL VIROLOGY

Three credits. Prerequisite, Course 100 or Zool. 101.

Consideration of viruses and their relationships to man. A lecture course.

455. PARASITOLOGY

Five credits.

MUSIC

Professor, LAWRENCE R. SCHOENHALS, Head of Department, Choral Music

Associate Professor, WINIFRED J. LEIGHTON, Strings, Music Education

Assistant Professor, PHILIP J. MACK, Voice, Choral Music

Instructor, MARCILE C. MACK, Piano, Theory

Instructor, CARL H. REED, Music History and Literature, Piano

Instructor-Emeritus, MABEL JONES MOYER, Piano

Part-time Instructor, WINSTON A. JOHNSON, Organ, Piano, Church Music

Part-time Instructor, ROBERT S. STALEY, Band

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

100. MUSIC FUNDAMENTALS

Two credits. Autumn, Winter and Spring quarters. 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. INTRODUCTION TO MUSIC THEORY

Four credits. Autumn quarter. 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 I, II

Four credits per quarter. Winter and Spring quarters. 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

One credit. Autumn, Winter and Spring quarters. 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

One credit per quarter, maximum three.

Two class sessions per week. Enrollment limited to eight students per section. Extra fee.

111. INDIVIDUAL INSTRUCTION—BRASS

One or two credits per quarter. Each quarter.

May be repeated.

112. INDIVIDUAL INSTRUCTION—ORGAN

One or two credits per quarter. Each quarter. Prerequisite, three years of piano study.

May be repeated.

113C. CLASS INSTRUCTION—PERCUSSION

One credit per quarter, maximum three.

Two class sessions per week. Enrollment limited to eight students per section. Extra fee.

113. INDIVIDUAL INSTRUCTION—PERCUSSION

One or two credits per quarter. Each quarter.

May be repeated.

- 114C. CLASS INSTRUCTION—PIANO
One credit per quarter, maximum three.
Two class sessions per week. Enrollment limited to five students per section. Extra fee.
114. INDIVIDUAL INSTRUCTION—PIANO
One or two credits per quarter. Each quarter.
May be repeated.
- 115C. CLASS INSTRUCTION—STRINGS
One credit per quarter, maximum three.
Two class sessions per week. Enrollment limited to eight students per section. Extra fee.
115. INDIVIDUAL INSTRUCTION—STRINGS
One or two credits per quarter. Each quarter.
May be repeated.
- 116C. CLASS INSTRUCTION—VOICE
One credit per quarter, maximum three.
Two class sessions per week. Enrollment limited to eight students per section. Extra fee.
116. INDIVIDUAL INSTRUCTION—VOICE
One or two credits per quarter. Each quarter.
May be repeated.
- 117C. CLASS INSTRUCTION—WOODWINDS
One credit per quarter, maximum three.
Two class sessions per week. Enrollment limited to eight students. Extra fee.
117. INDIVIDUAL INSTRUCTION—WOODWINDS
One or two credits per quarter. Each quarter.
May be repeated.
131. ORATORIO SOCIETY
One-half credit per quarter, maximum two. Autumn and Spring quarters.
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. CHORALE
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
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
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
Two-three credits, according to schedule. Autumn, Winter and Spring quarters.
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.

- 210, 202. MUSIC THEORY III, IV
Four credits per quarter. Autumn and Winter quarters. 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
One credit per quarter. Autumn, Winter and Spring quarters.
Class instruction in piano with particular attention to the needs of the classroom teacher. May be repeated. Extra fee.
233. A CAPPELLA CHOIR
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. MADRIGALS AND MOTETS
One credit, maximum three. Autumn, Winter and Spring quarters. Prerequisite, permission of instructor.
Class meets two periods weekly. May be repeated. A study of the music of the Elizabethan period.
260. SONG LEADERSHIP
Two credits. Autumn, Winter and Spring quarters. Prerequisite, Course 100 or equivalent.
A practical course in the fundamentals of song leadership, beginning with the use of simple hymn tunes.
281. SURVEY OF MUSIC LITERATURE
Two credits. Winter quarter. Prerequisite, Course 180.
Music of the Baroque period. Aural analysis of representative compositions of the period from oratorio, opera, cantata and organ repertoire.
283. SURVEY OF MUSIC LITERATURE
Two credits. Spring quarter. 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
Five credits. Spring quarter. Prerequisite, Course 201.
Counterpoint in two and three parts in the style of J. S. Bach.
311. INDIVIDUAL INSTRUCTION—BRASS
One or two credits per quarter. Each quarter.
May be repeated.
312. INDIVIDUAL INSTRUCTION—ORGAN
One or two credits per quarter. Each quarter.
May be repeated.
314. INDIVIDUAL INSTRUCTION—PIANO
One or two credits per quarter. Each quarter.
May be repeated.
315. INDIVIDUAL INSTRUCTION—STRINGS
One or two credits per quarter. Each quarter.
May be repeated.
316. INDIVIDUAL INSTRUCTION—VOICE
One or two credits per quarter. Each quarter.
May be repeated.

317. **INDIVIDUAL INSTRUCTION—WOODWINDS**
One or two credits per quarter.
 May be repeated.
324. **PIANO TEACHING METHODS**
Two credits. Winter quarter. 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**
One-half credit per quarter. Autumn and Spring quarters.
 Open to students who have earned two credits in Course 131.
332. **CHORALE**
One credit per quarter, maximum six.
 Open to students who have earned six credits in Course 132 or equivalent.
333. **A CAPPELLA CHOIR**
One credit per quarter, maximum six.
 Open to students who have earned six credits in Course 233 or equivalent.
336. **CONCERT BAND**
One credit per quarter, maximum six.
 Open to students who have earned six credits in Course 136 or equivalent.
337. **CHAMBER ORCHESTRA**
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**
Three credits. Autumn and Spring quarters. Prerequisite, Course 100 or equivalent.
 Survey of materials, proper use of the singing voice, development of rhythmic response and training in music reading. Does not apply on a music major.
342. **MUSIC ACTIVITIES IN ELEMENTARY SCHOOLS**
Three credits. Winter quarter. 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**
Three credits. Spring quarter. Prerequisite, Course 341 or 342.
 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.
344. **LISTENING EXPERIENCES FOR THE ELEMENTARY CHILD**
Two and one-half credits. Summer quarter. Prerequisite, Course 100 or equivalent.
 Sources and methods of presentation of music appropriate to the age and experience of the elementary child.
345. **BAND AND ORCHESTRA TECHNIQUES**
Two credits. Winter quarter. Prerequisites, Course 342 and performing ability on a band or orchestral 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**
Two and one-half credits. Summer quarter. 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**
Two and one-half credits. Summer quarter. Prerequisite, Courses 100 and 341, or equivalent.
 Correlating songs, instrumental compositions and rhythms with the language arts of the elementary grades and junior high.

