COLLEGE OF PUGET SOUND
BULLETIN

CATALOGUE NUMBER
ANNOUNCEMENTS FOR
1952-53 AND 1953-54

COLLEGE OF PUGET SOUND
TACOMA, WASHINGTON
EACH year the catalogue is dedicated to a group of classes called a quadrant.

This year the catalogue is dedicated to the classes and members of the classes of Quadrants Four and One.

These are composed respectively of the classes of 1896, 1900, 1904, 1908, 1912, 1916, 1920, 1924, 1928, 1932, 1936, 1940, 1944, 1948, and 1952, and of 1893, 1897, 1901, 1905, 1909, 1913, 1917, 1921, 1925, 1929, 1933, 1937, 1941, 1945, 1949, and 1953. Each of these quadrants should plan to have a reunion, and witness the graduation of the classes of '52 on June 1, 1952, or of the class of '53 on June 5, 1953.

The colors of this cover, white and purple, are those of liberal arts and of law, or "good government," respectively. They are the colors of the Fourth and the First Quadrants.
COLLEGE OF PUGET SOUND
BULLETIN
CATALOGUE NUMBER

RECORD FOR 1951-1952

ANNOUNCEMENTS FOR 1952-53 AND 1953-54

Vol. XLIV, May, 1952, No. 2

Entered as Second Class Matter, Tacoma, Wash.,
under Act of Congress, August 24, 1912
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### COLLEGE CALENDAR

#### Summer Session

<table>
<thead>
<tr>
<th>Event</th>
<th>1952</th>
<th>1953</th>
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<tbody>
<tr>
<td>Registration</td>
<td>16</td>
<td>June 15</td>
</tr>
<tr>
<td>Classes begin</td>
<td>17</td>
<td>June 16</td>
</tr>
<tr>
<td>Independence Day Holiday</td>
<td>4</td>
<td>July 4</td>
</tr>
<tr>
<td>End of first half</td>
<td>18</td>
<td>July 17</td>
</tr>
<tr>
<td>Registration for second half</td>
<td>18,19</td>
<td>July 17,18</td>
</tr>
<tr>
<td>Classes begin for second half</td>
<td>21</td>
<td>July 20</td>
</tr>
<tr>
<td>Close of summer session and Convocation</td>
<td>22</td>
<td>August 21</td>
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#### First Semester

<table>
<thead>
<tr>
<th>Event</th>
<th>1952-53</th>
<th>1953-54</th>
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<tbody>
<tr>
<td>Registration and Freshman Induction</td>
<td>17,20</td>
<td>Sept. 16-19</td>
</tr>
<tr>
<td>Classes begin</td>
<td>22</td>
<td>Sept. 21</td>
</tr>
<tr>
<td>Latest date for discontinuing a course without F, unless work is satisfactory to date of withdrawal</td>
<td>18 Oct. 17</td>
<td></td>
</tr>
<tr>
<td>Latest date for removal of “Inc.” or “K” grades</td>
<td>31 Oct. 30</td>
<td></td>
</tr>
<tr>
<td>Thanksgiving Holiday, begins at noon Wednesday ends at 8:00 a.m. Monday</td>
<td>26 Nov. 25</td>
<td></td>
</tr>
<tr>
<td>Christmas Recess, begins at noon Saturday ends at 8:00 a.m. Monday</td>
<td>20 Dec. 19</td>
<td></td>
</tr>
<tr>
<td>Advance registration for second semester</td>
<td>5-9 Jan. 4-8</td>
<td></td>
</tr>
<tr>
<td>Closed Period (From 6 p.m. to 6 p.m.)</td>
<td>16-28 Jan. 15-27</td>
<td></td>
</tr>
<tr>
<td>Examinations</td>
<td>22-28 Jan. 21-27</td>
<td></td>
</tr>
<tr>
<td>Last day of the first semester</td>
<td>28 Jan. 27</td>
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#### Second Semester

<table>
<thead>
<tr>
<th>Event</th>
<th>1952-53</th>
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<tbody>
<tr>
<td>Registration for new students</td>
<td>29,30</td>
<td>Jan. 28,29</td>
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<tr>
<td>Classes begin</td>
<td>2</td>
<td>Feb. 1</td>
</tr>
<tr>
<td>Washington’s Birthday Holiday</td>
<td>23</td>
<td>Feb. 22</td>
</tr>
<tr>
<td>Latest date for discontinuing a course without F, unless work is satisfactory to date of withdrawal</td>
<td>28 Feb. 27</td>
<td></td>
</tr>
<tr>
<td>Religious Life Emphasis Week</td>
<td>2-6</td>
<td>March 1-5</td>
</tr>
<tr>
<td>Latest date for removal of “Inc.” or “K” grades</td>
<td>13</td>
<td>March 12</td>
</tr>
<tr>
<td>National Senior Test</td>
<td>17,18</td>
<td>March 17,18</td>
</tr>
<tr>
<td>Spring Recess, begins at noon Saturday ends at 8:00 a.m. Monday</td>
<td>28 March 27</td>
<td></td>
</tr>
<tr>
<td>Senior Recognition day</td>
<td>15</td>
<td>May 14</td>
</tr>
<tr>
<td>Closed Period (From 6 p.m. to 6 p.m.)</td>
<td>15-29</td>
<td>May 14-28</td>
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<tr>
<td>Examinations</td>
<td>25-29</td>
<td>May 24-28</td>
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<tr>
<td>Baccalaureate and Convocation</td>
<td>31</td>
<td>May 30</td>
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THE CORPORATION

