

1954

Seattle Pacific College Catalog 1954-1955

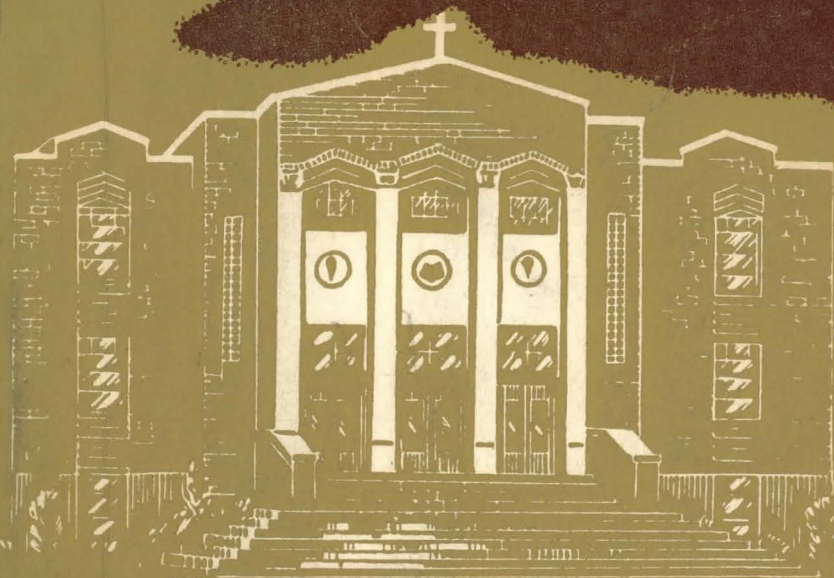
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SEATTLE PACIFIC COLLEGE

Announcing
its Sixty-Fourth
Year, 1954-55

A LEADING
CHRISTIAN COLLEGE
OF THE WEST

SEATTLE, WASHINGTON

"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 set up. Because of this, students planning to come to Seattle Pacific College should make sure they are eligible to enter.

SEATTLE PACIFIC COLLEGE BULLETIN

Volume XXXII

MAY, 1954

Number 5

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

Annual Catalog

of

SEATTLE PACIFIC COLLEGE



* * *

SIXTY-FOURTH YEAR

* * *

*Register of Officers, Teachers and Students
for 1953-54. Requirements for Admission,
General Regulations, and Courses
of Instruction for
1954-55*

SEATTLE PACIFIC COLLEGE

3307 Third Avenue West

Seattle 99, Washington

CALENDAR

1954	July	1954				
S	M	T	W	T	F	S
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4	5	6	7	8	9	10
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1954	October	1954				
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31						

1955	January	1955				
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1955	April	1955				
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1955	July	1955				
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31						

1955	October	1955				
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1956	January	1956				
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1956	April	1956				
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1954	August	1954				
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1954	November	1954				
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28	29	30				

1955	February	1955				
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27	28					

1955	May	1955				
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1955	August	1955				
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1955	November	1955				
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1956	February	1956				
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1956	May	1956				
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1954	September	1954				
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1954	December	1954				
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26	27	28	29	30	31	

1955	March	1955				
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27	28	29	30	31		

1955	June	1955				
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26	27	28	29	30		

1955	September	1955				
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1955	December	1955				
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

CALENDAR FOR 1954 - 55

**SUMMER SESSION
1954**

May 10 to May 21	Pre-Registration Dates
June 19 Saturday, 9:00 a.m. to 3:05 p.m.	Registration Day only for those not in attendance Spring Quarter
June 21 Monday, 7:45 a.m.	Class Instruction Begins
June 24 Thursday, 5 p.m.	Last Day to Register or Add Course—First Term
July 1 Thursday, 5 p.m.	Last Day for Dropping Courses—First Term
July 21 Wednesday, 3:05 p.m.	First Term Ends
July 22 Thursday, 7:45 a.m.	Class Instruction Begins—Second Term
July 26 Monday, 5 p.m.	Last Day to Register or Add Course—Second Term
Aug. 2 Monday, 5 p.m.	Last Day for Dropping Courses—Second Term
Aug. 20 Friday, 3:05 p.m.	Second Term Ends

**AUTUMN QUARTER
1954-55**

Sept. 14, 15	Tuesday and Wednesday	Faculty Retreat
Sept. 17	Friday, 2 p.m.	Faculty Meeting
Sept. 20	Monday, 9:30 a.m.	All Freshmen Meet in McKinley Auditorium
Sept. 20	Monday (After Assembly)	Freshman Tests
Sept. 20, 21	Monday and Tuesday, 8:30 a.m. to 3:40 p.m.	Sophomore, Junior and Senior Registration
Sept. 21	Tuesday	Further Tests, Get-Acquainted Day for Freshmen
Sept. 22	Wednesday, 8:30 a.m. to 3:40 p.m.	Registration of Freshmen
Sept. 22	Wednesday, 8 p.m.	First Student Vesper Service
Sept. 23	Thursday, 8 a.m.	Instruction Begins
Sept. 23	Thursday, 9:30 a.m.	Fall Convocation
Sept. 24	Friday (Afternoon and Evening)	First All-School Hike
Sept. 29	Wednesday, 5 p.m.	Last Day to Register or Add a Course
Oct. 23	Saturday, 12:00 M	Last Day for Dropping Courses Without Receiving "E" When Unsatisfactory
Nov. 1-5	(Movable)	Spiritual Emphasis Week
Nov. 8-26		Pre-Registration for Winter Quarter
Nov. 11	Thursday	Holiday, Washington State Admission Day
Nov. 24	Wednesday, 3:40 p.m.	Thanksgiving Recess Begins
Nov. 29	Monday, 8 a.m.	Thanksgiving Recess Ends
Dec. 3	Friday, 8 p.m.	Christmas Music Program
Dec. 6-10	Monday through Friday	Examination Week

**WINTER QUARTER
1954-55**

Nov. 9-27	Pre-Registration Period (Late registration fee will be imposed after given date for students attending Autumn Quarter)	
Jan. 1	Saturday, 9 a.m. to 1 p.m.	Registration of New Students
Jan. 3	Monday, 8 a.m.	Class Instruction Begins
Jan. 8	Saturday, 12:00 M	Last Day to Register or Add a Course
Jan. 29	Saturday, 12:00 M	Last Day for Dropping Courses Without Receiving "E" When Unsatisfactory
Feb. 7-11	(Movable)	Spiritual Emphasis Week
Feb. 22	Tuesday	Holiday, Washington's Birthday
Feb. 7-25	Pre-Registration for Spring Quarter	
Mar. 14-18	Monday through Friday	Examination Week

**SPRING QUARTER
1954-55**

Mar. 26	Saturday, 8:30 a. m. to 3:40 p. m	Registration of New Students
Mar. 28	Monday, 8:00 a. m.	Class Instruction Begins
Apr. 4	Monday, 5:00 p. m.	Last Day to Register or Add a Course

Apr.	8	Friday	Holiday, Good Friday
Apr.	13	Saturday, 12:00 M.	Last Day for Dropping Courses Without Receiving "E" When Unsatisfactory
May	2-6	(Movable)	Spiritual Emphasis Week
May	29	Sunday, 3:00 p. m.	Baccalaureate Service
May 30 to June 3	Monday through Friday Examination Week		
June	2	Thursday, 8:00 p. m.	Annual Music Program
June	3	Friday, 6:30 p. m.	Alumni Banquet
June	4	Saturday, 10:00 a.m.	Sixty-fourth Annual Commencement

SUMMER SESSION 1955

<i>First Term</i>			
June	18	Saturday, 9:00 a. m. to 3:05 p. m.	Registration Day
June	20	Monday, 7:45 a. m.	Class Instruction Begins
July	20	Wednesday, 3:05 p. m.	First Term Ends
<i>Second Term</i>			
July	21	Thursday, 7:45 a. m.	Second Term Begins
Aug.	19	Friday, 3:05 p. m.	Class Instruction Ends

BOARD OF TRUSTEES

ACCESSION		EXPIRATION
Elected by the Washington Conference		
1933	A. D. Frets, Mount, Vernon, Washington	1954
1942	Ralph R. Richards, M.A., Entiat, Washington	1956
1948	Burton T. Root, B.A., Everett, Washington	1954
1949	Leon W. Hawley, B.A., Seattle, Washington	1955
1949	Stuart W. Holmes, M.D., Oroville, Washington	1955
1951	C. Woodrow Willson, B.S., Bremerton, Washington	1954
1952	John MacIntosh, Yakima, Washington	1955
1953	Lyle W. Northrup, B.A., Tacoma, Washington	1956
1953	Harold Overland, Ellensburg, Washington	1956
Elected by the Oregon Conference		
1950	Evan K. Gibson, Ph.D., Corvallis, Oregon	1956
1952	W. A. Coates, Albany, Oregon	1955
Elected by the Columbia River Conference		
1939	Guy V. Jones, Chewelah, Washington	1954
1945	Donald J. Allgor, Spokane, Washington	1954
Elected by the Alumni Association		
1939	C. Otto Lightle (Treasurer), Seattle, Washington	1955
Elected by the Trustee Board		
1938	M. B. Robbins (Chairman), Newberg, Oregon	1956
1938	Roy Harrington, St. Helens, Oregon	1955
1941	Elmer McDowell, Centralia, Washington	1956
1945	J. G. Bringdale, Seattle, Washington	1955
1947	Marvin E. Burke, Seattle, Washington	1956
1950	C. Dorr Demaray, M.A., Litt.D., Seattle, Washington	1957
1952	Margaret J. McCarty, M.A., (Secretary), Seattle, Washington	1955
1953	G. Kimball Burns, Seattle, Washington	1957

Executive Committee

MARION B. ROBBINS, <i>Chairman</i>	MARGARET J. McCARTY, <i>Secretary</i>
LEON W. HAWLEY	MARVIN E. BURKE
C. OTTO LIGHTLE	BURTON T. ROOT
G. KIMBALL BURNS	

FACULTY and ADMINISTRATION

Administrative Officers

C. HOYT WATSON, M.A., LL.D., Litt. D.	<i>President</i>
OTTO M. MILLER, M.S.	<i>Executive Vice President</i>
PHILLIP F. ASHTON, Ph.D.	<i>Dean of the College</i>
HAROLD T. WIEBE, Ph.D.	<i>Director of Graduate Studies</i>
F. WESLEY WALLS, M.A.	<i>Registrar</i>
CLIFFORD E. ROLOFF, M.A.	<i>Bursar</i>
M. B. MILLER, M.A., LL.D.	<i>Director Public Relations</i>
MABEL R. SHIPLEY, M.A.	<i>Dean of Women</i>
WARREN N. WATSON, M.A.	<i>Dean of School of Education</i>
LAWRENCE R. SCOENHALS, M.A.	<i>Director of School of Music</i>
LYDIA F. GREEN, B.S., R.N.	<i>Director of Department of Nursing</i>
ELVIS E. COCHRANE, Th.M., D.D.	<i>Dean of School of Religion</i>
E. WALTER HELSEL, B.A., Th.M.	<i>Director of School of Missions</i>
KENNETH E. FOREMAN, B.S.	<i>Dir. School Rec. Leadership</i>
MARGARET A. BURSELL, B.S., in Library Science	<i>Librarian</i>

Emeriti

ANNA E. BURNS, M.A.	<i>Associate Professor Emeritus of English</i> English Department, Seattle Pacific College, 1922-1945 3329 5th W. — ALder 7956
D. W. CRAM	<i>Retired Field Worker</i> Promotional Representative, 1945-48, 1951-53 4602 Woodlawn Ave. — MELrose 3320
LILLIAN DANIELSON, B.A.	<i>Associate Professor Emeritus of Speech</i> Speech Department, Seattle Pacific College, 1935-1948 Route 1, Box 328, Port Orchard, Wash.
JACOB MOYER, M.A.	<i>Professor Emeritus of Chemistry</i> Chemistry Department, Seattle Pacific College, 1925-1946 3210 4th W. — ALder 6420

Faculty

CHARLES HOYT WATSON, M.A., LL.D., Litt.D.	3227 Third Ave. W. <i>President</i> ALder 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.	3217 Fifth Ave W. <i>Dean of the College and Professor of Psychology</i> ALder 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 of 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.	3231 Fifth Ave. W. <i>Professor of Mathematics.</i> GARfield 4626
A.B., University of Washington, 1917; M.S., University of Washington, 1936; Instructor, Mathematics and Physics, Seattle Pacific College, 1917-22; Missionary, Panama Canal Zone, 1922-26; Instructor, Mathematics, Seattle Pacific College, 1926-27; Registrar, 1938-42; Dean, Seattle Pacific College, 1942-47; Professor, 1927—.	

- CRAWFORD M. BISHOP, Ph.D. 2122 Third Ave. W.
Assistant Professor in Economics and Business Administration.
ALder 5502
- A.B., Dartmouth College, 1906; LL.D., University of Maryland, 1909; A.M., Columbia University, 1917; Ph.D., Columbia University, 1931; Instructor, Robert College, Constantinople, Turkey, 1909-10; United States Consular Service, China, 1910-15; Lecturer on Foreign Trade, Columbia University, 1917-18; Asia Banking Corporation, China, 1918-20; Attorney and Counsel, U.S. Agency, General and Special Claims Commission, U.S. and Mexico, 1923-26; 1927-41; Lecturer on the Far East, George Washington University, 1925-26; Director of Latin-American Law, Library of Congress, Washington, D.C., 1941-43; Attorney, American Occupation, S.C.A.P. Hdqtrs., Japan, 1946-47; Executive Secretary, The Evangelical Missionary Association, Japan, 1949-52; Assistant Professor, Seattle Pacific College 1952—.
- MARGARET A. BURRELL, B.E., B.S. in Library Science 3007 E. 65th
Assistant Professor, Librarian.
KE 5290
- B.E., University of Washington, 1922; B.S. in Library Science, University of Washington, 1931. Librarian, Seattle Pacific College, 1937—.
- WEN-DJANG CHU, M.A. 3307 Third Ave. W.
Instructor in Chinese.
ALder 1553
- B.A., Cheelo University, 1936; Graduate work, National University of Peking, 1935-37; Oberlin College, 1946-47; M.A., University of Washington, 1950. Officer in Chinese Army, 1938-46; Instructor, Seattle Pacific College, 1947—.
- ELVIS E. COCHRANE, M.A., Th.M., D.D. 26 West Dravus
Professor of Philosophy; Dean of School of Religion.
GARfield 8830
- 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—.
- JOSEPH L. DAVIS, B.A., S.T.B. 3019 3rd Ave. W.
Associate Professor in Religion.
ALder 4041
- B.A., Seattle Pacific College, 1941; S.T.B., Biblical Seminary New York, 1944; Part-time Instructor, Seattle Pacific College, 1947-49; Assistant Professor, 1950-52; Associate Professor, 1952—.
- DONALD E. DEMARAY, B.D., Ph.D. 61 West Cremona
Assistant Professor in Religion.
GARfield 5470
- 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—.
- GRACE L. DEMARAY, B.A. 48 West Dravus
Part-time Instructor in Home Economics.
ALder 5191
- B.A., University of Michigan, 1929. Instructor, Los Angeles Pacific College, 1930-31; 1944-47. Part-time Instructor, Seattle Pacific College, 1948—.
- BURTON D. DIETZMAN, M.A. 503 West Bertona
Professor of Chemistry.
GARfield 7902
- B.S., Greenville College, 1934; M.A., Indiana University, 1940. Instructor in Science, Wessington 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—.

- C. MELVIN FOREMAN, B.A., S.T.B. 2922 Fifth W.
Associate Professor in Sociology.
and Assistant Director of Counseling
ALder 9723
- B.A., Seattle Pacific College, 1942; S.T.B., Biblical Seminary, New York, 1945; Graduate study, University of Washington; 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—.
- KENNETH E. FOREMAN, B.S. 209 W. McGraw
Director, School of Recreational Leadership
Assistant Professor in Physical Education and Athletic Coach.
ALder 8196
- B.S., University of Southern California, 1949; Instructor, Los Angeles Pacific College, 1940-41; Instructor, Coast Guard, 1942-43; Basketball Coach, Los Angeles Pacific College, 1948-50; Instructor, Seattle Pacific College, 1950-52; Assistant Professor and Director of Physical Education, 1952—.
- OLIVE M. GOODMAN, M.A. 4716 Fremont Ave.
Part-time Instructor in Education
MELrose 4254
- 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—.
- LYDIA F. GREEN, B.S., R.N. 711 West Bertona
Assistant Professor and Director of Nursing Education.
GARfield 4792
- B.S., University of Nebraska, 1928; Instructing Supervisor, University of Nebraska School of Nursing, 1930-32; Graduate work, Columbia University, summer 1931; 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—.
- MELVIN A. HARRISON, B.A., Ph.D. 2215 North 37th
Assistant Professor in Physics.
ME 6725
- B.A., Greenville College, 1947. Ph.D., University of Washington, 1953; Teaching Fellow, University of Washington, 1947-51; Part-time Instructor, Seattle Pacific College, 1951-52; Assistant Professor, 1952—.
- E. WALTER HELSEL, B.A., Th.M. 3417 9th Ave. W.
Director of School of Missions and Professor of Religion.
ALder 8839
- 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—.
- VIRGINIA L. HOFFMAN, M.S.P.E. *Assistant Professor and Director of Women's Physical Education.*
- B.A., Greenville College, 1943; M.S.P.E., Indiana University, 1950; Candidate for D.P.E., Indiana University, 1954. Assistant Instructor, Central College, 1938-40; Assistant Instructor, Greenville College, 1941-43; Playground Supervisor, City of Colorado Springs, summers of 1940, 1941 and 1942; 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 Women's Physical Education, Seattle Pacific College, 1954—.
- SOON CHUL HONG, LL.B. 314 W. Dravus
Part-time Instructor, Japanese.
GARfield 1413
- LL.B., Seoul National University, 1946; Associate Instructor in Far Eastern Institute, University of Washington, 1949-50; Part-time Instructor, Seattle Pacific College, 1950—.

- WINSTON A. JOHNSON, Mus.M., M.S.M., A.A.G.O. 9530 Lakeshore Blvd.
Instructor in Organ and Piano. Vermont 2300
 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. JORDON 344 Bertona
Part-time Instructor in Sign Language. ALder 4274
 Private teacher of voice, Los Angeles, 1924-32; Christian Deaf Fellowship teacher, Los Angeles, 1946-50; Gallaudet College, Washington, D. C., 1950-51; Part-time Instructor Sign Language, Seattle Pacific College, 1951—.
- GOLDA NELSON KENDRICK, Ph.D. Woodinville, Wash.
Professor of Education and French. Bothell 66-1944
 B.A., University of Nebraska, 1910; M.A., University of Washington, 1935; Ph.D., University of Washington, 1939; Student in Voice, Gabrielle Lapierre, 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—.
- GAIL MARIE KISER, B.A. 68 W. Etruria
Assistant Professor in Missions. ALder 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 in Home Economics. ALder 2413
 A.B., Seattle Pacific College, 1933. Graduate Student, University of Illinois, Summer, 1953; 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—.
- VIVIAN LARSON, M.A. 3329 5th Ave. W.
Professor of Education. ALder 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—.
- ANNA BELLE LAUGHBAUM, Ph.D. 500 Emerson
Associate Professor of English. GARfield 4277
 Diploma in Theology, Ft. Wayne Bible Institute, 1940; B.A., Greenville College, 1943; M.A., University of Illinois, 1944; Fellow in English, University of Illinois, 1944-46; Ph.D., University of Illinois, 1948; Summer study, University of Birmingham, England, 1953; Associate Professor of English and Greek, Bethany-Peniel College, 1946-50; Associate Professor, Seattle Pacific College, 1950—.
- WINIFRED J. LEIGHTON, B.M., M.A. 4114 Densmore
Associate Professor in Music. MELrose 1036
 B.M., University of Washington, 1932; M.A., 1939. Graduate work, Northwestern University, 1940; 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—.