362. **CHORAL CONDUCTING**
Three credits. Spring quarter. 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.
371. **CHRISTIAN HYMNODY**
Three credits. Spring quarter.
 The hymn studied from the standpoint of its history, classification, criticism and effective use in the worship service.
375. **MUSIC AND WORSHIP**
Two credits. Autumn quarter.
 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**
Two credits. Winter quarter. 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.
383. **MUSIC IN THE ROMANTIC ERA**
Three credits. Autumn quarter. 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.
384. **MUSIC IN THE TWENTIETH CENTURY**
Three credits. Winter quarter. 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.
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.
410. **REPERTOIRE**
One credit per quarter, maximum three. Prerequisite, permission of instructor.
 A survey of the teaching and performing repertoire of a particular field. Repertoire classes are available in: a. Piano, b. Voice, c. Strings, d. Choir, e. Band.
- 412R. **SENIOR RECITAL—ORGAN**
Two credits. Prerequisite, permission of music faculty.
- 414R. **SENIOR RECITAL—PIANO**
Two credits. Prerequisite, permission of music faculty.
- 415R. **SENIOR RECITAL—STRINGS**
Two credits. Prerequisite, permission of music faculty.
- 416R. **SENIOR RECITAL—VOICE**
Two credits. Prerequisite, permission of music faculty.
451. **MUSIC EDUCATION WORKSHOP**
Two credits. Summer quarter.
 A study of the techniques, methods and curricula in the teaching of music.

463. INSTRUMENTAL CONDUCTING

Three credits. Winter quarter. Prerequisite, Course 260 and ability to perform on an 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.

487, 488, 489. READINGS IN MUSIC HISTORY

Two credits. Offered as required. Prerequisite, senior standing and permission of the Director of Music.

NOT OFFERED IN 1958-59

282. SURVEY OF MUSIC LITERATURE

Two credits. 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.

284. SURVEY OF MUSIC LITERATURE

Two credits. 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

Two credits.

A survey and analysis of music for organ, choir, and soloists appropriate for use in the church.

378. CHURCH MUSIC ORGANIZATION AND ADMINISTRATION

Two credits.

A study of the music department of the church, its problems and its relationship to the total church program.

380. HISTORY OF AMERICAN MUSIC

Two credits.

A survey of music in America from Colonial times to the present.

382. MUSIC IN THE BAROQUE ERA

Three credits. 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.

401. FORM ANALYSIS

Three credits. Prerequisite, Course 201.

Analysis of intermediate and larger forms of the Classical and Romantic periods.

402. ELEMENTARY COMPOSITION

Three credits. Prerequisite, Course 202.

Vocal and instrumental composition in the smaller homophonic forms.

481. MEDIEVAL AND RENAISSANCE MUSIC

Three credits. 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.

NURSING

Assistant Professor, LYDIA F. GREEN, B.S., R.N.

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

100. PRACTICAL HOME NURSING

Three credits. Offered according to demand.

A course in nursing techniques and care of patients for missionaries, teachers and homemakers. Lectures, discussion and laboratory procedures correlated.

251. ELEMENTARY PHARMACY

Two credits. Winter quarter.

Study of measurements of dosage, methods of administration of medicines, use of drugs in relation to the various systems of the body.

261. PHARMACOLOGY AND THERAPEUTICS

Three credits. Autumn and Spring quarters.

A course dealing with drugs; their sources, uses, characteristics, dosage and untoward reactions.

*291. PRINCIPLES AND PRACTICE OF ELEMENTARY NURSING

Five credits. Autumn and Spring quarters.

Elementary nursing techniques and patients' care. Includes lectures, laboratory periods and supervised hospital practice. For nurses only.

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

PHILOSOPHY

Professor, ELVIS E. COCHRANE

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.

101. INTRODUCTION TO PHILOSOPHY

Five credits. Autumn quarter.

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

Three credits. Spring quarter.

Study of origin and growth of moral life; theories of good and bad, right and wrong. Application of social, political, economic and personal problems.

230. LOGIC AND PERSUASIVE SPEAKING

Three credits. Autumn quarter.

(For description, see Speech 230.)

401. PLATO
Three credits. Spring quarter.
The origin, development and significance of Platonic philosophy as it relates to modern thought and problems. A detailed study of selected writings from Plato.
402. THEISM
Three credits. Spring quarter. Prerequisite, Philosophy 101 and/or 6 credits Bible study.
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.
403. TYPES OF PHILOSOPHY
Three credits. Prerequisites, B average in Junior year and permission of instructor.
Designed especially for Philosophy majors. A course of directed study of types 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.

NOT OFFERED IN 1958-59

- 201, 202, 203. HISTORY OF PHILOSOPHY
Three credits per quarter.
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.
301. PHILOSOPHY OF RELIGION
Three credits.
An examination of relationships between philosophy and religion, especially the basic philosophic assumptions by which is established the validity of religious experience. The problems of God, immortality, evil and personal experience.
302. PERSONALISM
Three credits.
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.
310. EPISTEMOLOGY (THEORY OF KNOWLEDGE)
Three credits. Winter. Prerequisite, Phil. 101, 201, 202.
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.
330. PHILOSOPHY OF SCIENCE
Three credits. Prerequisite, 10 credits in Physics or Philosophy.
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.
405. CHRISTIAN PHILOSOPHY
Three credits. Spring quarter.
A study seeking solutions for many problems of contemporary life upon a distinctively Christian basis; requiring those solutions to be valid, adequate and realizable.
464. PHILOSOPHY OF CHRISTIAN EDUCATION
Three credits.
(For description see Religion 464.)

PHYSICAL EDUCATION AND RECREATION

Associate Professor, VIRGINIA L. HOFFMAN

Assistant Professor, LESTER N. HABEGGER

Instructor, BERNARD E. BUCK

All students are required to 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.

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.

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

100mw. ARCHERY

One credit. Spring quarter.

Fundamentals in handling the bow and arrow. Principles of aim. Target practice.

101mw. BEGINNING BADMINTON

One credit. Fall and Winter quarters.

Rules and terminology, short service, long high service, high clear, drop and net shots; doubles play.

102mw. INTERMEDIATE BADMINTON

One credit. Winter quarter. Prerequisite 101 or permission.

Doubles strategy, forehand and backhand drives, smash, and round-the-head shots.

103mw. BEGINNING BASKETBALL

One credit. Fall and Winter quarters.

Development of fundamental skills; passing, catching, dribbling, stopping, starting, changing direction, and shooting.

104m. INTERMEDIATE BASKETBALL

One credit. Winter quarter. Prerequisite 103 or permission.

Techniques of team play. Strategy and rules.

105mw. BODY MECHANICS

One credit. Fall, Winter and Spring quarters.

Conditioning for agility, coordination, endurance, flexibility and strength. Techniques of efficient body mechanics, e.g., walking, running, sitting, carrying, posture.

106mw. BOWLING

One credit. Spring quarter.

Fundamentals and techniques of individual and team play.

107mw. GOLF

One credit. Spring quarter.

Practice in the grip, stance and use of various clubs. Course etiquette and rules.

108m. BEGINNING TUMBLING AND GYMNASTICS

One credit. Fall quarter.