OFFICERS OF THE CORPORATION

WILLIAM W. KILWORTH, Chairman of the Board
HARRY L. BROWN, Vice-Chairman
DIX H. ROWLAND, Treasurer
NORTON CLAPP, Secretary
WILLIAM GERARD BANKS, Bursar
FRANKLIN E. JOHNSON, Assistant Secretary

BOARD OF TRUSTEES

TERM EXPIRES IN 1952

*STANTON WARBURTON, JR., Building Manager. Tacoma, Wash.
EDWARD B. KING, Mortician. Tacoma, Wash.
DIX H. ROWLAND, Attorney. Tacoma, Wash.
*MRS. RICHARD HALEY, Housewife. Tacoma, Wash.
CHAPIN FOSTER, Museum Director. Tacoma, Wash.
JOSEPH BEALL, Minister. Walla Walla, Wash.
MILTON A. MARCY, Minister. Tacoma, Wash.
OWEN BEADLES, Minister. Seattle, Wash.
GERALD KENNEDY, Bishop. Portland, Ore.

TERM EXPIRES IN 1953

E. L. BLAINE, Businessman. Seattle, Wash.
H. L. BROWN, Manufacturer. Tacoma, Wash.
RAYMOND E. COOK, Educator. Tacoma, Wash.
*PAUL B. HANAWALT, Educator. Puyallup, Wash.
HAROLD BASHOR, Minister. Spokane, Wash.
ALBERT H. HOOKER, JR., Manufacturer. Tacoma, Wash.
*FRANKLIN E. JOHNSON, Accountant. Tacoma, Wash.
RICHARD K. WASSON, Accountant. Tacoma, Wash.
WILLIAM W. KILWORTH, Manufacturer. Tacoma, Wash.
ROBERT FRANKLIN THOMPSON, Educator. Tacoma, Wash.
ERNEST HAROLD, Minister. Everett, Wash.

TERM EXPIRES IN 1954

*DONALD SHOTWELL, Contractor. Tacoma, Wash.
NORTON CLAPP, Attorney. Seattle, Wash.
*MRS. ELMER GOUDY, Housewife. Portland, Ore.
WILLARD STANTON, Minister. Chehalis, Wash.
WILLIAM L. MCCORMICK, Lumberman. Tacoma, Wash.
HENRY G. SHAW, Businessman. Tacoma, Wash.
C. M. HOLTZINGER, Orchardist. Yakima, Wash.
FRANK S. BAKER, Newspaper Publisher. Tacoma, Wash.
HAROLD B. LONG, Minister. Tacoma, Wash.
ROE E. SHAUB, Businessman. Tacoma, Wash.

EXECUTIVE COMMITTEE


*Elected by Alumni.
ADMINISTRATIVE OFFICERS AND ASSISTANTS

ROBERT FRANKLIN THOMPSON, A.M., B.D., Ph.D., LL.D. President
JOHN DICKINSON REGESTER, S.T.B., Ph.D. Dean of the College
WILLIAM GERARD BANKS, A.M. Bursar
RICHARD DALE SMITH, A.B. Registrar
LYLE FORD DRUSHEL, A.M. Dean of Women
RAYMOND L. POWELL, Ph.D. Dean of Men
CHRISTIAN MILLER, A.M. Secretary of the Faculty
WARREN L. PERRY, A.M. Librarian

MARIN W. GEE Secretary to the President
CATHRYN A. REED Secretary to the Dean
CAROL LAVONE ANGST Assistant Bursar
MARION L. JOHNSON, B.S. Assistant to the Bursar
ALICE KELLMAN Assistant to the Bursar
JOANNA REINHARD Secretary for Veterans' Affairs
VICTORIA E. GREEN Auditor in Bursar's Office
KERTTU KAHN, A.B. Assistant to the Registrar
PEARLE SULLIVAN Secretary to the Director, Department of Music

C. G. TRIMBLE, M.D. Medical Adviser
JOHN L. BLAKE, B.S. Director of Public Relations
HARRY L. SLICK, A.B., S.T.B. Field Representative
MRS. DANIEL D. SCHNEIDER Director of Anderson Hall
MRS. CARL PETERSON Director of Todd Hall
LELA SCHIFFBAUER Manager of the Book Store
MELBA ROLLEFSON, B.S. Director of the Commons
COLONEL RALPH HAROLD ACKERMAN Superintendent of Grounds and Buildings
FACULTY

ROBERT FRANKLIN THOMPSON, A.M., B.D., Ph.D., LL.D.
President.
A. B., Nebraska Wesleyan University, 1930; A. M., B. D., Ph. D., Drew University, 1931, 1934, 1936; LL. D., Nebraska Wesleyan University, 1947. Study as Delaplaine-McDaniel Fellow at Mansfield College, Oxford, University of Basel, and University of Zurich. Associate Professor of Classics, Willamette University, 1937-42, Dean of Freshmen, 1939-41, and Vice-President, 1941-42; President of College of Puget Sound, 1942—.