- ELVA A. McALLASTER, Ph.D. 57 W. Etruria
Professor of English. ALder 2669
 B.A., Greenville College, 1944; M.A., University of Illinois, 1945; Ph.D., 1948; Certificate, University of London, summer session, 1948; Teacher in Public Schools of Kansas, 1940-42; Assistant in English, University of Illinois, 1945-46; Fellow in English, University of Illinois, 1946-48; Associate Professor, Seattle Pacific College, 1948-50; Professor, 1950—.
- MABEL S. McMULLEN, B.S. 3307 Third Avenue West
Part-time Instructor in Home Economics. ALder 1337
 B.S., McPherson College, 1948; Teacher, City Schools, Lincoln, Nebraska, 1927-31; Dean of Women and Instructor in Home Economics, Central College, 1948-53. Part-time Instructor, Seattle Pacific College, 1953-54.
- C. MAY MARSTON, M.A., Litt.D. 3211 Fifth Ave. W.
Professor Emeritus of German (on special assignment). ALder 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, 1916-1918; Professor, Seattle Pacific College, 1918—.
- ARMETTA MEDLOCK, M.A. 304 West Bertona
Assistant Professor in Art. ALder 0320
 B.A., Greenville College, 1934; A.M., Adams State College, 1947; Graduate Work, University of Washington. Instructor in Public Schools of Colorado, 1940-47; Instructor, San Luis Institute of Arts and Crafts, summer of 1947; Instructor, Seattle Pacific College, 1947-50; Assistant Professor, 1950—.
- LEON V. METCALF, M.M. 21234 Military Road
Instructor in Music and Band Director. CHerry 6185
 Music Supervisor Diploma, University of Wisconsin, 1925; B.M.Ed., Northwestern University, 1928; M.M., University of Michigan, 1934; Graduate study, University of Washington, 1949-51; Director Instrumental Music, South High School, Grand Rapids, Michigan, 1925-27; Director Instrumental Music, Froebel School, Gary, Indiana, 1928-30; Director Instrumental Music, Harland Area Project (Michigan) 1930-37; Guest Professor, Montana State University, summers 1936, 37, 41; Guest Instructor, Northwestern University, summers 1928-29; Instructor, Whittier College, 1937-38; Director of Music, California Institute of Technology, 1938-41; Supervisor of Music, South Central District, Seattle, 1945-50; Composer for Fillmore Music House since 1926; Instructor, Seattle Pacific College, 1952—.
- KENNETH L. MILES, M.A. 7 W. Dravus Street
Assistant Professor in English and Speech. ALder 9609
 Graduate, Toronto Bible College, 1934; National Bible Institute, 1936; Graduate, Wenatchee Jr. College, 1949; B.A., Seattle Pacific College, 1950; M.A., University of Washington, 1951; Pastoral work seven years; Assistant Professor, Seattle Pacific College, 1951—.
- MENDAL B. MILLER, M.A., LL.D. 2528 First Avenue North
Professor of Economics and Business Administration. ALder 0535
 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, 1940-45, Morningside College; President, Central College, 1945-53; Professor of Economics, Seattle Pacific College, 1953—.
- OTTO M. MILLER, M.S. 403 W. Dravus
Executive Vice-President; Professor of Physics. GARfield 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—.

- MABEL JONES MOYER.....3210 Fourth Ave. W.
Instructor Emeritus in Piano (on special assignment). ALder 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—.
- E. DALE PARKER, B.Ed.....3307 3rd Ave. W.
Instructor in Physical Education and Assistant Coach. ALder 1337
B.S., Seattle Pacific College, 1950; B.Ed., 1951; Graduate student, University of Washington; Director of Athletics, John Brown University, 1951-52; Approved Red Cross Instructor in First Aid and Water Safety; Instructor, Seattle Pacific College, 1952—.
- LUCILLE I. PILOT, M.A.....3211½ Fifth Ave. W.
Assistant Professor in Business.
B.A., John Fletcher College, 1939; M.A., University of Iowa, 1943; Indiana University, summers of 1944 and 1945; Professor of Business and Sociology, Kletzing College, 1943-45; Byron, Michigan, High School, 1946-47; Assistant Professor of Business Administration, Greenville College, 1947-49; Assistant Professor, Seattle Pacific College, 1951—.
- CLIFFORD E. ROLOFF, M.A.....2500 2nd Ave. No.
Bursar; Professor of History. ALder 8307
B.A., Seattle Pacific College, 1931; M.A., University of Washington, 1932; Professor of History and Social Science, Wessington Springs College, 1934-36; Teacher, Central High School, Aberdeen, South Dakota, 1936-40; Dean and Registrar, Wessington Springs College, 1940-42; Summer School Staff, Greenville College, 1941; Part-time Instructor in Economics, Cascade College, 1943-44; Bursar, Assistant Professor, Seattle Pacific College, 1944-46; Bursar and Professor, 1949—.
- PAUL F. ROSSER, B.S., M.A.....104 Aloha St.
Associate Professor of Speech. ALder 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—.
- DOLORES L. SANDERS, A.M.....3014 4th Ave. W.
Assistant Professor in Spanish. ALder 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—.
- ROBERT L. SCANDRETT, B.A., M.A.....3307 3rd Ave. West
Instructor in Piano. ALder 1337
B.A., Seattle Pacific College, 1950; M.A., University of Washington, 1952; Part-time Instructor in Piano, Seattle Pacific College, 1951-52; Instructor 1952—.
- LAWRENCE R. SCHOENHALS, M.A.....2911 First North
Professor of Music, Director of School of Music. ALder 3695
B.A., Greenville College, 1935; M.A., University of Michigan, 1938; Graduate study, University of Washington; 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—.
- MABEL R. SHIPLEY, M.A.....525 W. Bertona
Dean of Women; Professor of History.
Graduate of North Pacific Evangelistic Institute, 1927; B.A., Seattle Pacific College, 1929; M.A., University of Washington, 1932; Instructor in History, Seattle Pacific College, 1929-34; Professor, Seattle Pacific College, 1934—; Dean of Women, 1944—.
- CHARLES F. SHOCKEY, Ed.D.....364 Newell
Professor of Bacteriology and Public Health. GARfield 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 Sanitarian Technologist and Bacteriologist, U. S. Fish and Wildlife Service, 1943-44; Assistant Professor, Seattle Pacific College, 1944-46; Associate Professor, 1946-51; Professor, 1951—.

- ELEANOR F. TATE, M.A.....10324 48th N.E.
Instructor in English. KEnwood 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—.
- WILLARD F. TREFUS, B.S.....639 Emerson
Assistant Professor in Industrial Arts and Engineering. GARfield 2701
B.S., Seattle Pacific College, 1937; Graduate study, Washington State College and University of Washington; Instructor, Sequim Junior High School, 1937-38; Harper Schools, 1938-41; Bremerton High School, 1941-46; Instructor, Seattle Pacific College, 1946-49; Assistant Professor, 1949—.
- LEONARD P. VIDGER, B.A., M.B.A.....3308 Sixth Avenue West
Controller; Instructor in Economics and Business Administration. GARfield 9006
B.A., Seattle Pacific College, 1948; M.B.A., University of Washington, 1950; Graduate Study, New York University Graduate School of Business Administration, summer 1951; Graduate of Navy Supply Corps School, Bayonne, N. J., 1951; Graduate Study, University of Southern California, 1952-1953; Senior Accountant, Albert T. Bacon & Company, Chicago, C.P.A.s, 1946-1947; Navy Cost Inspector, 1951-1953; Controller and Instructor, Seattle Pacific College, 1953—.
- F. WESLEY WALLS, M.A.....2930 Queen Anne Ave.
Registrar and Professor of Political Science. ALder 1022
B.A., Greenville College, 1937; M.A., University of Washington, 1943; Instructor Seattle Pacific College, 1941-44; Assistant Professor, 1944-49; Registrar, 1948—; Associate Professor, 1949-54; Professor, 1954—.
- N. HUBERT WASH, B.A.....3210 4th Ave. West
Assistant Professor in Voice. GARfield 0954
B.A., Greenville College, 1943; Graduate work Illinois Wesleyan University, 1948-49 and summer, 1951; University of Washington, 1951-52; Public Schools Kansas and Illinois, 1946-48, 1949-51; Part-time Instructor Central College, 1946-47; Part-time Instructor Seattle Pacific College, 1951-52; Assistant Professor, 1952—.
- WARREN N. WATSON, M.A.....3307 3rd Ave. West
Dean of School of Education; Professor of Education. ALder 1337
B.A., Seattle Pacific College, 1932; M.A., University of Washington, 1934; Graduate study, University of California, Berkeley, and University of Washington; High School Teacher and Principal in public schools of Washington and Alaska, 1934-42; Coordinator of Accelerator Technicians, Radiation Laboratory, University of California, Berkeley, California and Oak Ridge, Tennessee, 1942-51; Associate Professor, Seattle Pacific College, 1951-53; Professor, 1953—.
- WINIFRED E. WETER, Ph.D.....4336 53rd N.E.
Professor of Classical Languages. KEnwood 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—.
- HAROLD T. WIEBE, Ph.D.....3307 5th Ave. W.
Director of Graduate Studies. ALder 4826
Professor of Zoology and Physiology.
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—.

Lecturers

DONALD S. BLAIR, M.A.	Principal, Magnolia Elementary School <i>Lecturer in Education.</i>
ROLAND B. LEWIS, Ed.D.	Principal, Seward Elementary School <i>Lecturer in Education.</i>

Non-Teaching Staff

FLORA ASHTON, B.A., <i>Manager of Book Store</i>	LENA M. MILLER, B.A., <i>Cafeteria Manager</i>
VIOLET BIRKELAND, B.A., <i>Secretary, School of Education</i>	JACOB MOYER, M.A., <i>Campus Florist</i>
RUTH BOND, B.A., <i>Secretary to the President</i>	GETTYS PHILLIPS, <i>Assistant House Mother</i>
A. C. COLLETT, <i>Maintenance Staff</i>	EVA M. PRIOR, <i>Assistant Secretary to the President</i>
JOHN H. CROSS, <i>College Chef</i>	EVELYN ROBB, <i>Bookkeeper</i>
C. DORR DEMARAY, M.A., Litt.D., <i>College Pastor</i>	DOUGLAS L. SAXBY, B.A., <i>Public Relations</i>
PHILIP N. HOGUE, M.D., <i>College Physician</i>	R. L. SCANDRETT, <i>Superintendent of Buildings</i>
MARIE HOLLOWELL, B.A., <i>House Mother</i>	CARL SMITH, B.A., <i>Chief Engineer</i>
EUNICE JOVICK, <i>Cafeteria Assistant</i>	EDNA I. WATSON, <i>House Mother</i>
SAIDEE KIMBLE, <i>Cafeteria Assistant</i>	LUCILLE WHEELER, B.A., <i>General Secretary</i>
MABEL S. McMULLEN, B.S., <i>House Mother</i>	

Chairmen of Faculty Standing Committees

1953-54

<i>Athletic Activities for Men</i>	<i>Radio and Television</i>
KENNETH E. FOREMAN	PAUL F. ROSSER
<i>Athletic Activities for Women</i>	<i>Religious Activities</i>
WINIFRED E. WETER	E. WALTER HEISEL
<i>Awards</i>	<i>Residence Halls</i>
PAUL F. ROSSER	MABEL R. SHIPLEY
<i>Chapel Programs</i>	<i>Scholarships</i>
ELVIS E. COCHRANE	JOSEPH L. DAVIS
<i>Curriculum</i>	<i>School Appeals</i>
F. WESLEY WALLS	WINIFRED E. WETER
<i>Graduate and Professional</i>	<i>Social Activities</i>
HAROLD T. WIEBE	ELVA A. McALLASTER
<i>Guidance</i>	<i>Student Publications</i>
C. MELVIN FOREMAN	ELVA A. McALLASTER
<i>Historical Records of S.P.C.</i>	<i>Vesper Services</i>
C. MAY MARSTON	<i>Autumn Quarter</i>
<i>Library</i>	N. HUBERT WASH
MARGARET A. BURSELL	<i>Winter Quarter</i>
<i>Publicity</i>	KENNETH L. MILES
MENDAL B. MILLER	<i>Spring Quarter</i>
	E. WALTER HEISEL

Chairmen and Vice Chairmen of "Broad Area" Faculties

I <i>Language Arts</i>	ELVA A. McALLASTER, KENNETH L. MILES
II <i>Fine and Applied Arts</i>	LAWRENCE R. SCHOENHALS, WINIFRED J. LEIGHTON
III <i>Social Studies</i>	M. B. MILLER, C. MELVIN FOREMAN
IV <i>Sciences and Mathematics</i>	HAROLD T. WIEBE, BURTON D. DIETZMAN
V <i>Health and Physical Education</i>	KENNETH E. FOREMAN, LYDIA F. GREEN

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 March, 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, 1954-55 constitutes the sixty-fourth 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 to give sympathetic advice but also to pray with them. There is ample opportunity for academic freedom and scientific research but within the pattern of democratic political theory and evangelical Christian teaching.

Objectives

Intellectual Growth

To produce disciplined, trained intellects, ready to meet competently the demands of adult life in a complex modern world is a primary objective of Seattle Pacific College. The college believes that scientific open-mindedness, ability to evaluate facts, ability to locate information, and skill in interpreting various types of data are tools which every educated person possesses. Seattle Pacific believes also that the individual should see his world in the perspectives of his cultural heritage, and that a student's mind will be permanently enriched by academic experience in various types of study.

In addition to these broad goals of any liberal arts college, Seattle Pacific College believes that intellectual development is achieved most fully as human knowledge is related to eternal Truth.

Liberal Arts and Science Curricula. To reach a high plane of useful scholarship, Seattle Pacific College in its undergraduate program requires the first two of their four years in contacting a wide range of literary, cultural and scientific subject matter. During the last two years they are required to devote a major portion of their time to intensive study in one chosen department or area. Opportunity for such major study is available in more than thirty different departments.

Vocational and Professional Offerings. Seattle Pacific College admittedly is a College of Arts and Sciences. It believes, however, that such an institution, while putting great stress on culture, should likewise give practical training to its students. This accounts for the extended curricula in the various departments for vocational and professional work. Emphasis is given especially to those fields which are known as service fields.

Opportunities along this line are available in the following: Business and Finance, Public School Teaching, Music and Music Education, Athletic Coaching and Recreational Leadership, Home and Foreign Missionary Work, Nursing, Pre-Medicine, Pre-Dentistry and Pre-Law, Homemaking, Bible Teaching and Gospel Preaching, Social Service and training for advanced work at the University.

Studies leading to the degree of Master of Arts and Master of Education are available in the graduate school.

Social Adjustment

Christian usefulness is achieved not only through a proper adjustment to spiritual ideals and thorough scholastic endeavor, but also through a wholesome attitude toward others of the social group and toward society at large. Definite emphasis, therefore, is placed upon social activities and students are so guided as to experience maximum growth in personal-social adjustment.

The social environment is expected to result in Seattle Pacific College students being recognized for their social competence. For example, whether at the dining table, tennis courts, or the formal banquet, the attire of students is expected to conform to good taste. Simplicity and modesty of dress is an essential characteristic of the well groomed person.

The guidance program assists the individual in understanding others and in growth toward the finest type of group activity in keeping with Christian ideals.

Physical Development

Physical fitness, being basic to spiritual, social and intellectual growth, is implemented by a comprehensive health and physical education program. Physical education activity is required of all freshmen and sophomores unless excused by the health department. Basketball, baseball, tennis and track and other activities are promoted both on the intramural and the intercollegiate levels. Special mention is made elsewhere in this catalog concerning the rather elaborate Health Services available to students.

Effective Christian Living

To reach the goal of effective Christian living, Seattle Pacific College puts great emphasis upon the possibility and imperative need of each student daily experiencing God. It is agreed, of course, that students are in training for life's later activities, but stress is placed on the fact that students can live and serve as effectively during their student days as in later life. Much opportunity is therefore given for personal testimony, Christian service and a full development of personality. Each student is urged to participate in the various religious activities of the school as much as possible but, above all, to have a personal experience of the New Birth and in living the Spirit-filled life. All students are required to take *at least one course each year* in the study of the Bible.

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.

Regulations Pertaining to Group Activities

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 students "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 house, 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 himself of greater opportunities during his attendance at Seattle Pacific College.

Two Outstanding Traditions

Mid-Week Vespers

Most delightful of all traditions on the campus is that of the student Vesper service which is held each Wednesday evening 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. The time is 7:00 to 8:00 o'clock.

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%. In this regard it is decidedly unique when compared to the assembly programs which are held on many other college campuses.

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 is the most important semi-formal function of the year, usually held during the winter quarter, on 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 the day 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 gospel 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 school-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.

Other Pertinent Points of View

No Fraternities or Sororities. Throughout the years, a wholesome spirit is reflected 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 peoples". 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

The All-School Organizations

The Officers of the Student Association are president, vice-president 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. Five departmental directors, appointed by the president of the Association, are immediately responsible for the functioning of the various activities of the student body. They are the religious director, the social director, the forensic director and the music director.

The Student Council is the elected governing body of the student Association. It shapes the policies, guides the activities, and budgets finances for the student body. All students are encouraged to take part in the discussion of issues which are before the student council and to make themselves felt in student affairs. Members of the council are the president, vice-president, secretary and treasurer of the Association; one representative from each class; one representative from the graduate students; the editors and business managers of the student publications; the president of each class; the athletic, forensic, music, religion and social chairmen; and two faculty members named by the college president.

Clubs and Other Organizations

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.

Dormitory Associations. The men's and women's dormitory organizations are known as the Alexandrians and the Pi Mu Gammas, respectively. Officers for these clubs are elected during the fall quarter. Exchange parties, a Christmas dinner and breakfast, the men's stag dinner and the women's banquet are events sponsored by these groups. The Pi Mu Gammas also serve a tea each spring for girls who live outside the dormitory. In each of the three women's dormitories is a chapter of Pi Mu Gamma.

The Falconettes are members of the Women's Service Honorary. The purpose of the club is two-fold: To encourage women of S.P.C. to strive towards the ideal in leadership, scholarship, character and activities, and to be of special service on the campus whenever opportunity is given. The club was formed early in 1936. Girls are selected for this group on the basis of Christian character, scholarship and activities. The cumulative grade score must be at least 2.50 and the candidate must have participated in at least two extra-curricular activities. Membership is limited to upperclass women.

The Order of the "S" is an organization composed of Varsity Lettermen who have earned awards at Seattle Pacific College in one of the major sports. The purpose of this club is to promote Christian athletics and create a spirit of unity among athletes on the campus.

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.

During the regular school year, a thirty-minute period during the noon hour each Tuesday is reserved for an All-College Prayer Meeting.

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. Competitive intercollegiate football is not played. A real effort is made to relate inter-collegiate sport contests to the health program of the college and particularly to the intramural sports. These consist of various tournaments in basketball, touch football, baseball, tennis, handball, volley ball, archery and other activities.

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.

Specific Athletic Team Sports. In most cases women at S.P.C. engage in the same type of sports as do the men. In general, the college promotes the following team sports.

Baseball. Seattle Pacific students take a keen interest in this game. It is one of the principal intercollegiate sports carried on by the college. Eligibility standards are the same as for basketball.

Basketball. The Varsity Men's basketball team, known as the Falcons, is composed of outstanding players selected from the various classes. To be eligible, men must maintain a 1.75 scholarship average. Corresponding emphasis is given to women's basketball activity.

Softball. In the spring, the softball league gives opportunity for many to participate. Each class enters one team in the competition. This also is an area for activities by women.

Tennis for Both Men and Women. Two tournaments are conducted in this sport. In one, each class enters a team of four players who compete for class supremacy. The other, an individual tournament open to all students, is conducted for the purpose of selecting the college champions. Two concrete tennis courts add materially to the athletic facilities.

Touch Football. A league of six seven-man teams provides the principal autumn activity for men. The elimination of tackling reduces the hazard for injury and promotes skill in the game.

Track and Field Day. On this day each class strives for victory in track and field events. The meet is held at the Rogers Playfield.

Volleyball. This game calls for good team play rather than for individual performances. Much attention is given to this sport by both men and women during the Autumn Quarter.

Individual Sports. Individual ability is developed in tournaments in such sports as archery, handball, ping pong, horseshoes and badminton.

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.

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. No student is given both a sweater and blanket during the same 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 3.61 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 3.60 will earn "honors" for the given quarter or year.

Graduation Honors

The baccalaureate degree will be conferred "cum laude" upon students whose grade score for the entire course is 3.25 but less than 3.90 will receive their degree "magna cum laude". In like manner, those whose grade score is 3.90 or above 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 his last year's work must be up to the minimum grade score necessary for the honor he is to receive. In determining eligibility for graduation honors, only grades earned at Seattle Pacific College will be considered.

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 *Adelaide Hall*, heretofore used as a residence hall for freshmen women, is being remodeled into a classroom building. It will then have four good lecture rooms and several faculty offices.

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, re-inforced 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 will provide 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 athletic associations of Seattle.

The new *Industrial Arts Shop* will be ready for use this fall. It is a two-story re-enforced concrete building with brick and cement-block facing and is 50 by 108 feet in size. This, with the equipment, will constitute one of the finest shops for a liberal arts college in the area. It will house 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 studies, 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 their 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. In this building will be found the "A. J. Marston Memorial Organ". This hall also houses the "A. O. 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 infirmary and dispensary.

Residence Halls

The *Alexander Hall* is a residence hall with 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. This building is being remodeled for a women's residence hall.

The *Appleton Apartments*, named in honor of Dr. C. Floyd Appleton, who was head of the Department of Religion from 1926 until his death in 1933, consists of a large apartment house (formerly known as the Hamlin property) adjacent to the campus and fronting on Third Ave. West. It contains 10 apartments.

Fifty Housing Units provided immediately after the close of World War II by the government are now owned and controlled by the school. Forty of these are two-bedroom units and are for married students. The others are used for single men students during the school years and for married students during the summer.