Development of tumbling skills involving rolls, springs and balances. Trampoline fundamentals, body control, bouncing and drops. Side horse vaulting.

108w. BEGINNING TUMBLING (women)

One credit. Fall and Winter quarters.

Individual partner, and group walks, rolls, dives, balances, springs, combinations of stunts, pyramids, and demonstrations.

- 109m. INTERMEDIATE GYMNASTICS AND APPARATUS
One credit. Winter quarter. Prerequisite 108m. or permission.
Advanced trampoline skills, twists, somersaults and swing time. Mounts, dismounts and elementary skills on horizontal bar, parallel bars and rings.
- 109w. INTERMEDIATE TUMBLING (women)
One credit. Winter quarter. Prerequisite 108w or permission.
Advanced tumbling skills, Trampoline fundamentals, body control, bounces, drops, landings, twists, and somersaults.
- 112mw. SOFTBALL
One credit. Spring quarter.
Fundamentals and techniques of team play. Rules and strategy.
- 113mw. SPEEDBALL
One credit. Spring quarter.
Team game combining basketball and soccer. Catching, passing, kicking, trapping, volleying, guarding, fielding, tackling, offensive and defensive tactics. Rules and strategy.
- 114mw. BEGINNING SWIMMING
One credit. Fall, Winter and Spring quarters.
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
One credit. Fall, Winter quarters. Prerequisite 114 or permission.
Breathing, bobbing, treading water, front crawl, elementary back strokes, running front dive.
- 116mw. HIGH—INTERMEDIATE SWIMMING
One credit. Spring quarter. 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
One credit. Spring quarter. 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
One credit. Spring quarter.
Rules and terminology, forehand drive, backhand drive, serve and doubles play.
- 119mw. INTERMEDIATE TENNIS
One credit. Spring quarter. Prerequisite 118 or permission.
Doubles strategy; improve forehand and backhand drives and serve; volley and lob.
- 120m. TOUCH FOOTBALL
One credit. Fall quarter.
Fundamentals of individual and team play. Rules and strategy.
- 121m. TRACK AND FIELD
One credit. Spring quarter.
Fundamentals in starting, sprinting and distance running. Techniques in field events including jumping, vaulting and weights.
- 122mw. VOLLEYBALL
One credit. Fall quarter.
Fundamentals of individual and team play. Rules and strategy.
- 123m. BEGINNING WRESTLING
One credit. Fall and Winter quarters.
Fundamentals of attack and defense. Rules of amateur wrestling.

- 124m. INTERMEDIATE WRESTLING
One credit. Fall and Winter quarters.
Direct and indirect take downs, reverses, spins and hold downs. Pinning holds.
- 150m. VARSITY ATHLETICS
One credit. Fall, Winter and Spring quarters.
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
Three credits. Autumn quarter.
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
Three credits. Autumn, Winter and Spring quarters.
A personal approach to personal health needs and interests, social and community health problems.
212. LIFE SAVING
Two credits. Winter and Spring quarters. Prerequisite P. E. 117 or permission.
Red Cross Course.
225. CAMP LEADERSHIP
Three credits. Spring quarter.
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 TEACHING INDIVIDUAL SPORTS
Three credits. Prerequisite 100, 101, 107, 118.
Techniques, demonstrations, lesson plans for archery, badminton, bowling, golf and tennis.
305. ELEMENTARY SCHOOL HEALTH AND PHYSICAL EDUCATION
Three credits. Autumn, Winter, Spring quarters.
Educational procedures including philosophy, aims, objectives, characteristics of children. Planning the program including areas of experience, integration, lesson planning, class organization, participation in activities, special events, and evaluation.
312. WATER SAFETY INSTRUCTION
Two credits. Spring quarter. Prerequisite 212 or permission.
Red Cross course.
322. PHYSIOLOGY OF MUSCULAR EXERCISE
Three credits. 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
Three credits.
Social, biological and educational foundations. The place of physical education in the school program.
- 341w. METHODS IN TEACHING TEAM SPORTS FOR GIRLS AND WOMEN
Three credits. Winter quarter.
Techniques, demonstrations, procedures, officiating, testing and lesson planning in basketball, softball, speedball and volleyball.

360. METHODS IN COACHING TRACK AND FIELD
Three credits. Spring quarter. By permission.
361. METHODS IN COACHING BASKETBALL
Three credits. Autumn quarter. By permission.
395. ADVANCED METHODS IN PHYSICAL EDUCATION
One credit. Autumn, Winter and Spring quarters.
Methods in classroom procedure and in organizing activities.
405. SECONDARY SCHOOL HEALTH AND PHYSICAL EDUCATION
Three credits. Autumn quarter. Prerequisite: 9 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
Three credits. Spring quarter. Prerequisite: Student teaching experience.
Advanced study of specific problems of method and curriculum.
468. WORKSHOP IN PLAYGROUND ACTIVITIES
Two credits. Summer quarter.
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
Two credits. Summer quarter.
Administration of Social Recreation. Planning and conducting social activities for home, school, church, camp and community.
472. OUTDOOR EDUCATION
Two credits. Summer quarter.
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 including 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
One credit. Autumn, Winter and Spring quarters. Prerequisite, P. E. 395, Senior standing and/or permission.
Assisting in the organization, teaching and evaluation of activity classes.
- NOT OFFERED IN 1958-59
216. FIRST AID AND SAFETY
Three credits.
Satisfies Standard and Advanced American Red Cross First Aid certification.
296. RECREATIONAL LEADERSHIP
Three credits.
Philosophy of leisure and recreation. Leadership techniques, methods and materials in planning and participating in recreational activities for home, school, church, camp and community.
335. KINESIOLOGY AND BODY MECHANICS
Five credits. Prerequisite, Zoology 229-230.
Analysis of leverage in body movement and problems of readjustment in relation to body mechanics and to physical education activities.

362. METHODS IN TEACHING BASEBALL
Three credits.
363. METHODS IN TEACHING FOOTBALL
Three credits.
450. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION
Three credits.
465. TESTS AND MEASUREMENTS
Three credits.
Measurement and evaluation in physical education through selection and administration of tests and interpretation of their results.

PHYSICS

Professor, O. M. MILLER

Assistant Professor, D. D. KERLEE

Instructor, O. KARL KRIENKE

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 science and an acquaintance with their many applications is one of the aims of this 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 or be ready to take Calculus.

A total of forty-two credits in the department are required of Physics majors. At least twenty-seven 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 of Engineering. This major must be begun in the freshman 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 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.

101, 102, 103. GENERAL PHYSICS

Five credits per quarter. Autumn, Winter and Spring quarters. 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

Five credits. Winter quarter.

An introduction to elementary Physics designed to aid the student better to understand the many applications of this science in his daily environment. Many demonstration experiments. Of maximum value to those not majoring in Science. Does not count toward a major in Physics.