BERTHA WOOD ROBBINS, Ph.B.
Assistant Professor Emeritus of Spanish.
Ph. B., DePauw University, 1903. Student at the University of Washington, 1921-22. Principal, "Instituto Inglee," Callao, Peru, 1903-06; Teacher and Interpreter, La Paz, Bolivia, 1907-08; Interpreter for the United States Immigration Department; Instructor in Spanish, College of Puget Sound, 1929-44; Assistant Professor, 1944-46, 1949-50.

CHARLES ARTHUR ROBBINS, A.B., LL.D.
Bursar Emeritus.
A. B., DePauw University, 1904; LL. D., College of Puget Sound, 1947. Student at the University of Washington, 1921-22. In business, Chile, Peru and Bolivia, 1906-11, and Tacoma, 1911-16; Diplomatic Service, United States Legation, Copenhagen, 1918-19; Bursar and Associate Professor of Spanish, College of Puget Sound, 1916-46.

BLANCHE WHITTIER STEVENS, M.S.
Professor Emeritus of Home Economics.
B. S., Stout Institute, 1919; M. S., Oregon State College, 1929. Head of Trade Dressmaking Department, Stout Institute, 1912-14; Head of Home Economics Department, Washington State Normal School, Cheney, 1914-20; Instructor in School of Home Economics, Oregon State College, 1920-27; Associate Professor of Home Economics, College of Puget Sound, 1927-30; Professor of Home Economics, 1930-47.

GORDON D. ALCORN, Ph.D.
Professor of Biology.
B. S., College of Puget Sound, 1930; M. S., University of Washington, 1933, and Ph. D., 1935. Associate Professor of Botany, University of Idaho, 1933-37; Professor of Biology, Grays Harbor Junior College, 1937. Vice-President, 1939-43, and President, 1943-46; Lecturer, War Manpower Commission, 1943-45; Instructor in Biology, College of Puget Sound, Summer Sessions, 1930-44; Associate Professor of Biology, 1946-47; Professor, 1947—.

OTTO GEORGE BACHIMONT, A.M.
Associate Professor of German.
A. B., Wartburg College, 1927, and University of Iowa, 1929; A. M., University of Iowa, 1930. Graduate study at the University of Iowa, Summers 1930-31; at the University of Wisconsin, 1933-35; at Gonzaga University, Summer, 1944; at Washington State College, 1948; and at the University of Washington, 1948. Instructor, Wartburg College, 1930-33; Graduate Assistant, University of Wisconsin, 1933-35; Professor, Knoxvllle College, 1935-36; Professor, Whitworth College, 1916-48; Assistant Professor of German, College of Puget Sound, 1948-52; Associate Professor of German, 1952—.
FACULTY

WILBUR HOWARD BAISINGER, A.M.
Instructor in Speech.

WILLIAM GERARD BANKS, A.M.
Bursar.
A. B., Centenary College, 1927; A. M., University of Virginia, 1930. Student at University of Colorado, Summers, 1924-27; University of Chicago, Summers, 1938-40; University of Texas, Summer, 1939. Teaching Fellow in Physics, University of Virginia, 1927-28 and 1929-30; Teaching Fellow in Geology, University of Virginia, 1931-32; Instructor in Mathematics, Centenary College of Louisiana, 1932-41, Assistant Professor, 1941-43, Associate Professor, 1943-45, Professor, 1945-46. Bursar, Centenary College of Louisiana, 1933-35, and 1942-43, and Assistant to the President, 1943-45; Bursar, College of Puget Sound, 1946—.

CHARLES THOMAS BATTIN, Ph.D.
Professor, Robert Laird McCormick Chair of Economics.
A. B., Ottawa University, 1913; Ph. D., University of Chicago, 1937. Student at the University of Rochester, 1915-16; University of Kansas, Summer, 1917; University de Montpellier, 1919; University of Chicago, Summer Session, 1940. Instructor of Sociology and Economics, Ottawa University, 1916-17; Manager, Foreign and Commercial Department, Cia Expreso Federales, Rio de Janeiro, 1920-24; Research Assistant, University of Chicago, 1924-26; Professor of Economics, College of Puget Sound, 1926-43 (with the National War Labor Board as Wage Stabilization Director for Alaska, 1943-45), and 1945—.

EDNA-ELLEN BELL, A.B., O.T.R.
Associate Professor, Director of Curriculum in Occupational Therapy.
A. B., University of Oregon, 1929; Certificate, St. Louis School of Occupational and Recreational Therapy of Washington University, 1944; Occupational Therapy Aides, Baxter General Hospital, Spokane, 1944; Assistant Professor and Director of Curriculum in Occupational Therapy, College of Puget Sound, 1944-52; Associate Professor of Occupational Therapy, 1952—.