The *Marston Duplex* and the *Marston Apartment House* provide six delightful apartments for faculty and student families.

The *President's New Home* is a delightful modern structure nearing completion. 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 come from private gifts for this specific purpose. Through the construction of the new home the cottage which now serves as the President's home can be removed thereby clearing the site for the construction of a new Music Building. The building is of modern design and in addition to the usual features of a modern home has a large area on the downstairs floor for faculty activities.

The *Norton House* is a residence hall for staff workers. This is an eleven room house near the northwest corner of the campus.

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 main portion of the basement floor is arranged as one large room and will be available for class and all-school social functions. 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 and Florentia 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. The building has been occupied during the year by Senior men. It was the former Peterson home.

Tiffany Hall is a women's residence hall in which are located a reception hall, parlor, social room and twenty-five students rooms. Most of these rooms are provided with both hot and cold water.

Watson Hall, named in honor of President and Mrs. C. Hoyt Watson, is a new 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 new dining room and kitchen. This building is modern in every respect and provides a private bath for each room.

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-two thousand choicely selected works distributed in subject matter among the different departments of instruction; and books of general interest. Many new books are added to the library each year. The Library is classified and catalogued according to the Dewey System. More than two hundred periodicals are received regularly by the Library. In addition, the students of the College have easy access to the city library of 680,000 volumes.

Laboratories

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

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 equipped 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.

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 a part-time physician and three part-time registered nurses. The infirmary and dispensary are located in the Health Building where there is an office, examining room, treatment room, laboratory, kitchen, utility room, linen room, nurses' room and four rooms which will accommodate six to eight bed patients.

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 a period of four days per quarter without charge. 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 in 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 *Tawashi* is the student yearbook. It is a handsome, profusely illustrated volume which reflects the extra-curricular side of student life.

Educational Benefits Under the "G.I. Bill"

Veterans of World War II (Public Law 346)

Nine quarter hours of credit in physical education and hygiene will be granted 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.

Any man or woman who served in the active military or naval service on or after September 16, 1940, and prior to the termination of the present war is entitled to educational benefits under the "G. I. Bill"; provided (a) that he or she shall have a discharge other than dishonorable, (b) that the time of service was at least 90 days, or if within less than 90 days, the veteran shall have been discharged or released from active service by reason of an actual service incurred injury or disability.

Such eligible persons are entitled to education for a period of twelve months (or the equivalent thereof in continuous part-time study). Upon satisfactory completion of this period of education, the veteran is entitled to an additional period of education, equal in length to the total time in service before discharge.

Every veteran eligible for education or training will have his tuition, fees, books, and necessary supplies paid in a full-time educational program, a subsistence allowance of \$75 a month if without dependents, or \$110 a month if he has one dependent, \$120 if two or more dependents.

If the veteran wishes to be gainfully employed and take his educational program on a part-time basis he may do so and receive the equivalent of his allotted time. He must, however, forego all or part of the subsistence allowance, as determined by the Veterans Administration.

Public Law 16

Veterans who are honorably discharged with a service-incurred or service-aggravated physical disability and who have an established need for vocational training or education will be entitled to certain benefits under this law. These

benefits are similar to those under the "G. I. Bill," except the length of the educational program is not limited by the veterans' time in service, but may be carried to a reasonable conclusion, such as a four-year course in college, which represents the maximum. Expenses paid to the institution on behalf of the veteran are the same; cash payments to the veteran, including his pension, will be greater than under the "G. I. Bill." This law is also administered by the Veterans Administration.

Korean Veterans

Seattle Pacific College has a contract with the Veterans Administration to provide training for veterans under the "Korean G. I. Bill."

Alumni Information

The business of the association is carried on primarily through the Executive Committee, which includes elective officers and representatives of the various chapter organizations. Voting is carried on 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 1953-54 are:

Mr. Richard C. Ashton, B.A., '46, President, 2703 East 123rd St., Seattle 55.

Dr. Roland B. Lewis, B.S., '37, First Vice President, 3007 Fourth Avenue West, Seattle 99.

Miss Ruth Kasen, B.A., '45, Second Vice President, 6730 Mary Avenue N.W., Seattle 7.

Mrs. Roswell B. Davis, (Constance Newville), B.A., '46, Secretary, 7903 32nd Avenue, S.W., Seattle 6.

Mr. Jack Arnold, B.A., '43, Committee Member at Large, 103 West Bertona, Seattle 99.

Mr. Donald L. Cochran, B.A., '47, Committee Member at Large, 1508 North 6th, Tacoma, Washington.

Mr. C. Otto Lightle, fs, '20, Alumni member on the Trustee Board, 3228 43rd Avenue West, Seattle 99.

Prof. Joseph L. Davis, B.A., '41, Executive Secretary, Seattle Pacific College, Seattle 99.

Summer Session

The 1954 Summer Session opens on Monday, June 21, and continues through Friday, August 20. 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 five weeks each. This arrangement makes it possible to gain a full quarter of work during the summer. The tuition is \$100 for two terms; \$50 for one term. The general fee is \$20 for the entire quarter or \$10 for either term. 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 dining hall 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, an 80 per cent refund will be made during the first week, 70 per cent during the second week, 60 per cent during the third week, and so on, with no refund after the eighth week of the quarter.
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 room will be pro-rata for the time in the dormitory.

Tuition, Expenses and Fees

Tuition

Regular Tuition (including graduate students) per quarter	\$100.00
Less than ten credits, per credit	10.00
Extra credits (above seventeen)	6.00
Tuition, those taking night classes only, per credit	7.50
Auditors, per course credit	4.00

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

Dormitory Expenses

Students may obtain full board and room on the campus for \$160.00 per quarter. For students taking less than full board, a charge of \$60.00 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% of the time.

During vacation periods a charge of sixty-five cents per day will be made for students remaining in the dormitories. Meals will be charged for at the regular rates.

The regular meal ticket for the Autumn quarter entitles the student to his meals beginning with breakfast of 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. For each quarter the ticket expires with lunch of the next day following the close of the quarter.

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 dormitory. 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 75 cents per hour.

Sundry Fees

General Fee, regular students, per quarter	\$20.00
General Fee, for students carrying less than 10 hours, per credit	2.00
Late Registration Fee (\$1.00 per day), maximum	3.00
Change of Registration50
Fee for Removing Incomplete (each course)50
Examination for Credit, per credit	2.00
Examination Fee (Special or make-up)	1.00
Transcript Fee (after first, which is free)	1.00
Enrollment in Placement Bureau (after 1st Placement)	3.00
Room Reservation and Deposit	5.00
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)	5.00
Extra Fee for Intensive Language Study, per quarter	50.00
Graduation Fee, Baccalaureate Degree	10.00
Graduation Fee, Master's Degree	10.00

Fees in Applied Music

	Regular Students	Special Students
Organ10 half-hour lessons	\$20.00	\$25.00
Piano10 half-hour lessons	20.00	25.00
Violin, Viola, Cello10 half-hour lessons	20.00	25.00
Voice10 half-hour lessons	20.00	25.00
Brass and Woodwinds10 half-hour lessons	20.00	25.00
Class LessonsTwo periods weekly, per quarter	5.00	7.50

Rates for lessons with student assistants will be supplied upon request.

Miscellaneous Music Fees

Organ rental, Two-manual Organ or Wurlitzer, five hours per week, per quarter	\$10.00
Kimball Organ (Advanced Students only), five hours per week per quarter	22.00
Combination Rate, 4 hours on Orgatron. 1 hour on Pipe Organ.....	12.50
Piano rental, five hours per week, per quarter	3.00
Piano rental, ten hours per week, per quarter	5.00

Orchestra, or Band, for those not receiving credit	1.00
Chorus, for those not receiving credit	1.00
A Cappella, for those not receiving credit	3.00
Piano Ensemble	4.00
Rental Charge for band and orchestra instruments when furnished by the college, per quarter	3.00
Practice room—No piano—five hours per week, per quarter	2.00

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).

<i>For Dormitory Students:</i>	
Tuition	\$100.00
Board and Room	160.00
General Fee	20.00
Estimated total for one quarter	\$280.00
<i>For Non-Dormitory Students:</i>	
Tuition	\$100.00
General Fee	20.00
Estimated total for one quarter	\$120.00

The estimated expenses for the regular school year would be three times these amounts or approximately \$840.00 for dormitory students and \$360.00 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 75 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, limited accident protection, incidental fees, and the like.
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 school nurse and the school doctor during specified hours in the Health Service and up to four days of nominal hospital care in the infirmary. Limited accident coverage is also included.
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.

Scholarship 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 \$300.00 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 high school record, should be in the hands of the Scholarship Committee not later than May 15 of each year. Each \$300.00 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 \$50.00 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 2.00 (average grade of "C") 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 (Full Tuition 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 Los Angeles Pacific College, Wessington Springs College, Central College and Spring Arbor Junior College. The Canadian School, Lorne Park College at Port Credit, Ontario, and the Moose Jaw Bible School at Moose Jaw, Saskatchewan, are also included. Two similar scholarships are available to

students who have completed their freshman and sophomore years at Seattle Pacific College and meet corresponding requirements. 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 full tuition 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. These scholarships amount to \$420.00 each to be applied toward tuition for regular work in any department at Seattle Pacific College at the rate of \$70.00 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 (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 \$150.00 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 candidates, 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 \$150.00 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 \$50.00 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 2.00.
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 Scholarships. Twelve scholarships of \$150.00 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 \$50.00 per quarter. Applications should be in at least three months before the opening of the quarter in which the student wishes to enroll. Write the *Scholarship Committee* for additional information.

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. The interest rate is only 3 per cent.

Church Loan Fund. Through the General Commission on Christian Education the Free Methodist Church has put at the disposal of Seattle Pacific College several thousand dollars to be used as a loan fund in assisting needy students who are preparing for definite Christian service. This fund is also handled through the office of the Bursar, to whom applications should be made.

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 to 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, superannuated, or deceased, 25 per cent of tuition.
- (3) Ordained ministers, or unordained ministers holding pastorates, 25 per cent of tuition.
- (4) Missionaries on furlough or the children of missionaries in active service or on furlough with salary, 50 per cent of tuition for the first year of school after return from the field, and 25 per cent of tuition for subsequent years.
- (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 the dormitory 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 two 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 \$60.00. 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 \$100.00 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 varies, not according to the type of work being done, but according to dependability and efficiency with 75 cents per hour as the maximum.

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 dining room, kitchen, physical education classes and clinic.
- (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 opportunities 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 expenses while in attendance at Seattle Pacific College. Due to its favorable position as one of the nation's leading ports on the Pacific and to 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 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 range from 80 cents to \$1.50 per hour for this part-time work.

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 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 as a School 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

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.

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 grade equivalent of "C" or better, 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 the work of character building.

Academic Requirements for Admission

I. By High School Graduation Certificate. 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 Educational Testing Service, 4641 Hollywood Blvd., Los Angeles 27, California.

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 of 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 quarter credits (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 Admissions 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 Curriculum 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.

Methods of Admission in Special Cases

a. As a Special Student. Provision is made in certain instances for the admission of mature individuals as "Special Students" even though they have

not graduated from high school. Such individuals must be over twenty-one years of age and show sufficient training to warrant their entrance to college classes. No "Special Student" may be considered as a candidate for any diploma or degree. In case he desires to qualify, he must meet the entrance requirements previously listed. In that case such work as he has already pursued may be credited toward a diploma only upon the recommendation of the heads of the departments involved.

b. *With Provisional Standing.* High school graduates or students transferring from other institutions, who are unable to meet all the requirements for admittance, may in certain instances be granted provisional standing pending such developments as may require time to be carried out. A student will not be allowed to remain in this classification longer than three quarters.

c. *As a Transient Student.* Students of other colleges who wish to register at Seattle Pacific with the intention of transferring credit earned here back to their own colleges, may be classified as "Transient Students." Such students must be in good standing in their own college and must submit a written statement from their college Registrar to that effect.

d. *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.

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.)

Provisional Students. All students who are high school graduates but have entrance deficiencies that have not been removed. Students cannot remain in this status longer than three quarters.

Special Students. Mature students over twenty-one years of age who are unable to meet the college entrance requirements but 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.

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, may be classified as "Transient Students."

Graduate Students. This classification includes all students with an approved baccalaureate degree whether working toward the master's degree or not.

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.

Sophomores—Students having not less than 45 credits and 90 grade points.

Juniors—Students having not less than 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 addition to the requirements for admission, all Freshmen are required to take a series of examinations during Registration Week in order to provide guidance in the pursuit of college work. 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 20, for instructions and the first of this series of tests.

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 adviser to assist them in the selection of subjects to study and arranging a class schedule. Students planning majors will do well to consult the heads of the appropriate departments before registration day in order that they 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. A fee of fifty cents is charged for each change of registration, except in such cases as are made necessary by action of the faculty. *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 Veteran's 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 adviser; 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 course 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 Requirements

General Requirements. Seattle Pacific College seeks to promote a sincere regard for genuine scholarly work on the part of all students. The Committee on Curriculum 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 180 quarter hours.

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.

Students who carry less than the regular academic load are ineligible to participate in intercollegiate contests, nor are they eligible to be rated for scholarship honors. 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 in non-credit courses or in order to meet departmental or entrance requirements shall count as part of the academic load.

Eligibility. The following standard of eligibility to participate in any inter-collegiate activity has been adopted by the faculty. In general, a student must maintain a grade point average of 1.75 or better. Students admitted on probation and those failing to make a grade point average of a least 1.75 during their previous quarter of attendance will be given temporary eligibility, for the first four weeks of the quarter. At the end of this four-week period their grade point average must be 1.75 or better in order to remain eligible for further participation during the quarter.

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

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.

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

The grade "S" is used for the satisfactory completion of such courses as Oratorio, State Manual, Freshman Guidance 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 fifty cents 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.

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 during the same period.

Except in cases of clerical error, no instructor may change a grade which he has turned into 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 teaching 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 toward 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."

(Departmental Majors are available in those departments marked with an "M")

I. LANGUAGE ARTS

Chinese
English, M
French, M
German
Greek

Japanese
Journalism
Latin
Spanish, M
Speech, M

II. FINE AND APPLIED ARTS

Applied Music, M (Organ, Piano,
Violin, Viola, Voice, Wind In-
struments)
Music Education, M
Music Theory and Literature, M

Art, M
Commercial
Home Economics, M
Industrial Arts, M

III. SOCIAL STUDIES

Economics and Business, M
History, M

Political Science, M
Sociology, M

IV. SCIENCES AND MATHEMATICS

Bacteriology and Public Health, M
Chemistry, M
Mathematics, M

Physics, M
Zoology, M

V. HEALTH AND PHYSICAL EDUCATION

Nursing Education, M

Physical Education, M

VI. EDUCATION AND PSYCHOLOGY

Education

Psychology, M

VII. PHILOSOPHY AND RELIGION

Biblical Literature, M
Christian Education, M

Missions, M
Philosophy, M

Majors

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

- A. *A Departmental 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 his 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. Transfer students are required to earn a minimum of 8 hours in their 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* (required for the B.A. in Ed. degree and for the Washington Provisional General Certificate) provides for a spread of academic study, according to the first five *Areas of Instruction*, as shown above, with a choice of any one of the three options.
 1. *Option one.* This is known as the *One-Area Teaching Major*. It consists of 60 credits to be selected from one of the first five *Areas of Instruction*, with these three stipulations:
 - a. Of the 60 credits, at least 36 must be taken in a *single department*, with the remaining 24 in other departments of the same area. The *One-Area Teaching Major* closely approximates a departmental major. By careful selection of courses, it is possible to achieve both majors. This procedure is strongly recommended for those looking toward high school teaching.
 - b. At least 18 of the 60 credits must be in courses numbered 300 and above.
 - c. Work of a "D" grade, while counting toward graduation, may not count toward satisfying this major.
 2. *Option Two.* This is known as the *Two-Area Teaching Major*. It consists of 60 credits, to be selected from two of the first five *Areas of Instruction*, with these three stipulations:
 - a. Of the 60 credits, no less than 15 may be taken in any one of the two chosen areas. This would allow for a division of the 60 credits on a 45-15 basis between the two areas. (The recommended division of the two areas is 36-24.)
 - b. At least 18 of the 60 credits must be in courses numbered 300 and above.
 - c. Work of a "D" grade, while counting toward graduation, may not count toward satisfying this major.
 3. *Option Three.* This is known as the *Three-Area Teaching Major*. It consists of 60 credits, to be selected from three of the first five *Areas of Instruction*, with these four stipulations:
 - a. Of the 60 credits, at least 20 must be taken in each of the three chosen areas. This would allow a division of the 60 credits on a 20-20-20 basis in the three areas.
 - b. At least 18 of the 60 credits must be in courses numbered 300 and above.
 - c. Work of a "D" grade, while counting toward graduation, may not count toward satisfying this major.
 - d. These 60 credits must be in excess of lower division requirements.
- C. *A Pre-Medic Major* provides a broad base in the sciences for medical school candidates.
 1. Not less than 70 credits in Bacteriology, Chemistry, Physics, and Zoology are required.
 2. Of the 70 credits presented, at least 30 must be upper division.
 3. Mathematics through Trigonometry is recommended.
- D. *Majors Required for the Masters Degree.* For requirements see Graduate School.

Baccalaureate Degree Requirements

- I. *General Uniform Requirements.* The following requirements must be met by all students looking toward graduation, regardless of whether working toward the B.A., the B.S., or the B.A. in Ed. degree. (Exception is made for Nursing students who must follow a special curriculum found later in this catalog.)
- A. Basic course requirements.
- | | |
|---|--------|
| 1. English Composition..... | 10 Cr. |
| 2. Biblical Literature..... | 12 Cr. |
| (Three of the 12 credits may be in Religion and Philosophy courses, other than Biblical Literature. At least three credits must be taken each year the student is in residence, unless the requirement has already been filled. All who graduate from Seattle Pacific College are required to take a minimum of three quarter credits of Biblical Literature in residence.) | |
| 3. Fine Arts (Music and/or Art)..... | 2 Cr. |
| 4. Economics or Sociology..... | 5 Cr. |
| 5. History or Political Science..... | 5 Cr. |
| 6. Health Education..... | 3 Cr. |
| 7. Physical Education (Activity)..... | 6 Cr. |
| (P.E. is required of all lower division students, unless excused by the college physician, except those who have attained the age of twenty-five. A student who attains the age of twenty-five during a quarter in which he is registered for the required physical education activity is held for the completion of that course.) | |
| 8. Natural Science (Laboratory or Demonstration) and/or Mathematics..... | 10 Cr. |
| (Courses taken must include, with the high school sciences, both the physical and biological fields.) | |
- B. Other general requirements.
1. Completion of a "major," as outlined, for the degree sought.
 2. Additional credits to total at least 180 with a grade average of "C" or better, exclusive of Physical Education activity.
 3. Of the total 180 credits or more presented, at least 60 credits in courses numbered 300 and above.
 4. 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.
 5. Satisfactory completion of specific requirements for the B.A. degree, the B.S. degree, or the B.A. in Ed. degree, as listed below.
 6. Written application made by the candidates at the beginning of the senior year.
- II. *Additional Requirements According to Degree.*
- A. For the Bachelor of Arts (B.A.) degree.
1. Completion of course requirements.

a. English Literature.....	3 Cr.
b. Elective from English, Speech and Journalism.....	3 Cr.
c. Foreign Language.....	15 Cr.
Students who have had two years of one foreign language in high school may satisfy the foreign language requirement by taking seven credits of electives in Language Arts (English, Speech, Journalism, or Foreign Language).	
d. Fine Arts (Music and/or Arts).....	3 Cr.
e. Psychology or Philosophy.....	5 Cr.
 2. Completion of Departmental major.
- B. For the Bachelor of Science (B.S.) degree.
1. Completion of course requirements.

a. Electives in Language Arts.....	6 Cr.
b. Psychology or Philosophy.....	5 Cr.

- c. Additional credits in Mathematics as required by the department.
 2. Completion of a departmental major in Science, Mathematics, or Physical Education.
- C. For the Bachelor of Arts in Education (B.A. in Ed.) degree.
1. Completion of general course requirements.

a. Additional credits in Language Arts (including Literature for teachers).....	6 Cr.
b. Additional credits in Fine and Applied Arts, including Public School Music, 3 credits, and Public School Arts and Crafts, 2 credits.....	3 Cr.
c. Washington State History and Government.....	3 Cr.
(History 360)	
d. Psychology (Psychology 100).....	5 Cr.
e. Elementary School Physical Education Program (P.E. 305).....	3 Cr.
f. The School Health Education Program.....	3 Cr.
(Zoology 349)	
 2. Completion of the professional education courses. The following courses should be taken in the listed sequence. Any deviation must have School of Education approval.

a. Introduction to Education (Educ. 191).....	3 Cr.
b. Human Growth and Development (Educ. 206).....	5 Cr.
c. Instructional Materials and Procedures.....	3 Cr.
(Educ. 307)	
d. Language Arts & Social Studies (Educ. 308).....	3 Cr.
e. Developmental Reading (Educ. 309).....	3 Cr.
f. Directed Teaching on Elementary and Secondary.....	16-24 Cr.
Levels.	
(1) If emphasizing the Elementary Level:	
(a) Directed Teaching in Elementary Schools (Educ. 376).....	16 Cr.
(b) Professional Laboratory Experiences on the Secondary Level (Educ. 389).....	5-8 Cr.
(2) If emphasizing the Secondary Level:	
(a) An additional eight credits in the One-Area or Two-Area teaching major subjects as are approved.....	8 Cr.
(b) Directed Teaching in Secondary Schools (Educ. 385).....	8 Cr.
(c) Professional Laboratory Experiences on the Elementary Level (Educ. 386).....	8 Cr.
g. A methods course following the directed teaching experience, such as Educ. 412 or its approved equivalent.....	3 Cr.
 3. Completion of an Area Teaching Major under Option I, II or III. (For explanation of Options see Majors above.)