170. PHYSICS FOR NURSES
Five credits. Winter quarter.
An introduction course in elementary Physics designed for students in nursing and home economics. Special emphasis is placed upon the applications of Physics in the field of nursing and in the home. Four lecture periods and one two-hour laboratory session each week.
- 201, 202, 203. PHYSICS FOR ENGINEERS
Five credits per quarter. Autumn, Winter and Spring quarters. Course 201 prerequisite to 202; 202 prerequisite to 203. Not open to students who have taken 101, 102, 103.
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.
- 321, 322. INTRODUCTION TO ATOMIC PHYSICS
Three credits per quarter. Autumn and Winter quarters. Prerequisite 103, Chemistry 111, Mathematics 321.
An introductory study of the modern physical theories of the structure of the atom, nature of light, radioactivity, and atomic energy. Required of all Physics majors.
- 341, 342, 343. EXPERIMENTAL PHYSICS
Two credits per quarter. Prerequisite fifteen credits in Physics and grade score of 3.50 in Physics.
Content adapted to the individual needs and interests of the student. More advanced experiments and the solving of more advanced problems than those in the general courses.
351. PROPERTIES OF MATTER
Five credits. Fall quarter. Prerequisite Physics 103 or 203 and concurrent with Calculus.
Equilibrium and non-equilibrium properties of gases, liquids, and solids from macroscopic and microscopic viewpoints.
360. OPTICS
Five credits. Prerequisite Physics 103, Mathematics 321. Spring quarter.
A study of the theories and phenomena of light, and of the instruments with which these phenomena are observed. Four lecture periods and one two-hour laboratory session each week.
391. MECHANICS
Five credits. Autumn quarter. Prerequisite Physics 103, Mathematics 321.
A study of the mechanics of translation and rotation, elasticity, harmonic motion, hydro-dynamics and vibration.
- 481, 482. INTRODUCTION TO MATHEMATICAL PHYSICS
Five credits per quarter. Winter and Spring quarters. Prerequisite Physics 391 and Mathematics 323.
Applications of vector analysis, coordinate transformations, types of fields, special solutions of field equations, variational principles and fields, boundary value problems of physics.
499. UNDERGRADUATE RESEARCH
Two credits. Prerequisite, thirty credits in Physics and grade score of 3.50.
Supervised individual research on the undergraduate level. Designed for senior Physics majors.
- NOT OFFERED IN 1958-59
131. DESCRIPTIVE ASTRONOMY
Five credits.
A study of the heavenly bodies and the laws controlling them. Students learn to recognize the principal stars and constellations in occasional evening meetings which supplement the regular class sessions. A ten-inch reflecting telescope is available for class use.

- 141, 142. ELEMENTARY RADIO
Three credits per quarter. Course 141 or the equivalent prerequisite to 142.
A practical course in the fundamentals and theory of radio communication. Does not count toward a major in Physics. Two lecture periods and one two-hour laboratory session each week.
180. ELEMENTARY PHOTOGRAPHY
Three credits.
Principles and practice of elementary photographic processes. Laboratory experience in fundamental photographic procedure. Students provide own cameras and pay for darkroom materials and film.
324. ELECTRIC CIRCUITS
Five credits.
A study of D.C. and A.C. circuits and vacuum tube circuits, solid state devices and their applications in communication and other industries.
- 325, 326. ELECTRICITY AND MAGNETISM
Four credits per quarter. Prerequisite Course 103, Mathematics 321.
An elementary course in the general principles and theory of electricity and its applications. Three lecture periods and one two-hour laboratory session each week.
423. INTRODUCTORY NUCLEAR PHYSICS
Five credits. 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. Four lecture periods and one two-hour laboratory session each week.

POLITICAL SCIENCE

Professor, F. WESLEY WALLS

Requirements for a Major: Students majoring in Political Science are required to earn at least forty-five credits in the department, twenty of which must be in upper division courses. Each student must include in his schedule Political Science 100.

Those majoring in Political Science should design their program to include one course in each of the following divisions: Political Theory, Comparative Government, International Organization or Relations, Public Administration, and American Constitution.

It is recommended that students support their work in Political Science by taking electives in History and Philosophy. Courses in American History, English History, and History of Philosophy are particularly recommended.

100. AMERICAN GOVERNMENT
Five credits. Autumn and Spring quarters.
A study of the principles of American government, historical background, practices, and procedures of operation.
220. COMPARATIVE GOVERNMENT
Five credits. Winter quarter.
A study of democratic governments compared and contrasted to totalitarian governments. Particular attention is devoted to a study of the governments of Great Britain, France and Russia.
230. INTERNATIONAL RELATIONS
Five credits. Spring quarter.
Principles of international relations, present-day methods by which affairs are conducted between states.
332. AMERICAN FOREIGN POLICY—20th CENTURY
Two and one-half credits. Summer quarter.
A survey of American foreign policies from 1900 to the present. Particular attention is given to the post-World War II period.

335. INTERNATIONAL ORGANIZATION AND ADMINISTRATION
Five credits. Winter quarter.
A survey of the development of international organizations with particular attention to the United Nations; practices and procedures of international conferences.
350. POLITICAL PARTIES AND ELECTIONS
Five credits. Autumn quarter.
Growth of the American party system, political campaigns, election methods and practices.
370. PUBLIC ADMINISTRATION
Five credits. Winter quarter.
A consideration of administrative principles, formulation of policy, organizational problems.
440. HISTORY OF POLITICAL THOUGHT
Five credits. Autumn quarter.
A study of the major political concepts from ancient to modern times.
448. AMERICAN CONSTITUTIONAL DEVELOPMENT
Five credits. Spring quarter.
A study of the American constitution by means of case studies, nature of the federal union, taxation, commerce, contract, citizenship.
485. AMERICAN POLITICAL HERITAGE
Two and one-half credits. Summer quarter.
A study of basic ideas in American democratic society. An emphasis is placed upon the writings which reveal basic democratic principles. Especially recommended for teachers in the Social Studies.
490. READINGS IN POLITICAL SCIENCE
Two credits each quarter. Autumn, Winter, and Spring quarters.
Directed reading available to majors in the department. Designed to develop a wider acquaintance with the literature in the various divisions of Political Science.

NOT OFFERED IN 1958-1959

365. MUNICIPAL GOVERNMENT AND ADMINISTRATION
Five credits.
A study of the form and function of city government, methods and problems of organization and administration in modern municipalities.
366. STATE AND LOCAL GOVERNMENT
Five credits.
A consideration of the structure, function, and procedure in state and local government. Particular attention is devoted to the State of Washington.

PSYCHOLOGY

Professor, PHILIP F. ASHTON
Associate Professor, ELMER B. SIEBRECHT
Associate Professor, C. MELVIN FOREMAN
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.