DORIS B. BENNETT, A.M.
Instructor in English.
A. B., University of Nebraska, 1927; A. M., University of Washington, 1930. Student at the University of Nebraska, Summer, 1927; University of Wyoming, Summer, 1928; University of Washington, Summer 1950. Teacher, Public Schools, 1927-29, 1930-34. Instructor in English, College of Puget Sound, 1946—.

HARRY FRANCIS BIRD, A.B.
Instructor in Physical Education.
A. B., University of Washington, 1940. Recreation Leader, Seattle Parks, 1937-39; Coach and Instructor in Physical Education, Lakeside School, 1940-42; Coach and Instructor, Seattle Preparatory School, 1944-45; Instructor in Physical Education, College of Puget Sound, 1947—.
JOAN BLAKISTON, A.B. IN L.S.
Assistant Librarian.

ALICE CLARA BOND, A.M.
Assistant Professor of Physical Education.
B. S., University of Iowa, 1931; A. M., Columbia University, 1932; study at University of Washington, 1946-47. Director of Athletics, Miss Harris' School, Miami, Florida, 1932-33; Instructor in Physical Education, Drury College, 1933-34; Rochester High School and Junior College, 1934-36; University of Georgia, 1936-39; University of Illinois, 1939-41; Purdue University, 1941-43; U. S. Marine Corps, 1943-46; Assistant Professor of Physical Education, College of Puget Sound, 1947—.

SHIRLEY MARY BOWING, B.S., O.T.R.
Instructor in Occupational Therapy.
B.S., University of Minnesota, 1943; Certificate in Occupational Therapy, Columbia University, 1943; V.A. training course, Institute for Crippled and Disabled, New York City, 1946. Recreation and Arts and Crafts Teacher, American Red Cross-Army Hospital, Topeka, Kansas, 1943-44; Chief Occupational Therapist, Veterans' Administration Hospitals, Cheyenne, Wyoming, 1945-47, and Vancouver, Washington, 1947-48; Director of Homebound Projects, Oregon Society for Crippled Children and Adults, 1948-49; Director of Occupational Therapy, Portland (Oregon) Rehabilitation Center, 1949-51; Instructor in Occupational Therapy, College of Puget Sound, 1951—.

EDWARD HARSHBERGER BUTLER, A.M.
Assistant Professor of English.
A. B., Princeton University, 1904, and A. M., 1905. Teacher in High School, St. Louis, 1905-06, and Tacoma, 1906-13; Principal, Washington Grade School, Tacoma, 1913-26, Mason Junior High School, 1926-41, and Jason Lee Junior High School, 1941-46; Instructor in English, College of Puget Sound, 1946-48; Assistant Professor, 1948—.

ELLERY CAPEN, M.B.A.
Associate Professor of Business Administration and Economics.
B. B. A., University of Washington, 1925, and M. B. A., 1931. Student at University of Washington, Summers, 1936, 1937, 1939, 1947 and 1950. Teacher, public schools, 1926-30; Instructor in Accounting, University of Washington, 1930-31; Professor of Accounting, University of Maryland, 1950-51; Assistant Professor of Business Administration and Economics, College of Puget Sound, 1931-42; Associate Professor, 1942—.

WILLIS L. CARRUTH, M.S.
Professor of Chemistry.
A. B., Asbury College, Kentucky, 1935; M. S., University of Kentucky, 1938. Study at University of Chicago, Summer, 1938; University of Nebraska, Summer, 1945; University of Washington, Summers 1939, 1950. Laboratory Instructor in Chemistry, Asbury College, 1932-36, and in Mathematics, 1934-35; Instructor in Chemistry, University of South Dakota, 1936-38; Professor of Chemistry, Lewis and Clark College, 1938-44, and Registrar and Administrative Secretary, 1942-44; Professor of Chemistry, Nebraska Wesleyan University, 1944-46, and Instructor in Mathematics, Summer, 1945; Associate Professor of Mathematics, College of Puget Sound, 1946, and of Chemistry, 1947-50; Professor of Chemistry, 1950—.
FACULTY

COOLIDGE OTIS CHAPMAN, Ph.D.  
Professor of English.  
A. B., Cornell University, 1924; A. M., 1925, and Ph. D., 1927. Instructor in English, Williams College, 1927-31; Visiting Professor, Cornell University, Summers 1946, 1947 and Resident Doctor, 1949-50; Associate Professor of English, College of Puget Sound, 1932-37, Professor, 1937—.

FRANCES FULLERTON CHUBB, B.F.A.  
Instructor in Art.  
B. F. A., College of Puget Sound, 1939; Teaching Certificate, 1940; study, University of Washington, Summers 1944, 1948. Fellow in Art, College of Puget Sound, 1940-42; Instructor, 1942—.

CALVIN BREWSTER COULTER, JR., Ph.D.  
Associate Professor of History.  
A. B., Columbia College, 1938; A. M., Columbia University, 1940, and Princeton University, 1942; Ph. D., Princeton University, 1945. Assistant in History, College of William and Mary, 1941-43; Instructor, University of Delaware, 1945, and Visiting Associate Professor of History, Summer, 1949; Assistant Professor of History and Political Science, College of Puget Sound, 1945-46; Associate Professor of History, 1946—.