Special Schools and Curricula

Seattle Pacific College maintains several Special Schools. Except for the Graduate School, these are Professional Schools but leading 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 preparation 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 and 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 a graduate of an approved four-year college with an A.B. or equivalent degree.

A student entering the graduate school having received a baccalaureate degree from a non-regionally accredited liberal arts college shall be accepted academically on *provisional status* providing he has an undergraduate average of "B" and would be accepted by the graduate school of a State University or other institution of comparable rating. A student having received a baccalaureate degree from a non-regionally accredited liberal arts college and desiring to enter the graduate school at Seattle Pacific College but unable to qualify in both points indicated above, is advised to first obtain a recognized baccalaureate degree either at Seattle Pacific College or some other regionally accredited liberal arts institution.

2. Be matriculated at Seattle Pacific College. This means for those who have not graduated at Seattle Pacific that application procedure must be followed the same as for undergraduate students.
 3. Have earned a grade score of 2.75 or better in the last 45 quarter credits of his baccalaureate work. Such a student is said to have a *clear status*. A student whose grade score falls below 2.75 may be given permission to enroll and be given a *provisional status*. This will be changed to *clear status* upon the completion of 12 credits in one quarter in courses carrying graduate credit with a grade score of 3.00 or better. 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 of 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.
 5. Within the first two weeks of the quarter in which a candidate expects to complete the requirements for the Master's Degree, he is required to notify the Director of Graduate Studies and Registrar of this status.
- 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. For the Majors in Biblical Literature and in Missions, Religion 563 is required. No graduate credit will be allowed for work below a "B" grade.
 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 12 (not including thesis) of the 36 credits must be in courses numbered 500 and above. No graduate credit will be allowed for work below a "B" grade.
- E. **Requirements for the Master of Arts or the Master of Education Degree.** In every case the candidate must meet the specific graduate requirements of the department in which he is working. Requirements for the Master of Arts Degree:
1. The satisfactory completion of 45 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 turned in at the Graduate School office at least one month prior to the date the candidate expects to receive the degree.
3. Thesis requirements shall be 6 to 9 credits. A student with *clear status* shall be permitted to register for thesis research in units of three credits each, and the grade shall be deferred until the completion of the thesis.
4. A reading knowledge of an approved foreign language.
5. Comprehensive written examination over the major field of study and oral examination over 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).

Requirements for the Master of Education Degree:

1. The satisfactory completion of 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 presented to the Graduate Council, according to a form it suggests, 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 research in units of three credits each, and the grade shall be deferred until the completion of the thesis.
4. Comprehensive written examination over the major field of study and oral examination of the thesis.
5. No grade below a "B" will be counted toward the graduate degree.
6. Have been in residence at least one school year (earning 45 credits) at Seattle Pacific College.
7. Have had one year of teaching experience.

Department of Religion Requirements for the Master of Arts Degree

The Master of Arts Degree with a major in Biblical Literature or Missions is awarded to graduate students who have shown marked proficiency in advanced liberal studies.

- A. Two areas of special study are available: Biblical Literature and Missions.
- B. Undergraduate foundation in Religion is essential. 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: Biblical Literature or Missions. 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.
- C. Specific requirements for admission to candidacy for the Master's Degree with a major in Religion.
 1. Have completed preliminary work in the field of religion and related subjects as indicated above under Section B.
 2. Present to the Graduate Council for approval a proposed program of study worked out in conference with the major professor. This proposed work must include the following: At least 45 credits of graduate level work, 36 credits of which must be in the field of Religion; the remaining 9 may be taken in cognate fields. At least 21 credits of Religion must be taken in 500 level courses, the thesis, representing from 6 to 9 credits, being included in this amount.

School of Education

WARREN N. WATSON, *Dean*

General Information

The School of Education offers opportunity for a wide range of professional study. Provision is made to meet the requirements of the Provisional General Certificate, the Continuing Certificate, and special administrative credentials. In addition to these Washington State certificates, provision is made for meeting the requirements of elementary and secondary certification in other states of the Union. Since each state sets up its own individual standards of certification, those students who are looking forward to teaching in states other than Washington should consult with the Office of Education upon beginning their work at Seattle Pacific College. The requirements for Washington teachers are listed in detail under description of the B.A. in Ed. degree.

Accreditation. 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. The college is also fully accredited by the Northwest Association of Secondary and Higher Schools, which is the general accrediting agency for this Pacific Northwest region.

Teacher Placement Service. The Teacher Placement Bureau is maintained for the purpose of providing opportunity for school administrators to learn about and interview graduates and former students. School of Education students desiring this service must make application during the first quarter of their senior year. The first service is free. Thereafter a charge of \$3.00 is made for bringing credentials up to date.

Professional Activities. The chief professional activity among students in the School of Education is membership in *Eta Pi Alpha*, which is the Seattle Pacific College chapter of the Future Teachers of America, a department of the Washington Education Association and the National Education Association. This chapter has for some years been recognized as one of the most active in the United States. This organization is open to all students of the School of Education. Excellent opportunity is provided through this national professional honorary organization for combining a professional outlook with a well-balanced social life.

In addition to *Eta Pi Alpha* activities, the students of the School of Education, from their very first introduction to the field of professional education, become aware of the role *professional laboratory experience* is to have in their pre-service education. A cumulative and detailed record is kept by the student of each experience.

Citizenship. United States citizenship is required of those receiving teacher certification from Washington as well as from other states. Those who do not have United States citizenship should confer with the Office of Education.

Course of Study. The faculty of Seattle Pacific College has aligned itself to the purposes and philosophy of the general certificate program in the State of Washington. The academic staff visit the first year teachers at least once; the education staff several times.

Students preparing for the general certificate may receive a baccalaureate degree and a provisional general certificate at the end of four years. The provisional certificate is valid for one year, renewable annually to a total of four years. One continuous year of initial teaching experience is required following pre-service education. A fifth year of teacher education is required following the first year of teaching experience and prior to issuance of the standard general certificate. This fifth year must begin immediately after the initial teaching experience, either as a full year or as a summer school.

Admission Into the School of Education. It is to the student's advantage to enroll in the School of Education the first or second year in attendance at Seattle Pacific. During these years Introduction to Education and Child Growth and Development are taken. Such a student is accepted as a *tentative*

candidate. The status of a *regular candidate* for the teacher's certificate is obtained during the third year, application being made in Education 307.

The following conditions must be met:

1. Satisfactory completion of the first five quarters of work, or its equivalent.
2. Approval as one possessing ideals and personality qualities which make for success in teaching.
- *3. A cumulative grade score of at least 2.00.
4. A cumulative grade score of at least 2.00 in professional Education courses.
5. A degree of health equal to that required by the State for certification.
6. Satisfactory classroom voice as shown by Speech Department analysis.
7. Approved selection of Option to be followed.

Professional Laboratory Experiences. Perhaps the most important part of the education of teachers in Seattle Pacific College School of Education is the opportunity for actual participation in the real task of teaching. Exposure to teacher-pupil-learning situations begins with the Introduction to Education in the freshman year and, it is hoped, continues throughout a long and successful teaching career. Each experience in the pre-service program is carefully and cooperatively selected to fit individual needs. Professional laboratory experiences must be obtained on both the elementary and high school levels. Seattle Pacific is especially fortunate to be situated in the midst of a number of cooperating school districts. The student should plan to devote all day for one quarter and a half-day for a second quarter, during the fourth year, to Directed Teaching. The student teacher works under, and is responsible to, the supervising teacher and the principal of the school. A large part of the professional guidance is performed by a supervisor with a limited number of student teachers or "cadets" under his or her supervision. Each such supervisor is a faculty member at Seattle Pacific College who 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., thus learning in a realistic way how to cope with some of the problems which teachers must face. Seattle Pacific College believes its program of directed teaching is second to none for the effectual pre-service education of teachers.

*This requirement is also a prerequisite for all directed teaching.

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.

Fifth College Year. The fifth college year following a year of teaching experience, which is a requirement for the Standard General Certificate, is worked out on an individual basis. At the present time such students are mainly interested in the remedial reading and short workshop courses offered during the summer term, as well as working toward the Master of Education degree. The staff welcomes the opportunity to confer on future plans.

The Master's Degree. For "Master of Education" degree requirements, see section under Graduate School.

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 radio broadcasts both on and off campus and occasional network programs. 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 in McKinley Auditorium, with the music staff composed entirely of present and former students. At the present time this broadcast is released each Sunday over the facilities of the American Broadcasting Company.

Instruction is offered in the following fields: Music theory and literature, public school music, applied music, radio, 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. They are also expected to be active members of the Euterpean Music Club. No 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.

Equipment

The facilities of the School of Music include five studios, office, two classrooms, band rehearsal room, tape recorders, record players, three-manual Kimball organ, two-manual Orgatron, two-manual Wurlitzer, a Deagan Concert Marimba, eight practice rooms, a listening room, and a number of band and orchestral instruments. 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 Martson and Miss C. May Marston.

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 an annual appropriation, these various collections are constantly being expanded and are supplemented by the music section of Seattle's Public Library.

Organizations

A *Cappella Choir*. Outstanding among the musical organizations at Seattle Pacific is this select group of approximately fifty singers. Since its organiza-

tion 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 and the Euterpeans.

College 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.

Marching Band. This group enables music students to combine physical education with music. Its regular work includes physical education, band playing and marching, plus compulsory attendance at athletic events.

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

Music Club. The Euterpeans—named for Euterpe, the muse of music—are active in promoting the general musical interests of the college. Activities include the sponsorship of campus musical programs, ushering at all concerts and arranging for group attendance at downtown concerts. Students majoring in music are required to be members of the Music Club, but membership is open to all students upon application. Officers for the following school year are elected each May. A student chapter of the Music Educators National Conference functions as a division of the Music Club.

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

Quartets. Probably no other college quartets in the Northwest are as well known as the Victory, Clarion and Crusader male quartets from S.P.C. These are organized each fall after rigorous tryouts and represent the college at churches, conventions, civic meetings and schools throughout a wide area.

S.P.C. Choraliers. A chorus of mixed voices singing secular and sacred repertoire prepared for both accompanied and unaccompanied performance. The group may divide at times to form separate men's and women's ensembles.

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.

Three curricula are offered in this department.

I. Major in Theory and Literature.

- A. Required courses: 101, 102, 103, 180, 201, 202, 260, 282, 283, 362, 382 and 383.
- 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, 282 or 283, 382 or 383.
- B. A minimum of 60 credits in music of which at least 24 are upper division.
- C. 18-24 credits in applied music, half 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.
- E. Membership in one of the campus choral or instrumental organizations each quarter.
- F. Meet required proficiency standards in piano.
- G. 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 instruction in Fine Arts with emphasis on Music must follow one of the curricula below.

A. One-Area Teaching Major.

This program is for the prospective secondary school teacher who selects Option I. Upon the completion of the general and professional courses required of all teaching candidates he will receive the Bachelor of Arts or Bachelor of Arts in Education degree.

1. Required courses: 101, 102, 103, 180, 201, 202, 260, 282 or 283, 343, 345, 362, 463.
2. 12 credits in applied music, private or class instruction, with a minimum of 6 in one branch. The remaining 6 must include each of the following: piano, strings, voice, brass, woodwinds.
3. 10 credits in ensemble. The student is required to participate in an approved ensemble each quarter and earn a minimum of 16 credits, only 10 of which will apply toward graduation requirements. 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. Two-Area Teaching Major.

This program is for the prospective elementary school teacher who selects Option II. Upon the completion of the general and professional courses required of all teaching candidates, he will receive the Bachelor of Arts in Education degree.

1. Music45 Cr.
 - a. Required courses: 101, 102, 103, 180, 260, 282, 283, 343, 345, 362.
 - b. 9 credits in applied music, private or class instruction, with each of the following areas represented: piano, strings, voice, brass, woodwinds.
 - c. 6 credits in ensemble. The student is required to participate in an approved ensemble each quarter and earn a minimum of 12 credits, only 6 of which will apply toward graduation requirements. Participation must be in both vocal and instrumental groups.
 - d. 3 credits in approved music electives.
 - e. Meet proficiency standards in piano.
 - f. 18 credits in music must be upper division.
2. Second Area of Concentration.....15 Cr.

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 makes it possible for students desiring a Bachelor of Science degree in Nursing to take pre-professional courses in the college of arts and sciences on our campus before entrance into a hospital as student nurses. Thus the nursing program offers the high school graduate an opportunity to combine a college education with professional training.

There are more opportunities than ever before for the graduate nurse with collegiate training, and the emphasis is increasingly placed on the need for a broad educational background for positions of leadership and responsibility. Hospitals, industry, public health agencies, schools and foreign service present a variety of openings for the qualified nurse. The mission fields of the world need competent nurses to care for the physical needs of the natives and to organize nursing education centers.

General Information

The basic nursing program leads to a Bachelor of Science degree and licensure as a registered nurse. The total length of the program is four and one-fourth calendar years or seventeen quarters. Students enroll at Seattle Pacific College for six quarters of academic study before transferring to a hospital division of the University of Washington School of Nursing for eleven quarters of clinical experience. During the sixth quarter, while the students are still on campus, they spend two days a week in the hospital divisions. The University Committee on Admissions determines whether a student enters Harborview Hospital Division or Swedish Hospital Division. Both hospitals offer 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. 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 College an official transcript. Because students carry only nominal enrollment at Seattle Pacific College during the clinical period, no graduation fee is charged.

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

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 two 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 an adviser 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 must provide her own uniforms, textbooks and special supplies.

Curriculum for the Basic Nursing Program

(Two-year Campus Portion)

1954-1955		1955-1956	
AUTUMN QUARTER		AUTUMN QUARTER	
	CREDITS		CREDITS
Eng. 101—Composition	5	Zoo. 229—Anatomy & Phys.	6
Psych. 100—General	5	Bact. 100—General	5
Zoo. 110—Health Educ.	3	Religious Literature	3
Religious Literature	3	P.E. activity	1
P.E. activity	1		15
	17		
WINTER QUARTER		WINTER QUARTER	
Eng. 102—Composition	5	Zoo. 230—Anatomy & Phys.	6
Psych. 101—Adjustment	5	Physics 170—For Nurses	5
Chem. 101—Inorganic	5	Pharm. 261—Elementary	2
P.E. activity	1	Electives	2
	16	P.E. activity	1
			16
SPRING QUARTER		SPRING QUARTER	
Chem. 230—Organic	5	*Nursing 291—Prin. & Pract.	5
Soc. 110—Survey	5	Elem. Nursing	5
H. Ec. 160—Nutrition	3	Pharm. 261—Pharmacology	3
Psych. 206—Child Gr. & Dev.	3	& Therapeutics	3
P.E. activity	1	Electives	6
	17	P.E. activity	1
			15

*Taken at hospital division under the University of Washington.

Program for the Graduate Nurse

Nurses who have graduated from accredited schools of nursing may complete collegiate studies leading to the Bachelor of Science or Bachelor of Arts degree. The college will allow a maximum of 65 quarter credits for a nursing program in an approved hospital school of nursing. Additional credits are allowed for courses taken in a junior college. 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 preparing for the mission field a graduate nurse may further equip herself by taking some of the many Biblical Literature and Missions courses as part of the requirements for a degree.

Admission to the Graduate Nurse Program

Complete transcripts from high school, school of nursing, and any college previously attended should be sent to the Registrar's Office for evaluation before advanced standing can be granted. High school requirements are the same as for the basic nursing program outlined above.

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

School of Recreational Leadership

KENNETH E. FOREMAN, *Director*

General Statement

Wholesome recreation provides an avenue to happiness. Recreation means more than activity, areas and facilities; recreation implies sound leadership. Leadership is the key to every successful program.

The well-trained recreational leader plans for and provides activities which challenge people of every age. He uses the tools of competition and responsibility to guide young men and women into socially acceptable patterns of living. The recreator coordinates with the church and school, public and private clubs and organizations to assist in leading youth of every color and creed into satisfying leisure time activity. Leadership is indispensable.

There are few areas which offer Christian men and women a greater opportunity for service than the fields of Physical Education and Recreation. In their unique role as leaders, physical educators are constantly in a position to challenge and inspire youth to wholesome living.

Seattle Pacific College is now in a position to offer a strong major to all who choose to be physical education teachers, playground leaders, boys' club directors or athletic coaches. The department has been greatly strengthened by the addition of a new Director of Women's Physical Education. She will give specific emphasis to the total women's physical education program, as well as offer professional courses for those majoring in Physical Education.

Facilities

The facilities for the School of Recreational Leadership 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 athletic plant with standard basketball playing court and seating capacity for approximately 2,500 spectators. In addition, there are facilities for individual sports activities, badminton, volleyball, shuffleboard, body building, gymnastics, boxing and wrestling.

Four well-equipped locker rooms make it possible for large classes to shower under hygienic conditions in a minimum of time. First aid and training rooms are centrally located to meet every emergency and assist in the treatment of minor injuries. All towels and gym clothes are laundered daily at the pavilion.

The Royal Brougham pavilion is well furnished with the latest equipment. Intercollegiate and intramural teams are issued uniforms for their protection and convenience. An equipment manager is on duty throughout the day to issue equipment to organized classes or individuals who have free time and wish to exercise.

Requirements for a Major in Physical Education

Students choosing to major in the area of physical education have a wide choice of course selections. Included in the P.E. curriculum are courses dealing with the scientific principles, fundamental skills and the practical application of coaching team sports and teach activities. A student working for a high school teacher's certificate should follow the proposed four-year program shown below.

Those who are interested essentially with recreational leadership should plan to meet with their adviser at the earliest possible date after enrolling at S.P.C.

All students majoring in Physical Education are required to take Physical Education 395 during their junior or senior year and prior to their practice teaching. This course is designed to provide students with practical experience in the techniques of group organization and leadership.

Proposed 4-Year Program for Those Looking Toward High School Teaching

FIRST YEAR					
P.E. 151	2	P.E. 172	2	P.E. 171	2
English 101	5	English 102	5	Zool. 3	3
Zool. 229	5	Zool. 230	5	Psych. 100	5
Ed. 191	3	Religion	3	Speech	3
P.E. activity	1	P.E. activity	1	Elective	2
	16		16	P.E. activity	1
					16
SECOND YEAR					
Religion	3	Music 106	2	Ed. 206	5
P.E. 173	2	Poli. Sci. 200	5	P.E. 296	3
Bact. 100	5	P.E. 216	3	P.E. 362	3
Physics 115	5	Elective Speech, or Lit.	5	Soc. 110	5
P.E. activity	1	P.E. activity	1	P.E. activity	1
	16		16		17
					17
THIRD YEAR					
P.E. 334	3	P.E. 361	3	Art 437	2
P.E. 322	3	Ed. 308	3	P.E. 325	3
Ed. 307	3	Bact. 349	3	P.E. 360	3
Music 341	3	Religion	3	Ed. 309	3
Art 336	2	P.E. 305	3	History 360	3
P.E. 395	1			P.E. 217	2
	15		15		2
					16
FOURTH YEAR					
P.E. 363	3	Directed Teaching	8	Electives	12
P.E. 450	3	P.E. 335	5	Ed. 412	3
English 471	2	Religion	3		3
Directed Teaching	8				15
	16		16		

Intercollegiate and Intramural Programs

To insure a thorough and well-rounded preparation for the physical education major, the intercollegiate and intramural programs have seen great expansion. Teams representing the college participate in basketball, baseball, track and field, tennis and golf with other leading colleges in the Northwest. The intramural program includes such activities as basketball, softball, volleyball, badminton, tennis and numerous other individual sports events. The pre-season all-college basketball tournament annually attracts over fifty per cent of the students in school. 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.

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 and 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.

Supplying Sunday School Teachers is a third class of the field work. Nearly one 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.

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, as well as 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 meetings on alternate Fridays 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.

Y.P.M.S. 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 the missionary activity.