100. GENERAL PSYCHOLOGY
Five credits. Autumn, Winter and Spring quarters.
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.
101. PSYCHOLOGY OF ADJUSTMENT
Five credits. Spring quarter.
Nature of personality and ways in which personalities are formed in adjusting to the world.
267. MENTAL HYGIENE
Two credits. Winter quarter.
A survey of the development of personality and a consideration of minor emotional problems in children and adults. Not open to students who have taken Psychology 101.
305. ABNORMAL PSYCHOLOGY
Five credits. Autumn quarter. Prerequisite, Psych. 100 and 101.
A critical analysis of the field of mental abnormality and disease, with special reference to various modern methods of therapy.
306. CHILD GROWTH AND DEVELOPMENT
Five credits. Autumn and Spring quarters.
(For description, see Educ. 306.)
320. DIRECTED OBSERVATION OF CHILD BEHAVIOR
Two credits. Spring quarter.
Analysis of developmental trends and age level expectancies of the pre-school-age child with interpretations of typical behavior manifestations.
335. INDUSTRIAL PSYCHOLOGY.
Three credits. Offered according to demand.
Applications of psychological principles and methods of investigation to problems of industrial relations, employer selection, training, and motivation.
401. HISTORY OF PSYCHOLOGY
Three credits. Offered according to demand.
The experimental and theoretical background of modern psychology, especially in the nineteenth century.
402. MODERN VIEWPOINTS IN PSYCHOLOGY
Three credits. Offered according to demand.
The theoretical and experimental basis for structuralism, behaviorism, Freudianism and Gestalt.
435. COUNSELING AND INTERVIEWING
Two and one-half credits. Summer quarter.
Methods of securing information in the interview concerning an individual's personal problems, and interviewing procedures for helping the individual solve his problems.
444. PSYCHOLOGY OF EXCEPTIONAL CHILDREN
Two and one-half credits. Summer quarter.
Behavior patterns of exceptional children, such as the mentally retarded, the physically handicapped, and superior children. Prerequisite 100, 101 and 306.
492. READINGS IN PSYCHOLOGY
Two credits. Prerequisite, permission.
Reading in special interest areas under supervision of staff members.
495. RECENT PSYCHOLOGICAL LITERATURE
Three credits. Prerequisite, Major status.
The course is planned to familiarize the student with recent research and writings in the field of psychology.

NOT OFFERED IN 1958-1959

231. **STATISTICAL METHOD**
Five credits.
Description of data in terms of averages, measures of variability, and measures of relationships; problems of prediction; frequency distributions and elementary sampling theory.
340. **GROUP BEHAVIOR**
Five credits.
(For description, see Soc. 340.)
400. **PSYCHOLOGY OF LEARNING**
Five credits.
Theories and experimental research in the field of human learning. Prerequisite, Psychology 231.
407. **PSYCHOLOGY OF ADOLESCENCE**
Two and one-half credits.
A survey of the physical and personality development of the adolescent. Prerequisite, 306.
413. **PUPIL GROWTH AND EVALUATION**
Two and one-half credits.
(For description, see Educ. 413.)

RELIGION*Professor, ELVIS E. COCHRANE**Professor, E. WALTER HELSEL**Professor, WINIFRED E. WETER**Associate Professor, JOSEPH L. DAVIS**Associate Professor, DONALD E. DEMARAY**Assistant Professor, GAIL M. KISER*

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

Biblical Studies

101. **OLD TESTAMENT SURVEY**
Three credits. Autumn quarter.
Same as Course 102 except for the Old Testament.
102. **NEW TESTAMENT SURVEY**
Three credits. Winter quarter.
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**
Three credits. Autumn and Spring quarters.
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**
Three credits. Spring quarter.
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**
Three credits. Autumn quarter.
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**
Three credits. Spring quarter.
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 BY MATTHEW**
Three credits. Winter quarter.
A mastery of this gospel and its several parts in relation to one another and to the narrative as a whole is required. Historical and interpretative reading.
204. **STUDIES IN THE GOSPEL OF LUKE**
Three credits. Winter quarter.
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**
Three credits. Winter quarter.
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**
Three credits. Winter quarter. Prerequisite, study of one of the Gospels.
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**
Two credits. Spring quarter.
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.
308. **ROMANS**
Three credits. Autumn quarter.
(For description, see 308 under Theology.)
401. **OLD TESTAMENT BOOK STUDIES I**
Five credits. Autumn quarter. Prerequisites, Capital Course 101 or six credits of Bible study.
A study of the Old Testament books 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**
Five credits. Winter quarter.
A study of Old Testament books from Judges to Esther. Same in method and prerequisite as 401.
403. **ISAIAH**
Three credits. Spring quarter. Prerequisite, 6 credits of Bible study.
A study of Isaiah, the man and the message of the book. Special attention is given to the Messianic theme of the book.

404. **THE GOSPEL OF JOHN**
Five credits. Autumn quarter. Prerequisite, 6 credits of Bible study.
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**
Five credits. Spring quarter. Prerequisite 6 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 that of the book-study method.
563. **INTRODUCTION TO GRADUATE STUDY IN RELIGION**
Two credits. Autumn quarter.
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.
- 597-98-99. **THESIS**
Three credits each quarter.
- NOT OFFERED IN 1958-1959
305. **THE EPISTLES OF PETER AND JOHN**
Two credits.
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.
306. **REVELATION**
Three credits.
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.
307. **WISDOM LITERATURE**
Two credits.
The literature and philosophy of the Hebrews, as reflected in Job, Proverbs, Ecclesiastes and Song of Solomon.
407. **EPISTLES OF PHILIPPIANS AND COLOSSIANS**
Two credits.
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.
410. **PRINCIPLES OF BIBLE INTERPRETATION**
Two credits.
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, how to interpret prophecy, and how to interpret parables.
501. **OLD TESTAMENT INTRODUCTION**
Five credits. Prerequisite, 6 credits of undergraduate O.T.
A critical study of the formation of the Old Testament canon. Investigation of authorship and date for each book.
502. **NEW TESTAMENT INTRODUCTION**
Five credits. Prerequisite, 6 credits of undergraduate N.T.
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**
Three credits. Prerequisite, 6 credits of undergraduate O.T.
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**
Three credits.
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**
Two credits.
Detailed exegesis, with related historical and theological studies.

Theology

220. **BASIC CHRISTIAN BELIEFS**
Three credits. Spring quarter.
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**
Three credits. Autumn quarter. Prerequisite, 6 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.
408. **THEISM**
Three credits. Spring quarter. Prerequisite, Philosophy 101 and/or 6 credits Bible study.
(For description see Philosophy 408.)
422. **BIBLE DOCTRINE OF HOLINESS**
Five credits. Winter quarter.
A thorough investigation of the Bible doctrine, finding evidence, both scriptural and experiential, 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**
Three credits. Winter quarter.
A study of the men, ideas, schools and literature of the contemporary theological revival.
- NOT OFFERED IN 1958-1959
- 420, 421. **SYSTEMATIC THEOLOGY**
Five credits.
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 judgement, the future state, the evidence of Christianity, the moral of Christianity, the Sabbath, baptism, and the Lord's Supper. Unit course.

Historical Field

202. **NEW TESTAMENT BACKGROUNDS**
Three credits. Spring quarter.
(See description under Biblical Studies.)