JOHN ROWLAND COWELL, B.Mus., M.Mus.  
Assistant Professor of Piano and Composition.  
B.Mus., Philadelphia Conservatory of Music, 1942, and Yale University, 1947; M.Mus., Yale University, 1948. Instructor in piano and theory, New Haven Conservatory of Music, 1946-48; Instructor in piano, College of Puget Sound, 1948-52; Assistant Professor, 1952—.

LYLE FORD DRUSHEL, A.M.  
Dean of Women and Associate Professor of English.  
A. B., College of Puget Sound, 1912; A. M., New York University, 1936. Teacher, public schools, 1912-17, 1919-27; Y. W. C. A. War Work, 1917-19; Dean of Women and Assistant Professor of English, College of Puget Sound, 1931-1944; Associate Professor, 1944—.

GORDON EPPERSON, M.Mus.  
Assistant Professor of Cello.  
Mus. B., Cincinnati Conservatory of Music, 1941; M. Mus., Eastman School of Music, 1949. Cello with Bowen, Heerman, Kirksmith, and Silva. Study at Florida State University, Summer, 1940; Berkshire Music Center, Summer, 1941. Member Indianapolis Symphony Orchestra, Season, 1941-42; Cincinnati Symphony Orchestra, 1942-43; Seattle Symphony Orchestra, Fall, 1943; Rochester Philharmonic Orchestra, 1948-49; Soloist with Cincinnati Symphony, 1941, and Spokane Philharmonic, 1947. Instructor in Cello, College of Puget Sound, 1946-50; Assistant Professor, 1950-52.

PHILIP RAYMER FEHLANDT, Ph.D.  
Professor of Chemistry.  
A. B., Ripon College 1922; A. M., University of Wisconsin, 1930, and Ph. D., 1934. Assistant Instructor, University of Wisconsin, 1929-34; Assistant Professor of Chemistry, Wittenberg College, 1934-37; USA Chemical Warfare Service, 1942-46, and Fulbright Appointment in Burma, 1951-52; Assistant Professor of Chemistry, College of Puget Sound, 1937-38; Associate Professor, 1938-40; Professor, 1940—.
COLLEGE OF PUGET SOUND

HELEN MCKINNEY FOSSUM, Ph.D.
Professor of Romance Languages.
A. B., University of Kansas, 1918, and A. M., 1926; Ph.D., University of California, 1936. Student at Columbia University, Summer, 1921; University of Paris, 1924, Summer, 1939, and second semester of 1948-49. Associate Professor and Dean of Women, Central College, 1922-30; Head of Language Department and Dean of Women, Golden Gate Junior College, 1933-36; Associate Professor of French, Adams (Colorado) State Teachers College, 1936-38; Assistant Professor of French, College of Puget Sound, 1938-40; Associate Professor, 1940-42; Professor, 1942—.

ARTHUR LESTER FREDERICK, A.M.
Professor, John O. Foster Chair of Religious Education.
Ph. B., Lawrence College, 1920; A. M., Northwestern University, 1922, Student at Garrett Theological Seminary, 1920-23, Northwestern University, 1922-23, and Summer, 1930; Fellow in Religious Education, 1922-23. Educational Director, St. Paul's Methodist Church, Cedar Rapids, Iowa, 1923-24; Director of Religious Education, South Bend, Indiana, Methodist Church, 1924-27; Professor of Religious Education, College of Puget Sound, 1927—.

WILLARD SHELDON GEE, A.M.
Assistant Professor of Business Administration and Economics.

EDWARD DELMAR GIBBS, Ph.D.
Professor of Education.
A. B., Huron College, 1933; B. S., Dakota Wesleyan University, 1934; A. M., University of South Dakota, 1938; Ph. D., University of Chicago, 1950. Teacher, public schools, 1934-36; Graduate Assistant, University of South Dakota, 1936-38 and University of Chicago, 1938-41; Assistant Professor of Education, College of Puget Sound, 1941-44; Associate Professor, 1944-50; Professor, 1950—.

EDWARD GORDON GOMAN, M.S.
Assistant Professor of Mathematics.

WALTER L. GROSS, A.B.
Assistant Professor of Business Administration.
M. Pd., Valparaiso University, Indiana, 1909; A. B., Bryant and Stratton College, Louisville, Kentucky, 1910. Teacher of commercial subjects in grade and high schools, 1910-22; Superintendent of Public Schools, Wrangell, Alaska, 1922-25; Industrial Director, U. S. Bureau of Education, 1925-27; Special Representative, Gregg Publishing Company, 1927-49. Assistant Professor of Business Administration, College of Puget Sound, 1949—.

*EDWARD C. HAINES, M.A.E.
Instructor in Art.
B. A. E., and M. A. E., School of the Art Institute, Chicago, 1948 and 1949. Study at Layton School of Art, Milwaukee, Wisconsin, University of Wisconsin, Roosevelt College, and DePaul University; painting with Boris Anisfeld, design with Margaret Artingstall, ceramics with Myrtle French. High school director of art, 1948-49. Instructor in Art, College of Puget Sound, 1949—.