Three Majors Available. The School of Religion provides for three distinct fields of major study; a major in Biblical Literature, a major in Christian Education, and a major in Missions. 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 four fields of study:

Biblical Studies (including Rel. 101, 102 and 103)	18 credits
Theology	10 credits
Church History (including Rel. 340)	8 credits
Missions 280 or 381	2 credits
Practical Field (including Rel. 261)	10 credits
2. Supporting subjects required:

Speech	6 credits
Philosophy (including Philosophy 101)	5 credits
3. Supporting subjects recommended:

English Literature	8 credits
Music 100, 260 and 371	
Philosophy (including Philosophy 204 and 301)	6 credits
Psychology	10 credits

NOTE: Students who contemplate attending a graduate Theological seminary may substitute courses in some one academic field for 4 credits in each of the areas of study, except missions, listed above under "1"; 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 (204 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, Personal Evangelism, Christian Education and Directed Teaching in the Church School, along with Basic Christian Beliefs, Church History and 15 credits of Bible study.
2. Required supporting subjects: Education 307, Psychology 100 and Psychology 206.
3. Recommended electives: 6 credits in Speech, 10 credits in Sociology, one course in Philosophy and Music 100 or 101, 260 and 371.

Curriculum B: For Church Secretaries, 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: Education 307, Psychology 100 and Psychology 206.
3. Requirements in either one or both Secretarial Science and Music:
 - a. Secretarial Science: Proficiency in both Shorthand and Typing, plus one course in Office Management.
 - b. Music: Music Fundamentals, Song Leadership and Hymnology, plus applied music in at least one field, according to interest.
4. Recommended electives: 6 credits in Speech, 10 credits in Sociology, and one course in Philosophy.

III. Major in Missions.

(For requirements see under The School of Missions below.)

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 effectively 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 credit and courses without credit.

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 A.B. 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, home economics and industrial arts.

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-five credits in Missions and other Religion courses, of which 25 must be upper division, including Missionary Principles, History of Missions, Missionary Methods and Practices, Religions of the World or Roman Catholicism, Anthropology, Problems of Modern Missions, Basic Christian Beliefs, Church History, 7 credits in the practical field, and 15 credits of Bible study.
2. Required supporting subjects: First Aid, Health, Phonetics, studies in history, civilization, culture and government of the peoples 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, 101, 111, 116, 180 or 220; or basic study in Radio, including Physics 141, Speech 260 and 365, and Music 251.

3. Recommended electives: 7 credits in Music 100, 101, 260, 271 or 371; 10 credits in Psychology 100, 101, 321 or 435; 10 credits in Sociology 110, 240 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 religions. Or, he might follow one of the following curricula:

B. Missions-Education Curriculum. More and more emphasis is constantly being placed on the educational aspect of missionary work. 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 14 quarter program the general education curriculum and the basic elements of the missions curriculum. Leading to a B.A. degree and a Provisional General Certificate, it will include:

1. General education curriculum (Option II recommended).
2. Part 1 of the general missions curriculum, with the exception of Church History and the 7 credits in the practical field.
3. Required supporting subjects: First Aid, Health, Phonetics, and studies in the history, civilization, culture and government of the peoples 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 Part I 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. in Nursing degree. 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: Missionary Principles, Missionary Methods and Practice, Religions of the World or Roman Catholicism, Problems of Modern Missions, Basic Christian Beliefs, and as much Bible study as possible.

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 sequence: Freshman or Sophomore years: Religion 180 and Religion 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, 495 and 490.

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, home economics, or home nursing; 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 other 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 of 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.

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 Bacteriology, Chemistry, Physics and Zoology. A total of 70 such credits is required, 30 of which must be Upper Division. Mathematics through Trigonometry is required.

Combined Curricula

In some cases it is possible to enter a professional school (Dentistry, Law, Medicine) at the close of the Junior year. Such students may be granted a Bachelor's Degree from 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.

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

The following schedule by years is recommended 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 Bacteriology and Public Health, Chemistry, or Zoology. Those deviating from this plan should do so only with the assistance of their major professor.

FIRST YEAR		THIRD YEAR	
	CREDITS		CREDITS
English Composition	10	Chemistry 345, 346, 325	15
Zoology 101, 102	10	Foreign Language	15
Bible Literature	6	Physiology	10
Physical Education	3	Bible Literature	3
Psychology 101	5	Electives	2
Speech	2		
Mathematics	10	Total	45
Electives	2		
		FOURTH YEAR	
Total	48		CREDITS
SECOND YEAR		Electives in Major Field	15
	CREDITS	Bible Literature	3
Physics 101, 102, 103	15	Math. & Science Electives	15
Chemistry 11, 112, 113	15	Electives	12
Physical Education	3		
History	5	Total	45
Music or Art	2		
Health Education	3		
Sociology	5		
Total	48		

Other Pre-Professional Curricula

In addition to the special curricula listed in this catalog there are other pre-professional curricula available by special arrangement. Careful planning with the chairman of the committee of Admissions is advisable in every such case.

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 only 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 course in which the enrollment is less than six. No fee will be charged for changes in registration owing to such cancellation.

Art

Assistant Professor, ARMETTA MEDLOCK

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.

101. DESIGN
Three credits.
A study of the principles of art structure, their development through original problems; an appreciation of the fine arts.
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 quarter.
This course is planned for those interested in the part that art plays in interior design and in everyday life. It also includes a brief study of artists, sculpturers and architects.
213. LETTERING
Three credits. Spring quarter.
A course in lettering based upon principles of design. Brush and pen techniques. Free hand work.
226. CHALK TALKS
Two credits. Spring quarter.
Designed to provide practice and guidance in drawing before an audience. Emphasis upon presentation of story or talk illustrated with chalk.
236. ART METAL WORK
Two credits. Winter quarter.
(For description, see Industrial Art 236.)
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.
322. CHRISTIAN ART
Three credits. Spring quarter.
A study of religious paintings, the artist, design of pictures and lessons taught. Excellent for use in religious service.
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.
341. PAINTING
Three credits. Spring quarter.
Painting still life and composed pictures with lectures on composition.

378. ARTS AND CRAFTS

Three credits. Winter quarter.

Design and construction in leather, plastics, textile, etc. A course for teachers and hobbyists.

417. CERAMIC SCULPTURE

Two credits. Winter quarter.

Problems of ceramic sculpture realistic and abstract, in relief and in the round. Emphasis on self expression.

437. BASIC ARTS FOR THE TEACHER

Two credits. Autumn and Spring quarters.

Work in design, drawing, crafts to aid the teacher in the understanding of art. Includes a study of art appreciation in painting, sculpturing and architecture.

481. HISTORY OF ART

Three credits. Winter quarter.

Art from Renaissance to present day. Emphasis is placed upon a study of artists and their painting.

NOT OFFERED IN 1954-55

119. DRAWING

Three credits.

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

202. DESIGN

Three credits.

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

315. CERAMICS

Two credits.

Designing and constructing simple clay forms in slab, coil, casting and modeling.

380. HISTORY OF ART

Three credits.

A study beginning with pre-historic art and continuing until Renaissance. Emphasis upon sculpturing, architecture and minor arts.

437. OIL PAINTING

Three credits. Prerequisite, 9-10.

Painting still life and composed pictures in oil with lectures on composition.

Bacteriology and Public Health

Professor, CHARLES F. SHOCKEY

Requirements for Major: A total of 40 hours in the department.

100. BACTERIOLOGY

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.

151. HEALTH PROBLEMS IN PRIMITIVE COMMUNITIES

Three credits. Summer 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. Winter 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 BACTERIOLOGY

Five credits. Spring quarter. Prerequisite, Course 100.

The principles of sanitary science as applied to milk and others.

364. FOOD PROCESSING

Three credits. Spring 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 BACTERIOLOGY

Five credits. 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

Twelve credits. 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.

417. SCHOOL AND CHURCH RESPONSIBILITY IN COMMUNITY HEALTH

Three credits. Autumn quarter.

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.

446. DISEASE TRANSMISSION AND CONTROL IN PRIMITIVE COMMUNITIES

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

A study of the means of disease transmission and the methods 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.

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 1954-55

115. SURVEY OF BACTERIOLOGY AND PUBLIC HEALTH

Five credits.

An introduction to the field of Bacteriology 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.

- 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.
- 340. IMMUNOLOGY**
Five credits. Prerequisite, Course 100.
 A consideration of the phenomena of specific disease protection with implications for both individual and community health. A lecture course.
- 347. TROPICAL DISEASES**
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.

Chemistry

Professor, BURTON D. DIETZMAN

The scope of Chemistry has continually expanded for the past century. Life as we know it today is largely the product of applied Chemistry. The chemical industry has grown until it includes an ever-widening variety of personnel. In addition to the research and control chemist, most chemical companies also employ salesmen, engineers, stenographers and patent attorneys. Continued progress in medical sciences will be based to a large extent on a thorough knowledge of Chemistry.

A liberal arts college is well equipped to serve students needing Chemistry as a basis for continued training leading to the professions of medicine, engineering or other fields, 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.

Requirements for Major: A major in Chemistry requires a total of forty-five quarter hours, including Courses 111, 112, 113, 325, 335, 336, 346, 351, 352, 453 or their equivalents. In addition, majors are expected to complete their language requirement in French or German, Mathematics through Plane Analytic Geometry and Physics 101, 102 and 103. Students expecting to continue graduate study in Chemistry should complete Mathematics through Differential and Integral Calculus. Bacteriology is recommended.

Requirements for education students electing chemistry as a broad area of concentration, Option I, the following courses or their equivalent should be completed: Chemistry 111, 112, 113, 325, 335, 336 and 5 hours electives.

101. INORGANIC CHEMISTRY

Five credits. Winter quarter.

In this course the basic laws of Chemistry will be applied to a considerable extent to the application of Chemistry in nursing. 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 basic lecture and one two-hour laboratory periods 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.

115. SURVEY OF CHEMISTRY

Five credits. Summer quarter.

A survey course covering the structure of the atom, conditions affecting chemical reaction, and the application of chemistry in many of the fields associated with modern day living. Demonstration work will usually be limited to experiments that can be demonstrated with equipment easily accessible to grade school teachers. Five lecture periods per week.

211. LABORATORY TECHNIQUE

Two credits. Offered on demand. Prerequisite, Upper Division standing or permission of instructor.

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

230. ORGANIC CHEMISTRY FOR NURSES

Five credits. Spring quarter. Prerequisite, Course 112 or 101.

A study of the simpler laws of Organic Chemistry with their application in the field of nursing. This course is recommended for any student expecting to take 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 hour per week.

335, 336. ORGANIC CHEMISTRY

Three credits. 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 and pre-medics, and other people that qualify.

345. ORGANIC LABORATORY

Two credits. Winter and Spring quarters. Prerequisite, Course 335 or concurrent with 335.

Preparation of representative aliphatic compounds. Two three-hour laboratory periods per week. Credit dependent upon completion of Course 335.

346. ORGANIC LABORATORY

Two credits. Winter and Spring quarters. 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.

351, 352. PHYSICAL CHEMISTRY

Five credits. 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.

453. 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.

480. UNDERGRADUATE RESEARCH

Five credits. Prerequisite, 35 hours of Chemistry and a B average in Chemistry.

Chinese Language and Culture

Instructor, WEN-DJANG CHU

25. INTENSIVE CHINESE

Offered according to demand.

An intensive instruction with private tutoring (groups up to five persons). It is designed to occupy from two-thirds to the entire time of the student. The course is of great value to prospective missionaries to China and to those looking toward foreign service.

101, 102, 103. ELEMENTARY CHINESE

Five credits per quarter. 101, Autumn quarter; 102, Winter quarter; 103, Spring quarter.

This course includes a study of pronunciation, the essentials of grammar, reading and writing.

321, 322, 323. CONVERSATIONAL CHINESE

Five credits per quarter. Offered according to demand. Prerequisite, permission of instructor.

An intensive work on the Chinese national language. May be entered any quarter.

380. CHINESE CIVILIZATION

Three credits. Winter quarter.

A general survey of: (1) historical, geographical, religious and intellectual background of Chinese civilization. (2) social and economic organizations.

381. HISTORY OF CHINA

Five credits. Spring quarter.

A study of Chinese history from the earliest time to the end of the Second World War.

Economics and Business Administration

Professor, MENDAL B. MILLER

Associate Professor, CRAWFORD M. BISHOP

Associate Professor, LUCILLE I. PILOT

Instructor, LEONARD P. VIDGER

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.

The department offers two majors:

Majors in Economics. Forty credits in Economics and Business subjects must be earned, twenty of which must be upper division courses. The courses required for a major will be chosen by the instructor.

Majors in Business Administration. Forty credits in Economics and Business subjects must be earned, twenty of which must be upper division courses. The courses required for a major will be chosen by the instructors.

152. BEGINNING TYPEWRITING

Two credits. Summer and Autumn quarters.

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. Autumn and Winter quarters. 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.

161. BEGINNING SHORTHAND

Three credits. Autumn quarter.

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.

163. ADVANCED SHORTHAND

Three credits. Spring quarter. Prerequisite, Course 162 or equivalent.

Broadening of the vocabulary; increase in speed of taking dictation from 80 to 100 words a minute; beginning transcription.

171. RECORD KEEPING

Two and a half credits. Summer quarter.

A study of business transactions and a simple, acceptable way of keeping records of these transactions. Prepares the student to keep in an accurate and orderly manner the financial affairs of his family or his clubs, and of his profession or business.

172. SECRETARIAL BOOKKEEPING

Five credits. Autumn quarter.

Basic principles of modern record keeping and accounting theory, with adaptations of these fundamentals to various business and professional situations.

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 WRITING

Three credits. Winter quarter. Prerequisite, Course 153 or equivalent.
Study of letters of inquiry, order, follow-up, credit and collection; practice in planning and writing letters; review of fundamentals of grammar, punctuation, and spelling.

271. OFFICE MACHINES

Three 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.

275. PERSONAL FINANCE

Five credits. Fall quarter.
A study of personal estate planning and investments, designed to guide the student in savings and investments.

301. ECONOMIC GEOGRAPHY

Five credits. Summer and Fall quarters.
Survey of world resources and geographical factors affecting their production and distribution.

307. FOREIGN TRADE

Five credits.
Basic principles and practices of foreign trade, including a survey of international organizations.

311. LABOR PROBLEMS

Five credits. Summer and Winter quarters.
A study of the structure, policies and operations of labor and management organization; methods of collective bargaining and settlement of disputes; relation of government to industrial relations and social legislation; law and labor cases.

318. REAL ESTATE

Three credits. Spring 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.

351. PERSONAL INCOME MANAGEMENT

Two and a half credits. Summer 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.

352. SECRETARIAL TRAINING

Three credits. Autumn quarter. Prerequisite, Course 163 or equivalent.
Speed studies in taking dictation and in transcription. Study of shorthand forms for specialized fields such as retailing, insurance, radio, law, etc.

353. ADVANCED SECRETARIAL TRAINING

Three credits. Winter quarter.
Continuation of Course 352. Increase in dictation speed to 140 words per minute and over. Work in more specialized fields.

354. OFFICE MANAGEMENT

Three credits. Spring quarter.
The general principles of organization and supervision of an office, selection and training of personnel, office planning and layout, purchasing and care of supplies and equipment.

357. OFFICE PROCEDURE

Three credits. Spring quarter. Prerequisite, Course 353 or equivalent.
A finishing course in secretarial training. A study of common office duties and the more specialized type of secretarial duties. Opportunities for realistic and practical experience in secretarial work.

358. SECRETARIAL LABORATORY

Three credits. On demand. Prerequisite, Course 357.
An assignment of one hundred hours' work in a school office under the supervision of the secretarial instructor.

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 problem of measurement of profit and loss.

368. ECONOMIC HISTORY OF THE UNITED STATES

Five credits. Autumn quarter.
See History 368.

400. MANAGEMENT AND BUSINESS POLICY

Five credits. Winter quarter. Prerequisite, Econ. 200, 212, 252.
The application of principles of economics and business to the problems of management.

NOT OFFERED IN 1954-55

160. PERSONAL TRAINING FOR BUSINESS

Two credits. Autumn quarter. Prerequisite, Course 153 or equivalent.
A survey of the work of the secretary and of the qualities and training required for success in secretarial work.

272. FILING

Three credits. Autumn quarter.
Filing rules and principles; practice work in indexing, alphabetizing, and organizing filing work by alphabet, numbers, places, and subjects; card filing.

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. Spring quarter.
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 institutions.

314. PRINCIPLES OF INSURANCE

Two and one-half credits. Summer quarter.
The risk factor in its economic and social aspects. Nature and business use of the more important types of life, fire and casualty insurance, and surety bonding. State regulation of insurance.

320. MONEY AND BANKING

Five credits. Winter quarter.
Monetary theories and banking principles, with special reference to contemporary developments in the field of money and banking in the United States; the Federal Reserve System, and banking laws.

355. TEACHING OF BUSINESS 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, shorthand, and bookkeeping.

401. CORPORATE ORGANIZATION AND FINANCE

Three credits. Autumn quarter.

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

Education

Professor, WARREN N. WATSON

Professor, PHILIP F. ASHTON

Professor, GOLDA B. KENDRICK

Professor, VIVIAN LARSON

Supervisor, OLIVE GOODMAN

Lecturer, DONALD BLAIR

Lecturer, ROLAND LEWIS

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

- 30. STATE MANUAL**
No credit. Every quarter.
- 191. INTRODUCTION TO EDUCATION**
Three credits. Autumn and Spring quarters.
An introduction to the teaching profession and a study of the State Manual. This course includes directed observations.
- 206. CHILD GROWTH AND DEVELOPMENT**
Five credits. Autumn and Spring quarters. Prerequisite, Psychology 100.
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, 206.
A study of methods and practices of classroom mechanics, pupil motivation, and pupil evaluation built around the subjects of Science and Mathematics for all grade levels.
- 308. LANGUAGE ARTS AND SOCIAL STUDIES**
Three credits. Autumn, Winter and Spring quarters. Prerequisites, Education 191, 206.
Desirable methods and practices in the teaching of the language arts and the social studies for all grade levels.
- 309. DEVELOPMENTAL READING**
Three credits. Autumn, Winter and Spring quarters. Prerequisites, Education 191, 206.
An examination of methods and materials used in the instruction of the developmental reading program.
- 376. DIRECTED TEACHING IN ELEMENTARY SCHOOLS**
Sixteen credits. Autumn, Winter and Spring quarters. Prerequisite, Education 307, 308 and 309 or their equivalent and permission.
A course in which the student does observation and actual teaching in selected public elementary schools. Weekly and individual conferences will be held at appointed times. Assignment of quarter will be made by the School of Education.
- 385. DIRECTED TEACHING IN SECONDARY SCHOOLS**
Eight credits. Autumn, Winter, Spring and Summer quarters. Prerequisites, Education 307, 308 and 309 or their equivalent and permission.
A course in which the student does observation and actual teaching in selected public secondary schools. Individual conferences will be held at appointed times. Assignment of quarter will be made by the School of Education.

- 388. PROFESSIONAL LABORATORY EXPERIENCES ON THE ELEMENTARY LEVEL**
Eight credits. Autumn, Winter and Spring quarters. Prerequisite, permission.
A laboratory experience in the public elementary schools, including observation, student assistance and teaching.
- 389. PROFESSIONAL LABORATORY EXPERIENCES ON THE SECONDARY LEVEL**
Five-eight credits. Autumn, Winter and Spring quarter. Prerequisite, permission.
An opportunity for those who have finished their elementary directed teaching to observe, assist and teach in the public secondary schools.
- 391. PUBLIC EDUCATION IN WASHINGTON**
Two credits. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
Designed primarily to acquaint newcomers with the State of Washington's educational pattern. This includes the State Manual.
- 412. INSTRUCTIONAL PROBLEMS OF TEACHING**
Three credits. Autumn, Winter and Spring quarters. Prerequisites, directed teaching experience and permission.
Designed for those who wish advanced work on how to teach children. Problems in special subjects may be selected for emphasis.
- 413. PUPIL GROWTH AND EVALUATION**
Two and one-half credits. Summer quarter. Prerequisite, permission.
Original study of tests of intelligence and achievement, and methods of measuring personality and character traits. Training in the organization of test data.
- 414 to 419. CURRICULA AND METHODS IMPROVEMENT**
Three credits each. Selected offerings each quarter. Prerequisite, directed teaching experience.
Courses where special problems growing out of teaching experience may be explored.
- 420, 422, 424. THE EDUCATION WORKSHOP**
Five credits each. Autumn, Winter, and Spring quarters. Prerequisite, teaching experience.
Designed not only to give teachers an opportunity for individual problem solving, but also to provide experience in group processes.
- 425 to 435. THE IMPROVEMENT OF TEACHING**
Three credits each. Selected offerings each quarter. Prerequisite, directed teaching experience.
An opportunity to develop techniques, methods and curricula in the several areas of interest as selected each quarter. A few of these areas are arithmetic, English, language arts, physical education, reading, social studies and science.
- 454 to 470. THE SUMMER WORKSHOPS**
Two credits each. Summer quarter. Prerequisite, teaching experience.
A program of half-day, two-week workshops selected from the following areas: arithmetic, arts and crafts, audio-visual techniques, community relations, creative dramatics, English, language arts, music, physical education, reading, science and writing. Refer to summer catalog for offerings.
- 477. WORKSHOP IN REMEDIAL READING 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.
- 486. DIRECTED TEACHING, ADVANCE COURSE**
Five credits. Autumn, Winter and Spring quarters. Prerequisite, permission.
An advanced course in teaching technique, involving directed teaching in the public schools.