340. HISTORY OF THE CHRISTIAN CHURCH
Five credits. Winter quarter.
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.
341. CHURCH HISTORY OF THE UNITED STATES
Three credits. Autumn quarter.
A course designed to investigate the origin, development, and progress of the Christian Church in America. Research projects on significant religious leaders and movements.
413. RENAISSANCE AND REFORMATION
(For description, see History 413.)
480. RELIGIONS OF THE WORLD
Three credits. Autumn quarter.
(See description under Missions.)
541. HISTORICAL THEOLOGY
Five credits. Spring quarter. Prerequisite, Rel. 220 and 340, or equivalent.
A study of the progressive development of Christian thought in its ecclesiastical setting.

NOT OFFERED IN 1958-1959

310. HISTORICAL GEOGRAPHY OF BIBLE LANDS
Three credits.
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.
342. HISTORY OF METHODISM
Three credits.
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
Three credits.
Attention is given to the origin, progress and fallacies of such movements as Adventism, Christian Science, Mormonism, Spiritualism, Theosophy, etc.

Practical Field

164. PERSONAL EVANGELISM
Two credits. Winter quarter.
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.
165. INTRODUCTION TO THE FREE METHODIST CHURCH
Two credits. Spring quarter.
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.
260. INTRODUCTION TO CHRISTIAN EDUCATION
Three credits. Autumn quarter.
Survey of the field of Christian Education with special emphasis given to its history, principles, methods and administration.
261. SERMON PREPARATION
Five credits. Autumn quarter.
Consideration is given to the principles of preaching. The inductive method is employed, using a variety of noted sermons as laboratory material.

262. CHRISTIAN ART
Two credits. Spring quarter.
A study of religious paintings and arranging material for use in Christian services.
347. INTERPRETIVE READING OF THE BIBLE
Three credits. Winter quarter.
(For description, see Speech 347.)
460. CHRISTIAN EDUCATION OF YOUTH
Three credits. Spring quarter.
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
Two credits. Winter quarter.
A study of the organization and administration of the various church programs for Christian education, including the Sunday School and the Vacation Bible School.
563. INTRODUCTION TO GRADUATE STUDY
Two credits. Autumn quarter.
Required of all graduate students in School of Religion.

NOT OFFERED IN 1958-1959

360. CHRISTIAN EDUCATION OF CHILDREN
Three credits.
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.
362. AUDIO VISUAL METHODS
Five credits.
363. WEEK-DAY AND VACATION BIBLE SCHOOL
Two credits.
A thorough study of the history, principles, program and administration of each of these two specific areas of Christian Education Work.
- 462, 463. DIRECTED TEACHING IN THE CHURCH SCHOOL
Two credits. Open only to Christian Education Majors in their Junior or Senior year.
A course in which the student does actual teaching in a special Church School under the supervision of trained teachers. Each student receives practical experience in the various phases of Church School work, including lesson selection, preparation and planning, administration, visitation, program planning and direction.
464. PHILOSOPHY OF CHRISTIAN EDUCATION
Three credits.
An examination of the basic religious needs of the growing personality, relating them to the provisions of the Christian Faith.

Missions

180. INTRODUCTION TO CHRISTIAN MISSIONS
Five credits. Autumn quarter.
The Bible Basis of missions; the missionary motive, objective, call; qualifications and preparation of the missionary candidate; 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 THE EXPANSION OF CHRISTIANITY
Five credits. Winter quarter.

380. MISSIONARY METHODS

Two credits. Winter quarter.

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

Five credits. Autumn quarter.

A study of the major non-Christian religions, their origin, development, nature, doctrine, and literature.

490. PROBLEMS OF MODERN MISSIONS

Five credits. Spring quarter.

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 establishing 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.

580. LIFE AND WORK OF THE YOUNGER CHURCHES

Five credits. Spring quarter.

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.

597, 598, 599. THESIS

Three credits each quarter.

NOT OFFERED IN 1958-1959

484. ROMAN CATHOLICISM

Five credits. Winter quarter.

The development of the organization, beliefs, worship, and practices of the Roman Catholic church.

495. THE CHRISTIAN APPROACH TO NON-CHRISTIAN RELIGIONS

Three credits. Winter quarter. Prerequisite, Rel. 480. Also upper division Theology and Philosophy.

An inquiry into the basic philosophy of missions, treating such problems as general and specific revelation, continuity, adaptation and approach.

SIGN LANGUAGE

Instructor, FLORENCE I. JORDAN

100. DACTYLOLOGY, ELEMENTARY SIGN LANGUAGE

One credit per quarter. Night class. Autumn, Winter, Spring quarters.

Three credits are equivalent to one quarter of Course 150.

150. DACTYLOLOGY, ELEMENTARY SIGN LANGUAGE

Three credits per quarter. Autumn, Winter, Spring quarters.

Language of "How to talk with the deaf," or gestures, expressions, impersonations, pantomime and acting.

151. ADVANCED SIGN LANGUAGE

Three credits per quarter. Autumn, Winter, Spring quarters.

How to interpret for the deaf. Interpreting selections. Advanced conversational sign language.

152. ADVANCED INTERPRETATION

Two credits per quarter. Autumn, Winter and Spring quarters.

350. RELIGIOUS AND LEGAL INTERPRETATION

Two credits. Autumn, Winter and Spring quarters.

SOCIOLOGY

Associate 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.

110. SURVEY OF SOCIOLOGY

Five credits. Autumn and Spring quarters.

Basic principles for understanding social relationships.

210. PRE-LITERATE SOCIETY

Three credits. Winter quarter.

Designed to acquaint the student with types of the material and non-material culture of pre-literate peoples — their social organization, folklore, ethical and religious concepts.

270. SURVEY OF CONTEMPORARY SOCIAL PROBLEMS

Five credits. Winter quarter.

Analysis of processes of social and personal disorganization and reorganization in relation to poverty, crime, suicide, family disorganization, mental disorders and similar social problems.

310. PRINCIPLES OF SOCIOLOGY

Five credits. Winter quarter.

Fundamental concepts and empirical findings in the field of Sociology. Not open to students who have completed Soc. 110.

352. THE FAMILY

Five credits. Winter quarter.

The family as a social institution; personality development within the family; marriage adjustment; changing family patterns; disorganization and reorganization.

371. CRIMINOLOGY

Five credits. Autumn quarter.

Individual and social factors in delinquency; history and methods of criminal justice. Field trips to local penal institutions.

430. HUMAN ECOLOGY

Five credits. Spring quarter.

Factors and forces which determine the distribution of people and institutions.

431. METHODS OF SOCIAL RESEARCH

Three credits. Spring quarter.

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.

472. JUVENILE DELINQUENCY

Five credits. Summer quarter.

Family and community backgrounds; institutional treatment; juvenile court and probation; programs of prevention.