FACULTY

JOHN PATRICK HEINRICK, A.B.
Assistant Professor and Director of Physical Education.
A. B., University of Washington, 1926, and Teacher's Certificate, 1931; Principal's Credential, College of Puget Sound, 1942. Teacher, Public High Schools, 1927-47; Coach, Stadium High School, Tacoma, 1935-47; and Boys' Counselor and Athletic Director, 1941-47; Basketball Coach, College of Puget Sound, 1945--; and Assistant Professor in Physical Education, 1947--; Director of Physical Education, 1948--.

LEONARD GEORGE JACOBSEN, M.Mus.
Professor of Pianoforte.
B. M., Northwestern University, 1931. Piano study with David Campbell, Portland, Oregon, 1933-34; Rudolph Ganz and Mollie Margolies, Chicago Musical College, Summers, 1936, 1938; E. Robert Schmitz, 1938, 1939, 1940; M. Mus., Eastman School of Music, 1950, Summers, 1940, 1941, 1946. Professor of Pianoforte, College of Puget Sound, 1931-43 (USA, 1943-45), and 1945--.

JULIUS PETER JAEGER, Ph.D.
Professor of English.
A. B., Spokane University, 1918; A. M., University of Washington, 1926, and Ph. D., 1935. Student at Pacific School of Religion, 1923-24. Resident Master and Instructor in English, Lakeside School for Boys, Seattle, 1925-28; Teaching Fellow in English, University of Washington, 1927-28; Professor of English, Spokane University, 1918-23; Professor of English, College of Puget Sound, 1929--.

RICHARD B. JAMES, MAJOR, USAF
Assistant Professor of Air Science and Tactics.

DAVID LYALL JAMIESON, A.B., LL.B.
Assistant Professor of Business Administration
A. B., College of Puget Sound, 1941; Northwestern University, Civil Affairs Training for Far East, April to August, 1945; LL.B., University of Washington, 1948. Instructor in Business Administration, College of Puget Sound, 1948-50; Assistant Professor, 1950--.

MARTHA PEARL JONES, A.M.
Professor of Speech.
B. S., Kansas State College, 1919; A. M., Northwestern University, 1927. Student at the University of Kansas, Summers, 1921 and 1922; University of Wisconsin, Summer, 1923; University of Chicago, Summers, 1924, 1931, 1933; University of California, Summer, 1940; Northwestern University, Summer, 1946. Teacher, Public Schools, 1919-26, 1928-30; Professor of Drama, Baker University, 1926-28; Professor of Speech, College of Puget Sound, 1930--.

ROSE SMITH KELLY, A.M.
Assistant Professor of Education.
Ph.D., University of Chicago, 1924; Elementary Certificate, Chicago Teachers' College, 1923; A.M., Loyola University, 1936. Graduate study, University of Chicago, 1937-38, 1949-50; University of Nevada, 1948-49; University of Chicago, 1949-50; University of Oregon and Oregon State College, 1950-51. Teacher in elementary and secondary public schools, Chicago, Nevada, and Oregon, 1926-49; critic teacher, University of Chicago, 1938-42; critic teacher and co-ordinator, Oregon College of Education, 1939-51; Assistant Professor of Education, College of Puget Sound, 1951--.

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COLLEGE OF PUGET SOUND

JOHN BENJAMIN MAGEE, S.T.B., Ph.D.

Professor of Philosophy and Religion.
A. B., University of Washington, 1938; A. M., Boston University, 1940, and S. T. B., 1941; University of Chicago, Summer, 1943; A. M., Harvard University, 1946, and Ph. D., 1950. Professor of Philosophy, Morningside College, Iowa, 1945-47; Associate Professor of Philosophy and Religion, College of Puget Sound, 1947-50; Professor, 1950—.

FREDERICK ANSTON MCMILLIN, M.S.

Professor of Geology.
A. B., Willamette University, 1916, and M. S., 1917. Research in High Explosives, United States Navy Laboratory, 1917-19; Student and Instructor in Chemistry, University of Washington, 1920-23; Member of classes in geology, University of Washington, 1930-33. Head of the Department of Chemistry and Geology, Idaho Technical Institute, 1923-24; Assistant Professor of Chemistry, College of Puget Sound, 1924-25; Associate Professor of Chemistry, 1925-27; Associate Professor of Chemistry and Geology, 1927-32; Professor of Geology, 1932-44 (US Geological Survey, 1944-46), 1946—.

CHRISTIAN MILLER, A.M.

Associate Professor of German.
A. B., Valparaiso University, 1920; Ph. B. in Education, University of Chicago, 1928, and A. M., 1929. Student at the University of Chicago, 1929-31; University of Washington, 1937-38. Director of Anglo-American Institute, University of Oslo, 1946-47; Assistant Director, Cooperative International Summer School, Gothenburg, Sweden, Summers, 1951-52; Registrar and Assistant Professor of German, College of Puget Sound, 1931-44; Associate Professor of German, College of Puget Sound, 1944—.

MURRAY MORGAN, M.S.