487. DIRECTED TEACHING IN THE READING 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 477.
490. SCHOOL GUIDANCE PROGRAMS
Two and one-half credits. Summer quarter.
A practical course in educational, cultural and occupational guidance with application to elementary and secondary levels. Close-ups of actual guidance programs in operation.
- 501, 502. INTRODUCTION TO GRADUATE STUDY
Two and one-half credits. Summer quarter. Prerequisite, permission.
Research problems in education; historical and scientific methods; design of investigation; bibliographical techniques; methods of reporting results.
506. SOCIAL PSYCHOLOGY
Five credits. Summer quarter.
Social basis of the self; nature of primary groups; institutional relations in roles; exceptional and unconventional roles; collective behavior.
525. HISTORY OF EDUCATIONAL THOUGHT
Two and one-half credits. Summer quarter. Prerequisite, permission.
The great educational classics and their meaning for modern man as interpreted through the four main channels of educational philosophy.
568. GUIDANCE AND SUPERVISION OF STUDENT TEACHERS.
Three credits. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
Designed for graduate students who are preparing for supervisory positions in colleges of education, and for public school teachers who supervise students in their directed teaching.
595. RESEARCH
(Varies.) Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
Individual research on specific subjects designated at the time of registration.
- 597, 598, 599 RESEARCH STUDY
Three credits. Autumn, Winter, Spring and Summer quarters. Prerequisite, permission.
The special study or thesis course.

NOT OFFERED IN 1954-55

400. ADVANCED EDUCATIONAL PSYCHOLOGY (2½)
473. (463) ELEMENTARY EDUCATION SEMINAR (3)
474. (462) PRINCIPLES AND METHODS OF SECONDARY EDUCATION (3)
475. (465) FUNCTIONAL SUPERVISION IN PUBLIC SCHOOLS (3)
526. HISTORY OF EDUCATION (2½)
540. CURRENT EDUCATION PROBLEMS (2½)
545, 546. PROBLEMS IN PUBLIC SCHOOL FINANCE (2½, 2½)
580, 581. EDUCATION ADMINISTRATION (2½, 2½)

COURSES IN OTHER DEPARTMENTS WHICH ALSO CARRY EDUCATION CREDIT

231. Sociology 231. STATISTICS. (5)
240. Sociology 240. GROUP BEHAVIOR. (5)
268. Art 268. ELEMENTARY ARTS AND CRAFTS. (3)
305. Physical Education 305. ELEMENTARY SCHOOL PHYSICAL EDUCATION PROGRAM. (3)
336. Art 336. ART FOR TEACHERS. (2)
341. Music 341. ELEMENTARY SCHOOL MUSIC. (3)

349. Bacteriology and Public Health 349. THE SCHOOL HEALTH EDUCATION PROGRAM. (3)
352. Sociology 352. THE FAMILY. (5)
360. History 360. WASHINGTON STATE HISTORY AND GOVERNMENT. (3)
361. English 361 (471). 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. Physical Education 450. ORGANIZATION AND ADMINISTRATION OF THE PHYSICAL EDUCATION PROGRAM. (3)
453. Bacteriology and Public Health 453. METHODS AND MATERIALS IN HEALTH TEACHING. (3)
472. Sociology 472. JUVENILE DELINQUENCY. (5)
486. Zoology 486. TODAY IN SCIENCE. (5)

English

Professor, ELVA McALLASTER

Associate Professor, ANNABELLE LAUGHBAUM

Assistant Professor, KENNETH L. MILES

Instructor, ELEANOR TATE

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 adventures 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 simply life transferred to the printed page, courses in this department give emphasis to Christian perspectives.

English 101 and 102 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 and 102, 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 12 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.

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; 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. Meets three times a week.

101, 102. ENGLISH COMPOSITION

Five 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 of memorable poems, with elementary analysis of the qualities in and value of poetry.
- 222. INTRODUCTION TO PROSE**
Three credits. Winter quarter.
Appreciative class study of prose types, especially the short story and the novel, presenting information which will enable the student to do more intelligent and satisfying reading.
- 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 for interpreting human experience.
- 231, 232. SURVEY OF AMERICAN LITERATURE**
Three credits per quarter. Winter and Spring 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. Autumn 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 Destoyevsky.
- 342. SHAKESPEARE: TRAGEDIES**
Five credits. Winter quarter.
Study of the greatest plays from England's greatest playwright. Analysis of literary techniques, concepts 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, Burn's Scottish melodies.
- 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.
- 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**
Two credits. Autumn and Summer quarter. Does not apply toward a major in English.
A course designed to assist teachers in selecting and teaching literature appropriate for the various levels.
- 375. 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.
- 385. CREATIVE WRITING**
Two credits. Spring 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.
- 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.
- NOT OFFERED IN 1954-55
- 331. AMERICAN LITERATURE**
Three credits.
A study of the literature produced by New England writers. Includes Emerson's noble 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.
A study of regional American writing exclusive of New England. Attention to American folklore, to literature of the deep South and the far West, Opportunity for individual reading projects with reports to the class.
- 333. AMERICAN LITERATURE**
Three credits.
A study of the novel in America, especially as handled by novelists Mark Twain, William Dean Howells and Henry James.
- 341. SHAKESPEARE: COMEDIES AND HISTORIES**
Five credits.
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.
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.
- 349. THE ENGLISH NOVEL**
Five credits. 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.

353. ROMANTIC LITERATURE*Three credits.*

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.*

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 book-seller's lists of today and the recent past.

358. CONTEMPORARY ENGLISH AND AMERICAN POETRY*Three credits. 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.*

A scrutiny of the evolution 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.

386. SHORT STORY WRITING*Three credits.*

Various phases of short story technique: plot development, characterization, handling of dialogue, use of settings. Individual projects with class criticism.

450. BROWNING*Five credits. Prerequisite: 10 credits in English literature.*

An investigation of the lyrics, dramas and narratives of Robert Browning, especially *The Ring and the Book*. Emphasis on poems revealing the poet's philosophy of life, his faith, his cultural perspectives, and his genius for character delineation.

French*Professor, GOLDA B. KENDRICK*

Requirements for Majors: 35 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 credit 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, Spring. No credit for French 101 until completion of French 102. Prerequisite for French 103, French 102 or three high school semesters or equivalent.

204, 205, 206. INTERMEDIATE FRENCH READING

Three credits. Autumn, Winter, Spring. Prerequisite for French 204, French 103 or four semesters in high school or equivalent.

207, 208, 209. INTERMEDIATE FRENCH COMPOSITION AND CONVERSATION

Two credits. Autumn, Winter, Spring. Prerequisite for French 207, French 103, or equivalent.

301, 302, 303. ADVANCED COMPOSITION AND CONVERSATION

Two credits. Autumn, Winter, Spring. Prerequisite, French 209 or equivalent or three years of high school French.

Review of intermediate French grammar. Detailed and organized study of grammar and syntax, conversation, composition and dictation.

307, 308, 309. FRENCH THEMES

Two credits. Autumn, Winter, Spring. Prerequisite, French 302 or equivalent.

Writing of original composition in French. Individual conferences.

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, 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, Spring.

Supervised reading in French on history, art, architecture, literature or music according to special interest.

German*Professor, C. MAY MARSTON***101. ELEMENTARY GERMAN**

Five credits. Autumn quarter.

Grammar, composition, reading with conversation. Collateral required in all courses.

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 103 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, 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. A student who has not had two years of Latin in high school is urged to take Latin 101-102, 103. Courses in Ancient History and Philosophy are recommended 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.
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. Apology and Crito.
- 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.
- 334, 335, 336. **GREEK DRAMA**
Three credits per quarter. 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. 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 IN 1954-55
- 325, 326. **READINGS IN GREEK PROSE**
Three credits per quarter, Prerequisite Greek 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

Professor, MABEL R. SHIPLEY

Instructor, WEN-DJANG CHU

Requirements for Majors: Students planning to major in history are required to complete History 111 and 112. In addition a candidate must elect thirty-five credits, of which twenty-four must be in upper division courses distributed so as to include credits in both American and European history. The history department also asks that students majoring in history complete at least one basic course in each of the fields of sociology, economics and political science. 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 teacher certification who are electing social studies as a broad area with a concentration in history are required to take history courses well distributed between the American and European fields. Specific requirements are History 111, 112, and 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 and Summer quarters.
 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.
225. **HISTORY OF ENGLAND**
Five credits. Spring and Summer quarters.
 A study of the development of England from Roman times to the present.
280. **HISTORY OF THE FAR EAST**
Five credits. Autumn quarter.
 A survey of the history of the countries of the Far East from the earliest times to the present.
319. **EUROPE BETWEEN THE WORLD WARS**
Five credits. Summer quarter.
 A study of European history covering the years between the Peace of Versailles and the outbreak of the Second World War.
341. **COLONIAL AMERICA**
Five credits. Winter 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.
355. **RECENT UNITED STATES HISTORY**
Three credits. Spring quarter.
 A study of political, economic, social, and cultural history of the United States from the close of World War I to the present.
360. **WASHINGTON STATE HISTORY AND GOVERNMENT**
Three credits. Spring quarter. 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.
368. **ECONOMIC HISTORY OF THE UNITED STATES**
Five credits. Autumn quarter.
 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.
381. **HISTORY OF CHINA**
Five credits. Spring quarter.
 (For description see Chinese 381.)
413. **RENAISSANCE AND REFORMATION**
Five credits. Autumn quarter.
 Study of the Italian Renaissance and its influence upon Europe together with the origin and subsequent development of the Protestant movement throughout Europe.

415. **FRENCH REVOLUTION**
Five credits. Winter quarter.
A study of France beginning with 1763 and continuing through the revolutionary period to the close of the Napoleonic Wars in 1815.
417. **EUROPE 1870-1914**
Five credits. Winter quarter.
A study of the period between the Franco-Prussian War and the First World War including an analysis of fundamental causes of the latter.
452. **EARLY TWENTIETH CENTURY AMERICA**
Three credits. Summer quarter.
A study of the United States from the turn of the century to the end of World War I.

Home Economics

Assistant Professor, DOROTHY KREIDER
Instructor, GRACE DEMARAY
Part-Time Instructor, MABLE MCMULLEN

Courses in Home Economics are designed for two types of students: (1) Those who desire courses in Home Economics to be taken as electives for the aid they give in the development of household procedures, and (2) those who wish to major in Home Economics in preparation for a given career in the field.

A major given in Home Economics requires that 45 credits be earned in the department, 18 of which must be upper division.

Specific courses will be outlined by the instructor, dependent upon one's specialized interest in foods, clothing, home management or design. For those preparing for a career in the field of foods or nutrition, it is advised that chemistry meet the science requirement.

100. **INTRODUCTION TO HOME ECONOMICS**
Two credits. Autumn quarter.
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.
103. **BASIC DESIGN**
Five credits. Autumn and summer quarters.
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 fields of clothing selection and house design and furnishings.
111. **HOUSEHOLD MECHANICS**
Two credits. Winter quarter.
(For description see Industrial Arts 111.)
130. **NEEDLECRAFT**
Two credits. Winter quarter.
Application of the various needle arts together with an attempt at mastery of the basic stitches in each needle art.
140. **CLOTHING CONSTRUCTION**
Five credits. Autumn quarter.
Beginning course offered in clothing construction. The fundamental principles.
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 two 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. Preservation of foods included.

166. **FOODS PREPARATION**
Five credits. Winter quarter.
Limited to the consideration of flour mixtures. A course in the manipulation and temperatures for baked products.
330. **TEXTILES LABORATORY**
Three credits. Winter quarter.
Information applied to the selection and maintenance of fabrics and ready-made garments. Interpretation of labels and advertising.
340. **CLOTHING CONSTRUCTION**
Five credits. Winter quarter. Prerequisite, Course 140.
Pattern designing for wool dresses. Problem in handling silk material.
341. **TAILORING**
Five credits. Spring quarter. Prerequisites, Courses 140 and 340.
Basic principles of suit and coat construction. Study of comparative costs of ready-to-wear clothing.
365. **ADVANCED FOOD PREPARATION**
Five credits. Spring quarter. Prerequisites, Courses 165 and 166.
Application of fundamental principles in meal planning and serving. Shopping for, preparing and serving the various meal patterns to specific needs.
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.
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.
306. **TABLE APPOINTMENTS AND HOUSEHOLD ACCESSORIES**
Three credits. Summer quarter.
The history and design analysis of porcelain, glassware, silver and linen. Emphasis upon consistent relationships and functionalism.
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.
400. **HOME ECONOMICS TEACHING METHODS**
Three credits. Spring quarter.
A study of the curriculum in Homemaking Education, for Junior and Senior high school. Solving problem procedures. Finding pupil development through laboratory demonstration, field trips and by means of visual aids.
405. **HOME FURNISHING**
Three credits. Spring quarter.
Direct application of the principles of art to the selection and arrangements of fabrics and wallpapers together with furniture, rugs, pictures, china, glass and silver. Achieving an interior design that will give esthetic pleasure.

Industrial Arts

Assistant Professor, WILLARD P. TREPUS

The offerings in the department provide a broad area of information and experience through lecture, demonstration and laboratory work for a general interpretation of our industrial order of society.

Students electing Industrial Arts as a broad area of concentration, Option 1, are required to complete the following courses before taking directed teaching in secondary schools. I. A. 101, 114, 116, 236, 261, 333, 340 and 341.

Requirements for a major: A total of 42 credits, 21 of which must be upper division.

101. **ELEMENTARY DRAFTING**
Three credits. Autumn quarter.
Training in the use of drawing instruments, selection and care; freehand lettering and sketching. Orthographic, isometric and auxiliary planes of projection. Six laboratory periods a week.
102. **DRAFTING (MACHINE DESIGN)**
Three credits. Winter quarter. Prerequisite, Course 101.
A course in machine drawing, sections and conventions. Forms of fasteners and screw threads and specifications. Intersections and development. Tracing and inking. Six laboratory periods per week.
111. **HOUSEHOLD MECHANICS**
Two credits. Winter quarter.
A lecture course dealing with appliances of electrical and mechanical nature. Evaluation of consumer goods. Demonstration in maintenance and minor repair of tools, furniture and mechanical equipment of the home.
114. **WOOD TURNING**
Two credits. Winter and Summer quarters.
Care and use of the lathe and accessories. Spindle and face plate turning of assigned practice projects. Final project selected by student and approved by the instructor. Assembly and finishing methods. Four laboratory periods per week. By appointment.
116. **GENERAL WOODWORKING TECHNIQUES**
Three credits. Autumn quarter.
A study of the general methods of construction involving care and adjustment of power and hand woodworking equipment. Four laboratory periods per week.
118. **MINIMALIC STRUCTURES**
Three credits. Spring quarter.
A study of industrial arts for the elementary grades. Structures in miniature, a means of visual-aid for motivation of study in a given subject area. Four laboratory periods per week.
220. **ADVANCED CABINET MAKING**
Three credits. Prerequisite, Course 116.
Continuation of Industrial Arts 116 with emphasis upon furniture design requiring both wood turning and cabinet work. Application of jigs, inlaying and finishing. Six laboratory periods per week.
236. **ART METAL WORK**
Three credits. Spring quarter.
The correlation of metal work and design in the construction of useful articles from copper, brass, aluminum and pewter, etching, saw piercing, annealing and hammering; soldering and antique finishes. Six laboratory periods per week.
340. **SHOP ORGANIZATION AND MANAGEMENT**
Two credits. Prerequisite, Course 116.
Lecture course on shop organization, arrangement of equipment, upkeep and repair of power equipment, source of supplies, storage, saw filing and sharpening of common tools.
350. **RECREATIONAL CRAFT**
Two credits. Summer and Spring quarters.
A laboratory course designed to give experience in construction of archery, fly tying, rod making and model making, source of supplies and equipment. Four laboratory periods per week.
203. **DRAFTING (ARCHITECTURAL)**
Three credits. Prerequisite, I. A. 101.
Elements of architecture and structural drawing dealing with residential sections, perspective and design. Six laboratory periods per week.

NOT OFFERED IN 1954-55

230. **WELDING**
Two credits.
Fundamentals of electric arc and acetylene welding with application to machine parts and framed structures. Four laboratory periods per week. By appointment.
261. **MACHINE SHOP PRACTICE**
Three credits.
Fundamentals and practice in machine tool operations with reference to and use of the engine lathe. Six laboratory periods per week.
333. **THE GENERAL SHOP**
Three credits.
A study of the trends and merits of a general shop program.
341. **INDUSTRIAL ARTS PROCEDURE**
Three credits. Prerequisites, I. A. 101, 116 and 236.
A study of shop problems in regard to instructional methods. Project selection and arrangement sequence for general and unit shop. Progress and responsibility charts; evaluating and grading.
366. **GENERAL MACHINE SHOP PRACTICE**
Three credits. Prerequisites, I. A. 102 and 261.
A study and practice in general machine shop procedure. Individual project work involving welding, machining, shaping, milling, application of jigs and fixtures. Six laboratory periods per week.
410. **APPLIED MECHANICS**
Three credits. Prerequisites, I. A. 101 and Math. 103.
A study and solution of problems involving the principles of mechanics and their application to mechanisms.
424. **PERIOD FURNITURE**
Three credits.
A study and reproduction of period furniture. For students who have completed woodworking courses through Course 220 and wish to do more advanced work in wood. By appointment. Six laboratory periods per week.
470. **MACHINE SHOP LABORATORY TECHNIQUE**
Three credits. Prerequisites, I. A. 101, 102, 261 and 366.
A further study in machine shop technique revolving around a given problem. By appointment. Six laboratory periods per week.

Japanese

Part-Time Instructor, SOON CHUL HONG

- All of the courses include materials which are essential to the preparation for the mission fields.
25. **INTENSIVE JAPANESE**
Offered every quarter, according to demand. Credits by arrangement.
This course is intensive instruction with private tutoring (groups up to five persons), with the course being especially arranged. Intensive Japanese is designed to occupy from two-thirds to the entire time of the student.
- 101, 102, 103. **ELEMENTARY JAPANESE**
Five credits per quarter. Autumn, Winter and Spring quarters.
This course includes a study of pronunciation, the essentials of grammar, the reading and writing of spoken Japanese in *Romanji*. The emphasis is placed upon the mastering of fundamentals of syntax, basic vocabulary and conversation.

Journalism

Professor, ELVA A. MCALLASTER

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 publicity and Christian publicity and Christian publishing.

201. JOURNALISM

Three credits. Autumn quarter. Prerequisite: B average in high school English or English 101 and 102.

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 of the *Falcon*.

210. FEATURE WRITING

Two credits. Winter 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.

NOT OFFERED IN 1954-55

202. NEWSWRITING

Two credits. Prerequisite: Journalism 201 or equivalent.

Practice in handling more complex types of news stories, with study of examples from current newspaper practice.

386. SHORT-STORY WRITING

Three credits. Prerequisite: English 101 and 102.
(For description, see English 386.)

Latin

Professor, WINIFRED E. WETER

Requirements for Majors: Forty-five credits. Students working for teacher certification with a major concentration in Latin must present at least thirty-six credits. Good supporting subjects are English, another language or History.

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.

NOT OFFERED IN 1954-55

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.

Selections from Cicero, Letters and Orations. Vergil, *Aeneid* Books 1-VI.

207, 208. COMPOSITION AND SYNTAX

Two credits per quarter. To be taken simultaneously with 204, 205.

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

209. SUPPLEMENTARY READINGS

Two credits. To be taken simultaneously with 206.

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

Mathematics

Professor, BURTON L. BEEGLE

Assistant Professor, MELVIN A. HARRISON

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.

101. ADVANCED ALGEBRA

Five credits. Autumn quarter. 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. Prerequisite, 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 hyperbole, plane loci, parametric equations and practical applications.

215. ADVANCED ANALYTIC GEOMETRY

Five credits. Winter quarter. Prerequisite, Course 103, 105.

A study of the general equation of the second degree, diameters, poles and polars, determinants, higher plane curves, the plane, the line, and quadric and other surfaces.

217. ADVANCED TRIGONOMETRY

Three credits. Spring quarter. Prerequisite, Courses 103 and 104.

A study of complex numbers, DeMoivre's and Euler's theorems, trigonometric series, the computation of logarithmic tables, hyperbolic functions, and spherical trigonometry.

321. DIFFERENTIAL CALCULUS

Five credits. Autumn quarter. Prerequisite, Courses 101 and 103.