NOT OFFERED IN 1958-1959

231. SOCIAL STATISTICS
Five credits.
Methods and sources for quantitative investigation.
340. COLLECTIVE BEHAVIOR
Five credits.
The social psychology of organized and unorganized social movements, mobs, crowds, masses, fashions. Voluntary and compulsory associations; their leadership, social composition, organization and tactics.
362. RACE RELATIONS
Five credits.
Study of interracial contacts and conflicts.
390. SOCIAL CHANGE
Three credits.
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
Three credits.
Comparative analysis and critical evaluation of concepts, hypotheses, techniques and results of research on small groups.
442. PUBLIC OPINION
Five credits.
A study of the factors involved in the formation of public opinion; propaganda analysis; agencies of mass impression; opinion measurements; and the role of leadership.

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 at 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

Five credits per quarter. Autumn, Winter, Spring quarters.

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

Three credits per quarter. Autumn, Winter, Spring quarters. Prerequisite, Spanish 103 or four semesters in high school or equivalent.

Functional grammar, composition and modern texts.

- 210, 211. ELEMENTARY SPANISH CONVERSATION
Two credits per quarter. Autumn and Winter quarters. 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
Two credits. Spring quarter. Prerequisite, 206, which may be taken concurrently.
An introduction to modern writers with emphasis on acquisition of an extensive vocabulary.
- 301, 302, 303. ADVANCED COMPOSITION AND CONVERSATION
Three credits per quarter. Prerequisite, Spanish 206 or equivalent.
Basic grammar study with composition and conversation based on textual selections for mastery of vocabulary and idioms.
- 307, 308, 309. ADVANCED READING
Two credits per quarter. Prerequisite 206 or equivalent.
Intensive reading of prose and drama in either the Peninsular or Spanish American Literature.
- 441, 442, 443. SPANISH DRAMA
Three credits. Prerequisite, Spanish 206 or equivalent.
A study of the major Golden Age and modern dramatists.
390. READING AND CONFERENCE
One to three credits. Prerequisite, permission of instructor.
Reading in areas of special need. Offered according to demand.
- NOT OFFERED IN 1958-1959
- 311, 312, 313. ADVANCED COMPOSITION AND CONVERSATION
Two credits per quarter. Autumn, Winter, Spring quarters. 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
Three credits per quarter. Autumn, Winter, Spring quarters. Prerequisite, Spanish 212 or permission of instructor.
Spanish literature from earliest times to the present.

SPEECH

Associate Professor, PAUL F. ROSSER

Instructor, GLYNDON D. RILEY

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 direct students toward 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 applicable toward a Speech major.

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, 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, 427, 435 or 490.

100. **FUNDAMENTALS OF SPEAKING**
Three credits. Autumn, Winter, Spring and Summer quarters.
 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 which it is required.
101. **FUNDAMENTALS OF PUBLIC SPEAKING**
Three credits. Winter and Spring quarters.
 This course is a continuation of Speech 100 with attention given to the 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.
107. **SPEECH FOR FOREIGN STUDENTS**
Two credits. Autumn quarter.
 A course for student from non-English language backgrounds. Group and individual training to improve vocabulary, pronunciation and understanding of spoken English.
110. **THE SPEAKING VOICE**
Three credits. Winter quarter.
 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**
Two credits. Autumn and Winter quarters.
 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**
Three credits. Autumn quarter.
 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**
Two credits. Autumn quarter.
 A workshop course in the cooperative solving of problems through group deliberation utilizing oral discourse methods. Training experience is given for leadership and participation in discussion.
230. **LOGIC AND PERSUASIVE SPEAKING**
Three credits. Autumn quarter.
 Study and application of persuasive elements 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**
Three credits. Winter quarter.
 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 as practical training in group chairmanship.
- 240, 241, 242. **INDIVIDUAL INSTRUCTION IN SPEECH**
Two credits. Autumn, Winter and Spring quarters.
 The purpose of this course is to prepare the student for teaching and recital work in the Speech field.

260. **RADIO SPEECH**
Three credits. Spring quarter. 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**
Three credits. Winter quarter.
 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**
Four credits. Winter, Spring and Summer quarters.
 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**
Three credits. Spring quarter. 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**
Three credits. Spring quarter.
 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**
Two credits. Autumn, Winter quarters.
 Special conference sections for members of the Forensic squad.
- 340, 341, 342. **INDIVIDUAL INSTRUCTION IN SPEECH**
One to three credits. Autumn, Winter and Spring quarters.
 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.
347. **ORAL INTERPRETATIVE READING OF THE BIBLE**
Three credits. Winter quarter.
 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**
One credit. Spring quarter. Prerequisite 260 or permission.
 Offered according to demand.
427. **CONFERENCE LEADERSHIP**
Five credits. Summer quarter.
 Acquainting the student with conference techniques and developing the ability to work with people in group solution of problems. How to get things done in conference, understanding of human relationships involved, and application of pleasing personality traits in this important phase of leadership training.
428. **SURVEY OF CLASSICAL RHETORIC**
Five credits. Autumn quarter.
 Tracing the roots of rhetoric in sketches of Aristotle, Plato and Cicero with their contributions to the field of public speaking.

435. HISTORIC AMERICAN SPEECHES
Three credits. Winter quarter.
A study of selected speeches in American history. Analysis is made of the Speech through study of the occasion, the speaker, and the effect on contemporary affairs.
490. SPEECH FOR HANDICAPPED SCHOOL CHILDREN
Five credits. Autumn quarter.
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. Also of value to ministers and others using the voice as a major aspect of their profession. Open to Speech majors of junior standing.
491. CLINICAL TRAINING IN SPEECH CORRECTION
One or two credits. Winter or Spring quarters.
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.
Three credits.
Offered according to demand.
- NOT OFFERED 1958-59
143. CHORAL SPEAKING CHOIR
Two credits. 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.
330. ADVANCED ARGUMENTATION
Three credits.
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
Three credits.
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
Two credits.
A study of the principles of Parliamentary Law with class practices in procedure.
345. ADVANCED ORAL INTERPRETATION
Two credits. Spring quarter.
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
Two credits.
A lecture course dealing with the structure and function for speech of the human larynx and ear.
425. SPEECH HELPS FOR COLLEGE STUDENTS
Five credits.
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.

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. For majors planning to do graduate work, one year of college chemistry, a college course in algebra, and a reading knowledge of German or French are highly recommended.

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.

101. GENERAL ZOOLOGY
Five credits. Winter quarter.
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
Five credits. Spring quarter. Prerequisite, Course 101.
A survey of animal groups, including invertebrate phyla and the chordates. Three lecture periods and two two-period laboratory sessions per week.
116. SURVEY OF BIOLOGICAL SCIENCES (ZOOLOGY)
Two and one-half credits. Summer quarter.
An introduction to the biological sciences, with emphasis on Zoology. Designed for non-majors. Five class periods per week for one term.
- 229, 230. ANATOMY AND PHYSIOLOGY
Five or six credits per quarter. Autumn and Winter quarters.
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.
303. HISTOLOGY
Five credits. Spring quarter. Prerequisite, Course 101 and 102 or equivalent.
Study of vertebrate tissues and microtechnique. Three lecture periods and two two-period laboratory sessions per week.
321. VERTEBRATE EMBRYOLOGY
Five credits. Autumn quarter. 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
Three credits. Autumn quarter. Prerequisite, Courses 229 and 230.
For description of Course, see P. E. 322.
340. IMMUNOLOGY AND SEROLOGY
Five credits. Spring quarter. Prerequisite, Bact. 100.
For description of course, see Bact. 340.
471. GENETICS AND EUGENICS
Two and one-half credits. Summer quarter. 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.