Assistant Professor of English and Journalism.
A. B., University of Washington, 1937; M. S., Columbia University, 1942; Pulitzer Travelling Fellowship, Mexico, 1942-43. Reporter, Hoquiam Washingtonian, 1937; Sports Editor, 1940, and City Editor, 1941; free-lance writer in Europe, 1939; Sub-Editor, Spokane Chronicle, 1940; Radio Editor, Time Magazine, 1942; News Editor, Columbia Broadcasting System, 1942; Radio Research Director, Nejelski Company, 1945; Instructor in English and Journalism, College of Puget Sound, 1947—.

MARTIN E. NELSON, Ph.D.

Associate Professor of Physics.
B. S., College of Puget Sound, 1937; M. S., University of Hawaii, 1939; Ph.D., Ohio State University, 1942. Assistant, Ohio State University, 1939-42; Physicist in War Research at Princeton University, 1942; Instructor, University of Illinois, 1942-44; Physicist, Navy Dept., 1944-46; Instructor, Ohio State University Graduate Center, Wright Field, Summer, 1949; Assistant Professor of Physics, College of Puget Sound, 1946-47, and Associate Professor, 1947—.
FACULTY

FRED H. NEWMAN, LIEUTENANT-COLONEL, USAF
Professor of Air Science and Tactics.

*JOHN ALEXANDER O'CONNOR, M.S.
Assistant Professor of Music Education.
B. S., State Teachers College, Milwaukee, 1939; M. S., University of Illinois, 1946; study at University of Southern California, Summer, 1948. Supervisor of Instrumental Music, Shreveport, Louisiana, 1940-41; U. S. Army Air Forces, 1941-45; Assistant, University of Illinois, 1945-46; Instructor, University of Southern California, Summer, 1948; Assistant Professor of Music Education, College of Puget Sound, 1946—.

LEROY OSTRANSKY, A.M.
Assistant Professor of Music Theory.

ROBERT C. OWEN, MAJOR, USAF
Assistant Professor of Air Science and Tactics.

BLAINE W. PACK, CAPTAIN, USAF
Assistant Professor of Air Science and Tactics.

WARREN PERRY, A.M.
Librarian; Professor.
A. B., University of Washington, 1923, and B. S. (Library Science), 1927; A. M., University of Illinois, 1933. Head of Exchange Division, University of Illinois Library, 1923-26; Reference Department, Seattle Public Library, 1926-27; Librarian, College of Puget Sound, 1927-42. (USA, 1942-46), 1946—.

RICHARD FREDERICK PETERSON, A.M.
Assistant Professor of Psychology.
A. B., University of Illinois, 1931; A. M., Northwestern University, 1935; study at University of Iowa, 1936-37, and University of Oregon. Summer, 1947. Assistant in Psychology, Wilson Teachers College, Washington, D. C., 1933-34; N. Y. A. Assistant, University of Iowa, 1936-37; Junior Psychologist, Psychiatric Institute, Chicago Municipal Court, 1938-41, and Senior Psychologist, 1944-46; American Red Cross, Field Director, 1941-44; Instructor in Psychology, Oregon State College, 1946-47; Assistant Professor of Psychology, College of Puget Sound, 1947—.

JOHN WILLIAM PHILLIPS, S.T.B., Ph.D.
Associate Professor of Religion and Sociology.
A. B., Baker University, 1942; S. T. B., Boston University School of Theology, 1945; Ph.D., Boston University, 1948. Assistant Religious Education Director, Congregational Church, West Newton, Massachusetts, 1942-44; Chaplain, Boys Camp, Lyme, New Hampshire, Summers, 1942, 1944; Minister, Community Church, Islington, Massachusetts, 1944-47; Instructor in Religion and Sociology, College of Puget Sound, 1947-48; Assistant Professor, 1948-51; Associate Professor, 1951—.

*On leave for military service.
COLLEGE OF PUGET SOUND

RAYMOND LEO POWELL, Ph.D.
Dean of Men and Professor of Education
A. B., Coe College, 1923; A. M., University of Iowa, 1928, and Ph. D., 1932. Student at the University of Chicago, Summer, 1936. Teacher, Coach, and Superintendent, Iowa Secondary Schools, 1923-30; Graduate Assistant in Education, University of Iowa, 1930-31; Instructor in Education, Coe College, 1931-32; Head, Department of Education, Parsons College, 1932-36; Associate Professor of Education, College of Puget Sound, 1936-39; Professor, 1939-42. (USA, 1942-45), 1946--; Dean of Men, 1948--.

IVAN B. RASMUSSEN, A.B., M.Mus.
Associate Professor of Voice.
A. B. and B. Mus., Yankton College, 1929; M. Mus., Syracuse University, 1934; study at Syracuse University, Summer, 1937, 1938, and Chicago Musical College, 1929; with Comnaday Bos, New York City, 1946, and Juilliard School of Music, New York, Summer, 1949. Instructor in Voice and Piano, Yankton College, 1929-32; Garden City Junior College (Kansas), 1934; Judson College, 1935-38; Culver Military Academy, Summer, 1936; Birmingham Conservatory, 1938-42; Assistant Professor of Voice, College of Puget Sound, 1946-49 and Associate Professor, 1949--.