A study of the theory of limits, continuity, average and instantaneous rates of changes of 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.
432. DIFFERENTIAL EQUATIONS (ORDINARY)
Five credits. Autumn quarter. Prerequisite, Course 323.
A study of the fundamental principles and devices which will enable the students to integrate most of the equations which they will meet in the further study of pure mathematics or mathematical physics.
466. ELEMENTARY VECTOR ANALYSIS
Five credits. Spring quarter: Prerequisite, Course 323.
Fundamental concepts, calculus of vector functions of space and time, Stoke's and divergence theorems, curvilinear coordinates and applications to physical problems.

NOT OFFERED IN 1954-55

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.
455. ADVANCED CALCULUS
Five credits. Prerequisites, Courses 323 and 432.
Differential and integral calculus of functions of several variables, infinite series, line and surface integrals, Fourier series and orthogonal functions.

Music

Professor, LAWRENCE R. SCHOENHALS, Choral Music, Theory
Associate Professor, WINIFRED J. LEIGHTON, Strings, Public School Music
Assistant Professor, N. HUBERT WASH, Voice, Choral Music
Instructor, LEON V. METCALF, Public School Music
Instructor, MABEL JONES MOYER, Piano
Instructor, ROBERT SCRANDRETT, Piano, Music History and Literature
Part-Time Instructor, WINSTON A. JOHNSON, Organ, Church Music

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, class piano or equivalent.
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. HARMONY 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.

- 111C. CLASS INSTRUCTION—BRASS
One credit per quarter, maximum three.
Two class sessions per week. Enrollment limited to six 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.
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 six 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 six 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.
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. CHORAL ENSEMBLE
One credit per quarter, maximum six.
Three rehearsals per week. Open to men and women upon tryout. This group known as S. P. C. Choraliers prepares a repertoire of both secular and sacred compositions for concerts. May be repeated.
135. MARCHING BAND
One credit per quarter, maximum six. Prerequisite, ability to perform on a band instrument.
Includes physical education, band playing and marching, plus compulsory participation at athletic events. Two sessions per week. Open to both men and women. Does not count on major. May be repeated.

- 136. CONCERT BAND**
One credit per quarter, maximum six. Prerequisite, ability to perform on a band instrument.
 Two rehearsals per week. 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. May be repeated. Class limited to strings and selected woodwinds. Performance of works from the extensive chamber music literature.
- 180. MUSIC APPRECIATION**
Two credits. 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.
- 201, 202. HARMONY 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.
- 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.
- 260. SONG LEADERSHIP**
Two credits. Autumn and Winter Quarters. Prerequisite, Course 100 or equivalent.
 A practical course in the fundamentals of song leadership, beginning with the use of simple hymn tunes.
- 271. MUSIC FOR MISSIONARIES**
One credit per quarter. Prerequisite, one year of piano study.
 Two laboratory periods per week. Group instruction on instruments suitable for use in primitive areas. Techniques and materials for music in evangelism.
- 282. SURVEY OF MUSIC LITERATURE**
Two credits. Winter quarter. Prerequisite, Course 180.
 Music of the classic period. Aural analysis of representative compositions of the period, with emphasis on the development of sonata form and of opera.
- 283. SURVEY OF MUSIC LITERATURE**
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 historic and social environment.
- 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.
- 313. INDIVIDUAL INSTRUCTION—PERCUSSION**
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.
- 331. ORATORIO SOCIETY**
One-half credit per quarter. Autumn and Spring quarters.
 Open to students who have earned two credits in Course 131.
- 332. CHORAL ENSEMBLE**
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.
- 334. 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.
- 336. CONCERT BAND**
One credit per quarter, maximum six.
 Open to students who have earned six credits in Course 137.
- 341. ELEMENTARY SCHOOL MUSIC**
Three credits. Autumn, Winter and Spring quarters. Prerequisite, Course 100 or equivalent.
 Survey of materials, proper use of singing voice, development of rhythmic response and training in music reading.
- 343. JUNIOR AND SENIOR HIGH SCHOOL MUSIC**
Three credits. Spring quarter. Prerequisite, Course 341.
 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.
- 345. BAND AND ORCHESTRA TECHNIQUES**
Two credits. Winter quarter. Prerequisites, Course 260 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.
- 355. ELEMENTARY RADIO PRODUCTION**
Three credits. Spring quarter.
 A non-professional course dealing with student radio techniques, types of programs, preparation of individual broadcasts, recording techniques and script writing.
- 362. CHORAL CONDUCTING**
Three credits. Winter quarter. Prerequisite, Course 101 and 260 or equivalent, and at least one year's singing experience in a campus choral group.
- 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.

376. **THE CHURCH ORGANIST**
Two credits. Winter quarter. Prerequisite, Course 103 and ability to perform on the organ.
 Includes the study of modulation, transposition, improvisation, registration, conducting from the console, hymn-playing and repertoire for the junior, mixed and combined choirs.
377. **CHURCH MUSIC REPERTOIRE**
Two credits. Autumn quarter.
 A survey and analysis of music for organ, choir, and soloists appropriate for use in the church.
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.
463. **INSTRUMENTAL CONDUCTING**
Three credits. Spring quarter. Prerequisite, Course 362 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.
480. **HISTORY OF AMERICAN MUSIC**
Two credits. Autumn quarter.
 A survey of music in America from Colonial times to the present.
- 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.
- 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 1954-55

- 105, 106, 107. **EAR TRAINING AND SIGHT SINGING**
One credit. Prerequisite, Course 100 or equivalent.
 Two laboratory periods per week for drill in sight singing, rhythmic and melodic dictation.
307. **EIGHTEENTH CENTURY COUNTERPOINT**
Five credits. Prerequisite, Course 202.
 Counterpoint in two and three parts in the style of J. S. Bach.
356. **MUSIC IN RELIGIOUS BROADCASTING**
Two credits. Prerequisite, Course 103.
 Treatment of the gospel song and hymn on religious broadcasts. Making of musical arrangements.
375. **MUSIC AND WORSHIP**
Two credits.
 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.

- 382, 383. **MUSIC HISTORY AND LITERATURE**
Three credits per quarter. Prerequisites, Courses 180, 282, 283.
 A broad, comprehensive study in human thought as it has pertained to music development during the baroque, classical, romantic and modern periods.
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.

Nursing Education

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, discussions and laboratory procedures correlated.
251. **NURSING (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. **NURSING (PHARMACOLOGY AND THERAPEUTICS)**
Three credits. Spring quarter.
 A course dealing with drugs; their sources, uses, characteristics, dosage and untoward reactions.
- *291 **NURSING ARTS**
Five credits. Autumn and Spring quarters.
 Elementary nursing techniques and patient care. Includes lectures, laboratory periods and supervised hospital practice. For nurses only.
- * Taken at hospital division under the University of Washington.

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 Major: A major in Philosophy consists of the satisfactory completion of at least 40-2 credits, including Courses 101, 103, 201, 202, 204, 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: 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 to social, political, economic and personal problems.

302. PERSONALISM*Three credits. Winter quarter.*

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.

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.*

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.

NOT OFFERED IN 1954-55

204. ELEMENTARY LOGIC*Three credits. Winter quarter.*

A study of orderly and consistent thinking. Observation of classical methods of thought. Use of deductive and inductive methods.

201, 202. HISTORY OF PHILOSOPHY*Three credits per quarter. Winter and Spring quarters.*

An introduction to the great philosophers of the western world from 600 B. C. to 1600 A. D. A study of the development of the leading ideas in European thought. The third quarter takes up the history of thought at the point where the second quarter ended and carries it on to the present.

301. PHILOSOPHY OF RELIGION*Three credits. Autumn quarter.*

An examination of relationships between philosophy and religion, especially the basic philosophic assumptions by which is established the validity of religious experience. The problem of God, immortality, evil and personal experience.

464. PHILOSOPHY OF CHRISTIAN EDUCATION*Three credits. Winter quarter.*

(For description see Religion 464.)

Physical Education

Assistant Professor, KENNETH E. FOREMAN

Assistant Professor, VIRGINIA L. HOFFMAN

Instructor, E. DALE PARKER

Students planning to major in physical education will find a proposed four-year program in the section "School of Recreational Leadership."

All students are required to satisfactorily complete six quarters of physical education activity prior to graduation. A student who has been excused from physical education activity by the school physician during any one quarter must fulfill the P. E. requirement at a later date. Students who have attained the age of 25 are exempt from P. E. activity.

- 101 m Touch football
- 101 w Individual sports
- 102 m-w Speedball
- 103 m-w Basketball
- 104 m-w Volleyball

105 m-w Gymnastics, tumbling and balancing

106 m-w Badminton

107 m-w Softball

108 m-w Golf and archery

109 m-w Tennis

110 m Body building

111 m Track and field

112 m Individual sports

113 m-w Modified sports

135 m-w Marching band

150 m Varsity athletics

1 credit Autumn, Winter and Spring quarters. Basketball, Tennis, Baseball, Track and Field. Open to freshmen and sophomores who report for a regular varsity squad.

151. INTRODUCTION TO PHYSICAL EDUCATION*Two credits. Autumn quarter.*

Orientation in the fields of health and physical education, professional opportunities, methods and materials for organizing programs and qualifications and training necessary for teaching.

171. PHYSICAL EDUCATION METHODS*Two credits. Winter quarter.*

Development of skills in gymnastics, tumbling, calisthenics, class organization and group marching.

172. PHYSICAL EDUCATION METHODS*Two credits. Spring quarter.*

Development of skills in badminton, golf and archery. Techniques in classroom teaching.

216. FIRST AID AND SAFETY*Three credits. Winter quarter.*

Satisfies Standard and Advanced American Red Cross First Aid certification.

305. ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS*Three credits. Winter and Spring quarters.*

Program planning, characteristics of different age groups, individual and team game activities for elementary grades.

322. PHYSIOLOGY OF MUSCULAR EXERCISE*Three credits. Autumn quarter. 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.

324. CAMP LEADERSHIP*Three credits. Spring quarter.*

Organization of the camping program, facilities, counselling and leadership.

334. PRINCIPLES OF PHYSICAL EDUCATION*Three credits. Autumn quarter.*

Social, biological and educational foundations. The place of physical education in the school program.

350. RECREATION CRAFTS*Three credits. Spring and Summer quarters.*

(For description of course, see Industrial Arts 350.)

360. METHODS IN TEACHING TRACK AND FIELD*Three credits. Spring quarter.***361. METHODS IN TEACHING BASKETBALL***Three credits. Winter quarter.*

395. **ADVANCED METHODS IN PHYSICAL EDUCATION**
One credit. Autumn, Winter and Spring quarters.
Methods in classroom procedure. Organizing activities, evaluating performance. Experiences in assisting in classes.
465. **TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION**
Three credits. Spring quarter.
Their place in health and physical education; criteria for selection. Formulation of a testing and measuring program.
- NOT OFFERED IN 1955-56
173. **PHYSICAL EDUCATION METHODS**
Two credits. Autumn quarter.
Development of skills in tennis, volleyball, soccer and speedball. Techniques in teaching individual and team games.
217. **CONDITIONING AND CARE OF ATHLETIC INJURIES**
Two credits. Winter quarter.
Prevention, types, diagnosis and treatment of athletic injuries.
296. **INTRODUCTION TO COMMUNITY RECREATION**
Three credits. Spring quarter.
Nature, function and scope of organized recreation. Essential elements in a recreational program. The operations and the program of community recreation.
335. **KINESIOLOGY AND BODY MECHANICS**
Five credits. Winter quarter. 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. Spring quarter.
363. **METHODS IN TEACHING FOOTBALL**
Three credits. Autumn quarter.
450. **ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION**
Three credits. Autumn quarter.
Problems of organization and administration.

Summer Session Only

451. **PROBLEMS IN ATHLETIC COACHING AND ADMINISTRATION**
Three credits.
453. **METHODS AND MATERIALS IN TEACHING SCHOOL HEALTH**
Three credits. Summer quarter.
(For description of course, see Bacteriology 453.)

Physics

Professor, O. M. MILLER
Assistant Professor, MELVIN A. HARRISON

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 fifty years. Great as these changes have been, the very recent discovery of methods for releasing atomic energy promises still more startling changes in the near future. An acquaintance with this rapidly advancing field and its 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, ten credits in Chemistry, and should have taken or be ready to take calculus.

A total of forty-one credits in the department are required of Physics majors. At least twenty-six of these credits must be in upper division work. In addition to this the candidate must complete ten credits in Chemistry and Mathematics through differential equations.

- 101, 102, 103. **GENERAL PHYSICS**
Five credits per quarter. Autumn, Winter and Spring quarters. Course 101 prerequisite to 102; 101 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 session each week.
115. **SURVEY OF PHYSICS**
Five credits. Spring 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.
141. **ELEMENTARY RADIO**
Three credits. Winter quarter. No prerequisite.
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.
170. **PHYSICS FOR NURSES**
Five credits. Winter quarter.
Special emphasis upon applications of Physics in the field of nursing and in the home.
- 321, 322. **INTRODUCTION TO MODERN PHYSICS**
Three credits per quarter. Autumn and Winter quarters. Prerequisite, Physics 103, Mathematics 323, Chemistry 111.
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.
350. **HEAT AND THERMODYNAMICS**
Five credits. Autumn quarter. Prerequisite, Physics 103, Mathematics 321.
A critical study of the general field of heat. Fundamental heat relationships developed with applications made to heat engines and refrigeration. Four lecture periods and one two-hour laboratory session each week.
423. **NUCLEAR PHYSICS**
Five credits. Spring quarter. Prerequisite, Physics 322.
A study of the nucleus including nuclear structure and energy states, natural and induced radioactivity, energy-mass conservation, artificial disintegrations, nuclear reactors, and the like.
- 440, 441, 442. **EXPERIMENTAL PHYSICS.**
Two credits per quarter. Prerequisite, twenty-five credits in Physics and grade score of 3.50.
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.
- 491, 492. **MECHANICS**
Five credits per quarter. Winter and Spring quarters. Prerequisites, Physics 103, Mathematics 323.
A study of the mechanics of translation and rotation, elasticity, harmonic motion, hydro-dynamics and vibration. Four lecture periods and one two-hour laboratory session each week.

NOT OFFERED IN 1954-55

- 825, 826. ELECTRICITY AND MAGNETISM**
Four credits per quarter. Prerequisite, Physics 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.
- 840. SOUND**
Four credits. Prerequisite, Physics 103, Mathematics 321.
 A study of the production and characteristics of sound, with emphasis placed on practical applications. Three lecture periods and one two-hour laboratory session each week.
- 860. OPTICS**
Five credits. Prerequisite, Physics 103, Mathematics 321.
 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.
- 427. ELECTRONICS**
Five credits. Prerequisite, Physics 326, Mathematics 321.
 A study of the theory of vacuum tubes and their applications in communication and other industries.

Political Science

Professor, F. WESLEY WALLS
Instructor, WEN-DJANG CHU

Requirements for a Major: Students majoring in Political Science are required to earn at least forty quarter credits in the department, twenty of which must be in upper division courses. Each student must include in his schedule Political Science 101.

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, the American Constitution.

- 101. INTRODUCTION TO GOVERNMENT**
Five credits. Autumn quarter.
 An introduction to the forms and functions of modern government; political principles and institutions.
- 210. AMERICAN GOVERNMENT**
Five credits. Winter quarter.
 A study of the principles of American government, historical background, mechanics of operation.
- 220. COMPARATIVE GOVERNMENT**
Five credits. Spring quarter.
 A study of democratic governments compared and contrasted to totalitarian governments.
- 230. INTERNATIONAL RELATIONS**
Five credits. Winter 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 time; particular attention to post World War II.
- 835. INTERNATIONAL ORGANIZATION AND ADMINISTRATION**
Five credits. Spring quarter.
 A survey of the development of international organizations with particular attention to the United Nations; practice and procedure of international conferences.

- 388. CURRENT DEVELOPMENTS IN THE FAR EAST**
Five credits. Autumn quarter.
 An analysis of the current situation in the Far East, particularly Japan and China.
- 850. POLITICAL PARTIES AND ELECTIONS**
Three credits. Autumn quarter.
 Growth of the American party system, political campaigns, election methods and practices.
- 866. STATE AND LOCAL GOVERNMENT**
Three credits. Winter quarter.
 A consideration of the structure, function, and procedure in state and local government. Particular attention is devoted to the State of Washington.
- 440. HISTORY OF POLITICAL THOUGHT**
Five credits. Spring quarter.
 A study of the major political concepts from early Greek thought to the 20th century major political ideas.
- 445. AMERICAN DEMOCRATIC 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 deal with democratic philosophy and documents which reveal basic democratic principles. Especially recommended for teachers in the Social Studies and Social Sciences.

NOT OFFERED IN 1954-55

- 330. FOREIGN RELATIONS OF THE UNITED STATES-EUROPE**
Five credits.
 The origin and development of American Foreign policies; particular attention is devoted to relations with European countries.
- 337. PROBLEMS OF THE PACIFIC AREA**
Five credits.
 Problems relative to the post World War II situation in China and Korea; the occupation of Japan; the Territory of the Pacific.
- 365. MUNICIPAL GOVERNMENT AND ADMINISTRATION**
Three credits.
 A study of the form and function of city governments, methods and problems of organization and administration in modern municipalities.
- 870. INTRODUCTION TO PUBLIC ADMINISTRATION**
Three credits.
 An introduction to administrative principles; the formulation of policy, organizational problems, and control of function.
- 485. AMERICAN CONSTITUTIONAL DEVELOPMENT**
Five credits.
 A study of the American Constitution by means of case studies; nature of the Federal union, taxation, commerce, contract, citizenship.

Psychology

Professor, PHILLIP F. ASHTON
Professor, WARREN N. WATSON

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 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. Winter quarter.
Nature of personality and ways in which personalities are formed in adjusting to the world.
206. **CHILD GROWTH AND DEVELOPMENT**
Five credits. Autumn and Spring quarters.
(For description, see Educ. 206.)
240. **GROUP BEHAVIOR**
Five credits. Winter quarter.
(For description, see Soc. 240.)
305. **ABNORMAL PSYCHOLOGY**
Five credits. Spring 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.
390. **SCHOOL GUIDANCE PROGRAM**
Two and one-half credits. Summer quarter.
(For description, see Educ. 390.)
401. **HISTORY OF PSYCHOLOGY**
Three credits. Autumn quarter.
The experimental and theoretical backgrounds of modern psychology, especially in the nineteenth century.
402. **MODERN VIEWPOINTS IN PSYCHOLOGY**
Three credits. Winter quarter.
The theoretical and experimental basis for structuralism, behaviorism, Freudianism and Gestalt.
413. **PUPIL GROWTH AND EVALUATION**
Two and one-half credits. Summer quarter.
(For description, see Educ. 413.)
492. **READINGS IN PSYCHOLOGY**
Two credits.
Reading in special interest areas under supervision of staff members. Prerequisite, permission.
- NOT OFFERED IN 1954-55
231. **SOCIAL STATISTICS**
Five credits.
(For description, see Soc. 231.)
307. **PSYCHOLOGY OF ADOLESCENCE**
Two and one-half credits.
A survey of the physical and personality development of the adolescent. Prerequisite, 206.
321. **APPLIED PSYCHOLOGY**
Three credits.
The application of Psychology to individual competence and occupational activities. Personal efficiency, vocational, industrial, and business Psychology; Psychology applied to law, medicine and the ministry.

435. **COUNSELING AND INTERVIEWING**
Three credits.
Methods of securing information in the interview concerning an individual's personal problems, and interviewing procedures for helping the individual solve his problems. Emphasis on non-directive counselling. Prerequisite, 101 or 305.
444. **PSYCHOLOGY OF EXCEPTIONAL CHILDREN**
Two and one-half credits.
Behavior patterns of exceptional children, such as the mentally retarded, the physically handicapped, and superior children. Prerequisites 100, 101 and 206.

Religion

Professor, ELVIS E. COCHRANE
Professor, E. WALTER HELSEL
Associate Professor, JOSEPH L. DAVIS
Assistant Professor, DONALD DEMARAY
Instructor, 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. Autumn and Spring quarters.
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. Winter 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. Autumn 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. Spring 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. Winter 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.
- 305. THE EPISTLES OF PETER AND JOHN**
Two credits. Spring quarter. Prerequisite, 6 credits of Bible study.
This course will take students into a detailed, first-hand study of these Epistles. Consideration will be given to the date and authorship, with main emphasis on the message of the books, individually.
- 307. WISDOM LITERATURE**
Two credits. Spring quarter.
The literature and philosophy of the Hebrews as reflected in Job, Proverbs, Ecclesiastes and Song of Solomon.
- 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. Winter 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**
Three 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.
- 405. ROMANS**
Autumn quarter.
(For description, see "Theological Field.")
- 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 be that of the book-study method.

- 407. EPISTLES OF PHILIPPIANS AND COLOSSIANS**
Two credits. Autumn quarter.
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.
- 501. OLD TESTAMENT INTRODUCTION**
Five credits. Spring quarter. 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. Autumn quarter. 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.
- 504. PARABLES OF JESUS**
Three credits. Winter quarter.
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.
- 597-98-99. THESIS RESEARCH**
Three credits each quarter.