486. WORKSHOP TODAY AND SCIENCE

Five credits. Summer quarter. Prerequisite, Basic science requirement satisfied.

A practical 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

One to five credits. Spring quarter. Prerequisite, permission of the staff.

For description of course, see Microbiology 495.

NOT OFFERED IN 1958-59

115. SURVEY OF BIOLOGICAL SCIENCES (BOTANY)

Two and one-half credits.

An introduction to the biological sciences, with emphasis on Botany and Microbiology. Designed for non-majors. Five class periods per week for one term.

310. ECOLOGY

Five credits. 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.

330. NATURAL HISTORY OF INVERTEBRATES

Five credits. 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

Five credits. 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.

411. BIOLOGICAL SCIENCE FOR THE PUBLIC SCHOOLS

Two and one-half credits. Prerequisite, Course 101, 102 or equivalent.

Emphasizes effective teaching techniques in the areas of biological facts and concepts. Provides guidance for the development of a positive response by school children to their world of plant and animal life. Five class periods per week for one term.

435. VIROLOGY

Three credits. Prerequisite, Course 101, or Microbiology 100.

For description of course, see Microbiology 435.

455. PARASITOLOGY

Five credits. Prerequisite, Course 101 or 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.

ENROLLMENT STATISTICS

1956 - 57

	MEN	WOMEN	TOTAL
AUTUMN QUARTER 1956			
Freshmen	177	147	324
Sophomore	147	117	264
Junior	96	90	186
Senior	82	83	165
Graduate	41	46	87
Unclassified	6	3	9
Special	3	0	3
Total	552	486	1,038
WINTER QUARTER 1957			
Freshmen	166	136	302
Sophomore	131	116	247
Junior	104	89	193
Senior	82	90	172
Graduate	35	67	102
Unclassified	7	4	11
Special	3	0	3
Total	528	502	1,030
SPRING 1957			
Freshmen	141	118	259
Sophomore	109	101	210
Junior	111	102	213
Senior	84	83	167
Graduate	35	60	95
Unclassified	6	3	9
Special	2	0	2
Total	488	467	955
ACADEMIC YEAR SUMMARY (Three Quarters 1956-57)			
Collegiate Enrollment	635	611	1,246
Special Music	20	42	62
Total	655	653	1,308
SUMMER QUARTER 1956			
Freshmen	9	8	17
Sophomore	8	10	18
Junior	22	46	69
Senior	49	96	145
Graduate	46	128	173
Unclassified	1	2	3
Collegiate Enrollment	135	290	425
Special Music	8	14	22
Total	143	304	447
COLLEGIATE SUMMARY (Four Quarters 1956-57)			
Collegiate (Academic Year)	635	611	1,246
Collegiate (Summer Session)	135	290	425
Total	770	901	1,671

Less Duplicates	61	59	120
Net Total	709	842	1,551
SPECIAL MUSIC SUMMARY (Four Quarters 1956-57)			
Special Music (Academic Year)	20	42	62
Special Music (Summer Session)	8	14	22
Total	28	56	84
Less Duplicates	6	10	16
Net Total	22	46	68
SUMMARY (Four Quarters 1956-57)			
Collegiate Total (Net)	709	842	1,551
Special Music Total (Net)	22	46	68
Grand Total	731	888	1,619

DEGREES CONFERRED

1956-57

	MEN	WOMEN	TOTAL
SUMMER QUARTER 1956			
Bachelor of Arts	9	4	13
Bachelor of Science	4	2	6
Bachelor of Arts in Education	16	26	42
Master of Education	2	0	2
Total	31	32	63
AUTUMN QUARTER 1956			
Bachelor of Arts	4	0	4
Bachelor of Arts in Education	5	1	6
Total	9	1	10
WINTER QUARTER 1957			
Bachelor of Arts	5	2	7
Bachelor of Science	0	7	7
Bachelor of Arts in Education	2	0	2
Total	7	9	16
SPRING QUARTER 1957			
Bachelor of Arts	21	17	38
Bachelor of Science	6	3	9
Bachelor of Arts in Education	16	21	37
Honorary Doctorate	1	0	1
Master of Education	1	0	1
Total	45	41	86
SUMMARY 1956-57			
Bachelor of Arts	39	23	62
Bachelor of Science	10	12	22
Bachelor of Arts in Education	39	48	87
Honorary Doctorate Degree	1	0	1
Master of Education	3	0	3
Total	92	83	175

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INVESTING IN CHARACTER BUILDING

at

SEATTLE PACIFIC COLLEGE

The Seattle Pacific College Expansion Fund

The first phase of the long-range development plans for Seattle Pacific College include what is called the Ten-Year Expansion Program which began January 1, 1956 and will culminate in the Diamond Jubilee Anniversary Year, 1965-66.

Studies show that the school will need at least \$150,000 annually above student fees for operational expense and a like amount each year for added buildings and equipment. This means a total of \$300,000 annually in gifts for Operation and Capital Outlay. The goal, therefore, for the full decade is \$3,000,000.

The Expansion Program is all-inclusive. It includes Living Endowment, Booster Clubs, the Century Club, the One-Per-cent Club, Building Fund Pledges, and all other gifts, both individual and corporate.

It is hoped every alumnus, former student, and friend will make an annual gift toward the expansion program "For A Greater Seattle Pacific College." Write for particulars. Better yet, send a gift TODAY.

Bequests: (Suggestive Forms).

An increasing number of people are making wills naming Seattle Pacific College as a beneficiary. This is a very effective way of providing for the future growth and operation of the College, as well as having a part in the greatest of all investments, the provision for adequate Christian Education for young men and women.

Bequest of Personal Property: I give and bequeath to Seattle Pacific College, a tax free corporation, of Seattle, Washington, the sum of \$.....
(or, if bequest is of personal property other than money, substitute description of property in the place of "the sum of \$.....").

Devise of Real Property: I give and devise to Seattle Pacific College, a tax free corporation, of Seattle, Washington (here insert description of property devised).

Residuary Clause: I give, devise, and bequeath to Seattle Pacific College, a tax free corporation of Seattle, Washington, all the rest, residue, and remainder of my property and estate, real and personal, and wheresoever situate.

Gifts to Seattle Pacific College
are deductible from Taxable income.

Seattle Pacific College

Seattle 99, Washington

To Prospective Students

Those who desire to enter Seattle Pacific College should send for an applicaiton blank as soon as possible. This is in harmony with instructions as found in this bulletin, under the heading "Application Procedure."

To Our Alumni

The College is very anxious to keep informed as to the location and activities of all the graduates and former students. Please, therefore, write from time to time regarding yourself, your family and your work. Especially, it is desired to know any change in address or occupation. Simply address Seattle Pacific College, Seattle 99, Washington.