NOT OFFERED IN 1954-55

- 306. REVELATION**
Three credits. Spring quarter. Prerequisite, 6 credits of Bible study.
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.
- 503. JEREMIAH**
Three credits. Winter quarter. Prerequisite, 6 credits of Bible study.
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.

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. Not open to upper division majors in Religion.
- 405. 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.
- 422. BIBLE DOCTRINE OF HOLINESS**
Five credits. Winter quarter.
A thorough investigation of the Bible doctrine, finding evidence, both scriptural and experimental, of the great human need, and the adequate provision for it through the Atonement; use of a basic test 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 1954-55

- 420, 421. **SYSTEMATIC THEOLOGY**
Five credits. Winter and Spring quarters.
 An extensive study of the doctrines of the Bible, the institutions of Christianity, the existence of God, the deity of Christ, the personality and deity of the Holy Spirit, the Trinity, the fall of man, free moral agency, the atonement, repentance, faith, justification, the resurrection, the judgment, the future state, the evidence of Christianity, the moral of Christianity, the Sabbath, baptism, and the Lord's Supper. Unit course.

Church History

202. **NEW TESTAMENT BACKGROUNDS**
Three credits. Spring quarter.
 (See description under Biblical Field.)
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. Spring quarter.
 A course designed to promote a better understanding among denominations by a study of the origin and history of denominations. Each student will be required to make a detailed study of his own denomination.
343. **MODERN RELIGIOUS CULTS**
Three credits. Autumn quarter.
 Attention is given to the origin, progress and fallacies of such movements as Adventism, Christian Science, Mormonism, Spiritualism, Theosophy, etc.
385. **HISTORY AND CULTURE OF LATIN AMERICA**
 (See description under Mission Field.)
413. **RENAISSANCE AND REFORMATION**
 (For description, see History 413.)
480. **RELIGIONS OF THE WORLD**
Three credits. Autumn quarter.
 A study of the major non-Christian religions, their origin, development, nature, doctrine and literature. (See Missions Field.)
540. **LIFE OF CHRIST**
Three credits. Winter quarter. Prerequisite, 6 credits of Undergraduate N. T.
 A detailed study of the sources, political and religious environment, birth, childhood, ministry, messianic consciousness, and passion of Jesus based on the Synoptic.
541. **HISTORICAL THEOLOGY**
Five credits. Spring quarter. Prerequisite, Rel. 220 and 340.
 A study of the progressive development of Christian thought in its ecclesiastical setting.

NOT OFFERED IN 1954-55

342. **HISTORY OF METHODISM**
Three credits. Winter quarter.
 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.

Practical Field

- 161, 162, 163. **SYSTEMATIC SCRIPTURE MEMORIZATION**
One-half credit each quarter.

164. **PERSONAL EVANGELISM**
Two credits. Autumn 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. **FREE METHODIST POLITY AND DOCTRINE**
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.
206. **CHILD GROWTH AND DEVELOPMENT**
Five credits.
 (For description, see Psychology 206.)
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. Winter quarter.
 A study of religious paintings and arranging material for use in Christian services. (Credit will be given in Fine Arts.)
347. **INTERPRETIVE READING OF THE BIBLE**
 (For description, see Speech 347.)
360. **CHRISTIAN EDUCATION OF CHILDREN**
Three credits. Spring quarter.
 A study of the child through what are known as the beginners, primary, and junior periods, with emphasis upon the principles and methods for giving religious instruction and building Christian character.
361. **WEEK-DAY AND VACATION BIBLE SCHOOL**
Two credits. Spring quarter.
 A thorough study of the history, principles, program and administration of each of these two specific areas of Christian Education Work.
460. **CHRISTIAN EDUCATION OF YOUTH**
Three credits. Winter quarter.
 A study into the nature and needs of youth during the three periods—intermediate, senior and young people—for the purpose of developing an adequate program for their Christian education.
 (For description, see Psychology 152.)
462. **DIRECTED TEACHING IN THE CHURCH SCHOOL**
Two credits. Open only to Christian Education Majors in their Junior or Senior year. Winter quarter.
 A course in which the student does actual teaching in a selected 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.
563. **INTRODUCTION TO GRADUATE STUDY**
Two credits. Autumn quarter.
 Required of all graduate students in School of Religion. The graduate world; the technique of research, scientific method; bibliographical techniques. Designed for graduate students intending to write a thesis.

NOT OFFERED IN 1954-55

461. CHURCH SCHOOL ADMINISTRATION
Two credits. Spring 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.
464. PHILOSOPHY OF CHRISTIAN EDUCATION
Three credits. Winter quarter.
An examination of the basic religious needs of the growing personality, relating them to the provisions of the Christian Faith.
- Missions**
180. MISSIONARY PRINCIPLES
Two credits. Autumn quarter.
The Bible basis of missions; the missionary motive and objective; what constitutes a missionary call; the qualifications and preparation of the missionary candidate.
280. HISTORY OF MISSIONS
Five credits. Winter quarter.
A study of the expansion of Christianity throughout the world. Special assignments in the area of the student's interest.
285. ANTHROPOLOGY FOR MISSIONARIES
Three credits. Autumn quarter.
A survey of the science of man, especially cultural anthropology. Designed to acquaint the missionary candidate with types of material and non-material culture, social organization, religious and ethical concepts, and folklore material of native peoples.
380. MISSIONARY METHODS AND PRACTICE
Five credits. Winter quarter.
The organization of missions and mission boards, their policies regarding finance, furloughs, records, reports, etc. Application and appointment of missionary candidates. First term of service. Methods used on the field to spread the gospel. Detailed study of the indigenous program.
381. MISSIONARY PROMOTION IN THE LOCAL CHURCH
Two credits. Winter quarter.
The church and missions. How to promote missions in a local church: Missions in the Bible, the pastor and missions, missionary organization, missionary programs and program materials. Recommended for all ministerial students.
384. ROMAN CATHOLICISM
Five credits. Autumn quarter.
The development of the organization, beliefs, worship, and practices of the Roman Catholic church.
385. HISTORY AND CULTURE OF LATIN AMERICA
Five credits. Spring quarter.
A study of the racial and cultural backgrounds of the Latin-American peoples; of the period of conquest; colonization, and colonial government; of the development and progress of the republics; in order to gain a background for understanding the missionary enterprise of today.
390. PHONETICS
Five credits. Autumn quarter.
The science of the articulate sounds of the human speech. Deals with the analysis, classification and production of speech sounds.
391. PHONEMICS FOR MISSIONARIES
Five credits. Winter quarter.
Procedures for reducing a language to writing by discovering its pertinent units of sound and symbolizing them in a practical alphabet. Practice with hypothetical and actual language material. Prerequisite, Course 149.

480. RELIGIONS OF THE WORLD
Five credits. Autumn quarter.
A study of the major non-Christian religions, their origin, development, nature, doctrine, and literature. (See Historical Field.)
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.
495. THE CHRISTIAN APPROACH TO NON-CHRISTIAN RELIGIONS
Three credits. Winter quarter.
An inquiry into the basic philosophy of missions, treating such problems as general and specific revelation, continuity, adaption, and approach. Must be preceded by Religion 151, Religions of the World.
- 597, 598, 599. THESIS RESEARCH
Three credits each quarter.

NOT OFFERED IN 1954-55

386. GEOGRAPHY AND HISTORY OF AFRICA
Three credits. Winter quarter.
A study of the geography and history of Africa as a basis for an understanding in the missionary enterprise of today. Special arrangements in the area of the student's interest.
- MISSION COURSES TAUGHT IN OTHER DEPARTMENTS
- HEALTH PROBLEMS IN PRIMITIVE COMMUNITIES—See Bacteriology 151.
- TROPICAL DISEASES—See Bacteriology 347.
- DISEASE TRANSMISSION AND CONTROL IN PRIMITIVE COMMUNITIES—See Bacteriology 446.
- HEALTH EDUCATION—See Zoology 110.
- FIRST AID AND SAFETY—See Physical Education 216
- PRACTICAL NURSING—See Nursing 100.
- COOKING AND SEWING FOR MISSIONARIES—See Home Economics 130, 140, 160, 165, 166, 312.
- THE USE OF HAND TOOLS AND MISSIONS BUILDINGS—See Industrial Arts 101, 111, 116, 180, 220.
- CHINESE CIVILIZATION AND CHINESE HISTORY—See Chinese 380, 381.
- PROBLEMS OF THE PACIFIC AND THE FAR EAST — See Political Science 337, 338.

Sign Language

Instructor, FLORENCE JORDAN

100. DACTYLOLOGY, ELEMENTARY SIGN LANGUAGE
One credit per quarter. Night class. Autumn, Winter, Spring quarters.
150. DACTYLOLOGY, ELEMENTARY SIGN LANGUAGE
Three credits per quarter. Autumn, Winter, Spring quarters.
Language of "How to talk with the deaf", of 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.

Sociology

Assistant Professor, C. MELVIN FOREMAN

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 36 credits in the field, half of which must be in courses numbering above 300. Courses numbered 110, 231, 240, 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.
240. GROUP BEHAVIOR
Five credits. Winter quarter.
Socialization of the individual, social processes, and the interactions of persons in groups.
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.
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.
362. RACE RELATIONS
Five credits. Spring quarter.
Study of interracial contacts and conflicts.
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. Autumn quarter.
Factors and forces which determine the distribution of people and institutions.
443. MASS COMMUNICATION
Five credits. Spring quarter.
Control, structure and functioning of the mass media of communication as a force in social life, and methods of research in this field.
472. JUVENILE DELINQUENCY
Five credits. Summer quarter.
Family and community backgrounds; institutional treatment; juvenile court and probation; programs of prevention.

NOT OFFERED IN 1954-55

231. SOCIAL STATISTICS
Five credits. Spring quarter.

421. METHODOLOGY: CASE STUDIES AND INTERVIEWING IN SOCIOLOGY
Three credits. Spring quarter.
442. PUBLIC OPINION
Three credits. Autumn quarter.
447. SOCIAL CONTROL
Three credits. Winter quarter.

Spanish

Assistant Professor, DOLORES L. SANDERS

Requirements for Major: 45 credits above Spanish 103 or equivalent.

Students with high school credit in Spanish may enter any course for which they may have the prerequisites. Those with three high school semesters should enter 103; with four semesters, 204.

- 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. Autumn, Winter, Spring quarters. 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. Autumn, Winter, Spring quarters. Prerequisite, Spanish 206 or equivalent.
Intensive reading of prose and drama in either the Peninsular or Spanish American Literature.
390. READING AND CONFERENCE
One to three credits. Prerequisite, permission of instructor.
Reading in areas of special need. Offered according to demand.
- SPANISH A. Offered according to demand. Intensive instruction with private tutoring (groups up to five persons). Designed to occupy from two-thirds to the entire time of the student.

NOT OFFERED IN 1954-55

- 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.
- 441, 442, 443. SPANISH DRAMA
Three credits. Autumn, Winter, Spring quarters. Prerequisite, Spanish 206 or equivalent.
 A study of the major Golden Age and modern dramatists.

Speech

Associate Professor, PAUL F. ROSSER

Associate Professor, KENNETH L. MILES

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, 425 and a choice of 145 and 305 or 210 and 490.

In addition, present a total of 45 Speech hours, 20 of which must be numbered above 300. Five hours of English Literature 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, 433, 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 and Spring 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 quarter.
 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.
110. THE SPEAKING VOICE
Three credits. Spring quarter.
 A fundamental course in voice production for all speaking occasions. Attention directed toward proper breathing, adequate volume, and pleasing quality in the voice.
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. PERSUASIVE SPEAKING AND ARGUMENTATION
Three credits. Autumn quarter.
 Analyzing a subject, drawing a brief, the presentation of evidence, persuasive composition and argumentation. A practical course in the art of formal and informal debate.
231. ARGUMENTATION AND DEBATE
Two credits. Winter quarter.
 A continuation of Course 230 with techniques and practice in parliamentary law as experience for group leadership.
- 240, 241, 242. INDIVIDUAL INSTRUCTION IN SPEECH
Two credits. Autumn, Winter, 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.
 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
Five credits. Autumn and Summer quarters.
 Pressing problems of the classroom teacher regarding Speech; description of the speech mechanism; a scientific approach to language and sounds of English; a survey of oral reading, discussion, panels, forum; organic and emotional speech disorders; and solutions of practical classroom problems arising in the above areas.
310. VOICE AND ARTICULATION
Three credits.
 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.
330. ADVANCED ARGUMENTATION
Three credits. Autumn quarter.
 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. Winter quarter.
 A continuation of Course 330, with attention directed toward individual speaking experience both in the classroom and before other groups.
- 333, 334. INTERCOLLEGIATE DEBATE
Two and one credit respectively. Autumn, Winter quarters.
 Special conference sections for members of the debate squad.
335. PARLIAMENTARY LAW AND PROCEDURE
Two credits. Spring quarter.
 A study of the principles of Parliamentary Law with class practices in procedure.

- 340, 341, 342. **INDIVIDUAL INSTRUCTION IN SPEECH**
One to three credits. Autumn, Winter, 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.
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.
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. Autumn quarter.
 Offered according to demand. Prerequisite, Speech 260.
409. **ANATOMY OF THE LARYNX AND EAR**
Two credits. Winter quarter.
 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. Spring quarter. Prerequisite, One Course in Speech.
 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.
427. **TECHNIQUES OF FORUM DISCUSSION**
Five credits. Summer quarter.
 A course designed to acquaint the student with methods of public discussion of a problem. Practical experience is given both in directing the forum toward a desired purpose and participating experience as a member of the forum audience.
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. Winter 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.
491. **CLINICAL TRAINING IN SPEECH CORRECTION**
One to two credits. Spring quarter.
 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. **READINGS IN THE FIELD OF SPEECH**
Three credits.
 Offered according to demand.

NOT OFFERED IN 1954-55

143. **CHORAL SPEAKING CHOIR**
Two credits.
 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.

110. **THE SPEAKING VOICE**
Three credits. Spring quarter.
 A fundamental course in voice production for all speaking occasions. Attention directed toward proper breathing, adequate volume, and pleasing quality in the voice.
428. **ARISTOTELIAN PRINCIPLES OF RHETORIC**
Five credits.
 A practical course in the principles of good public address. An approach to modern principles of speech preparation, delivery and audience analysis from an author so exhaustive that after 2000 years his book is first in the field.

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.

- 101, 102. **GENERAL ZOOLOGY**
Five credits per quarter. Autumn and Winter quarters.
 Elementary facts concerning structures, functions, and distribution of animals. Course 101 emphasizes the frog as a representative animal. Course 102 deals with a survey of animal groups, including invertebrate phyla and the chordates. Three lecture periods and two two-period laboratory sessions per week.
110. **HEALTH EDUCATION**
Three credits. Summer (Two and one-half credits), Autumn, Winter, and Spring quarters.
 A course dealing with intelligent guidance in the formation of habits and attitudes for healthful living. Three lecture periods per week. Required for graduation. Does not count toward a Zoology major. To be taken preferably in freshman year.
- 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.
321. **VERTEBRATE EMBRYOLOGY**
Five credits. Spring 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. Spring quarter.
 For description of Course, see P. E. 322.
411. **BIOLOGICAL SCIENCE FOR THE PUBLIC SCHOOLS**
Three credits. Summer quarter. (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. Three lecture periods per week.
455. **PARASITOLOGY**
Five credits. Spring quarter. 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.

471. GENETICS AND EUGENICS

Three credits. Summer quarter, (Two and one-half credits.) 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. Three lecture periods per week.

486. TODAY AND SCIENCE

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

A practicum type of approach to a survey of the broad area of science including both the biological and the physical with special reference and application for today. Five class periods per week.

NOT OFFERED IN 1954-55

115. SURVEY OF BIOLOGICAL SCIENCES

Five credits.

An introduction to the biological sciences, including Zoology, Botany, Bacteriology, Physiology and Anatomy. Designed for non-majors. Five class periods per week.

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.

832. COMPARATIVE ANATOMY

Five credits. Prerequisite, Course 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.

372. PLANKTON

Five credits. Prerequisite, Course 102.

A study of freshwater and marine microorganisms with emphasis upon identification, habits, habitats and interrelationships. Three lecture periods and two two-period laboratory sessions per week.

Enrollment Statistics

1953-54

**ENROLLMENT BY CLASSES BY QUARTERS
and ENROLLMENT SUMMARIES**

	MEN	WOMEN	TOTAL
AUTUMN QUARTER, 1953			
Freshmen.....	126	158	284
Sophomore.....	106	85	191
Junior.....	88	73	161
Senior.....	71	75	146
Graduate.....	20	23	43
Special.....	2	0	2
Unclassified.....	3	2	5
Total.....	416	416	832
WINTER QUARTER, 1954			
Freshmen.....	119	154	273
Sophomore.....	106	90	196
Junior.....	74	75	149
Senior.....	67	65	132
Graduate.....	22	34	56
Special.....	2	2	4
Unclassified.....	9	2	11
Total.....	399	422	821
SPRING QUARTER, 1954			
Freshmen.....	94	146	240
Sophomore.....	97	71	168
Junior.....	78	73	151
Senior.....	70	73	143
Graduate.....	27	40	67
Special.....	1	0	1
Unclassified.....	9	3	12
Total.....	376	406	782
ACADEMIC YEAR SUMMARY (Three Quarters, 1953-54)			
Collegiate Enrollment.....	485	502	987
Special Music.....	21	33	54
Total.....	506	535	1041
SUMMER QUARTER, 1953			
Freshmen.....	7	6	13
Sophomore.....	6	8	14
Junior.....	18	16	34
Senior.....	20	55	75
Graduate.....	32	59	91
Transient.....	5	15	20
Unclassified.....	2	2	4
Collegiate Enrollment.....	90	161	251
Special Music.....	6	15	21
Total.....	96	176	272
COLLEGIATE SUMMARY (Four Quarters, 1953-54)			
Collegiate (Academic Year).....	485	502	987
Collegiate (Summer Session).....	90	161	251
Total.....	575	663	1238
Less Duplicates.....	44	54	98
Net Total.....	531	609	1140

SPECIAL MUSIC SUMMARY (Four Quarters, 1953-54)

	MEN	WOMEN	TOTAL
Special Music (Academic Year)	21	33	54
Special Music (Summer Session)	6	15	21
Total	27	48	75
Less Duplicates	4	8	12
Net Total	23	40	63
SUMMARY (Four Quarters, 1953-54)			
Collegiate Total (Net)	531	609	1140
Special Music Total (Net)	23	40	63
Grand Total	554	649	1203

DEGREES CONFERRED
1952-53

	MEN	WOMEN	TOTAL
SUMMER QUARTER, 1952			
Bachelor of Arts	9	29	38
Bachelor of Science	3	5	8
Bachelor of Arts in Education	3	9	12
Total	15	43	58
AUTUMN QUARTER, 1952			
Bachelor of Arts	3	3	6
Bachelor of Science	2	1	3
Total	5	4	9
WINTER QUARTER, 1953			
Bachelor of Arts	5	0	5
Bachelor of Science	0	1	1
Bachelor of Arts in Education	2	0	2
Honorary Doctorate Degree	1	0	1
Total	8	1	9
SPRING QUARTER, 1953			
Bachelor of Arts	24	25	49
Bachelor of Science	13	2	15
Bachelor of Arts in Education	2	1	3
Total	39	28	67
SUMMARY, 1952-53			
Bachelor of Arts	41	57	98
Bachelor of Science	18	9	27
Bachelor of Arts in Education	7	10	17
Honorary Doctorate Degree	1	0	1
Grand Total	67	76	143
SUMMER QUARTER, 1953			
Bachelor of Arts	5	18	23
Bachelor of Science	2	0	2
Bachelor of Arts in Education	3	11	14
Total	10	29	39
AUTUMN QUARTER, 1953			
Bachelor of Arts	1	2	3
Bachelor of Science	1	1	2
Bachelor of Arts in Education	0	2	2
Total	2	5	7
WINTER QUARTER, 1954			
Bachelor of Arts	4	2	6
Bachelor of Science	0	5	5
Bachelor of Arts in Education	0	2	2
Total	4	9	13

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INVESTING IN CHARACTER BUILDING AT SEATTLE PACIFIC COLLEGE

The Living Endowment League

The purpose of an endowment is to provide a stable income for the continuous operation of the College. This may be accomplished by the contributions of a large principal sum to be invested in such securities as will yield an annual return.

Many friends of Christian Education today are making regular contribution to the College which take the place of the interest on invested endowment funds. Thus *each contributor is himself the investment* and gives only the interest and not the principal.

Members of the "Living Endowment League" have taken from one to twenty units of membership, each unit representing an annual contribution of ten dollars.

There are no pledges to sign, membership may be discontinued on request, and units may be increased or decreased.

Send for our folder on the LIVING ENDOWMENT LEAGUE.



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 application 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 is it desired to know any change in address or occupation. Simply address Seattle Pacific College, Seattle 99, Washington.