JOHN DICKINSON REGESTER, Ph.D.
Dean of the College and Professor of Philosophy.
A. B., Allegheny College, 1920; S. T. B., Boston University, 1922, and Ph. D., 1928. Student at Harvard University, 1921-22; University of Edinburgh, 1923-24; University of Basel, Summer, 1924; University of Chicago, Summer, 1937. Borden P. Bowle Fellow in Philosophy, Boston University Graduate School, 1922-23 and 1927-28; in Europe on Jacob Sleeper Fellowship, Boston University, 1923-24; Professor of Philosophy, Boston University, Summer Session, 1934; Professor of Philosophy, College of Puget Sound, 1924--; Dean, 1936--.

KENNETH R. SCHRIEBER, CAPTAIN, USAF
Assistant Professor of Air Science and Tactics.

MARGUERITE PAULSEN SCHROEDER, M.S.
Assistant Professor of Art and Home Economics.
B. S., Iowa State College, 1940; M. S., University of Minnesota, 1943. Assistant in House- hold Art, New York State College at Cornell, summer, 1943; Instructor and Assistant Professor in Related Art in Home Economics, University of Minnesota, 1943-50; Assistant Professor in Art and Home Economics, College of Puget Sound, 1950--.

RAYMOND SANFORD SEWARD, Ph.D.
Professor of Physics.
B. S., Pomona College, 1912; A. M., University of California, 1921; Ph. D., Stanford University, 1930; University of Wisconsin, Summer, 1926; University of Chicago, Summer, 1933. Teacher, California Secondary Schools, 1913-13; Professor of Physics, College of Puget Sound, 1923--.

LYLE STANTON SHELMIDINE, Ph.D.
Professor of History.
A. B., Grinnell College, 1930; A. M., University of Iowa, 1935, and Ph. D., 1939. Student at Princeton University, Summer, 1938. Instructor in History and English, American College, Tarsus, Turkey, 1936-34; Assistant in United States History, University of Iowa, 1934-66; Visiting Professor of History, University of Puerto Rico, 1951-52; Assistant Professor of History and Political Science, College of Puget Sound, 1936-40; Associate Professor of History, 1940-42 (USN, 1942-46), Professor, 1946--.
FACULTY

RICHARD DALE SMITH, A.B.
Registrar.
A. B., College of Puget Sound, 1936; Secondary Teacher's Certificate, College of Puget Sound, 1937; Graduate Work, Oregon State College, 1946. Instructor in Mathematics and History, Puyallup High School, 1938; Field Secretary and Alumni Secretary, College of Puget Sound, 1938-42; (U.S.N., 1942-45); Registrar and Alumni Secretary, College of Puget Sound, 1946-50; (USN, 1950-52); Registrar, 1952—.

ROBERT D. SPRENGER, Ph.D.
Associate Professor of Chemistry.
B. S., College of Puget Sound, 1940; M. S., Syracuse University, 1942, and Ph.D., 1946. Teaching Assistant, Syracuse University, 1940-42; Norwich Fellow, 1943-46; Employment of the duPont Co., 1942; Assistant Professor of Chemistry, College of Puget Sound, Jan., 1943, 1946-47; Associate Professor, 1947—.

CAROLYN GASKINS SULLIVAN, B.S.
Assistant Professor of Home Economics.

WARREN EVERETT TOMLINSON, Ph.D.
Professor of German, and Associate Professor of History.
A. B., Carleton College, 1924; Ph.D., University of Berlin, 1933. Instructor in English, Sorsogon High School, Sorsogon, P. I., 1924-26, and Principal of High School, Cebu, P. I., 1926-27; Instructor in English, Berliner Abendgymnasium, Berlin, 1927-32; Associate Professor of German, College of Puget Sound, 1933-38; Professor, 1938; and Assistant Professor of History, 1943-47; Director, Workshop in International Relations, University of British Columbia, Summers, 1943, '46, '47; Visiting Professor, Hofstra College, Summer, 1948. Professor of German and Associate Professor of History, College of Puget Sound, 1947—.

HUGH J. TUDOR, Ph.D.
Professor of Political Science.
A. B., Simpson College, 1926; University of Chicago, 1926, 1927-28, 1929; A. M., University of Iowa, 1932, and Ph.D., 1933. Instructor in History and Political Science, Morningside College, 1928-30; Professor of Political Science, State Teachers College, New Mexico, 1933-42; Dept. of Standards, Allison Div. of General Motors, 1942-43; Associate Professor, University of Omaha, 1943-46; Associate Professor of Political Science, College of Puget Sound, 1946-50, and Professor, 1950—.

HELEN LOUISE VAN GILDER, B.S., R.N.
Instructor in Biology.
B. S. in Nursing, University of Washington, 1931; study at University, Summer, 1938. Instructor, St. Elizabeth's Hospital, Yakima, 1933-34; Educational Director, Port Angeles General Hospital, 1935-37; St. Ignatius Hospital, Collfax, 1937-39; Assistant Director, St. Luke's Hospital, Duluth, 1939-40; Educational Director, Providence Hospital, Everett, 1940-43, 1946-47; U. S. Army Nurses Corps, 1943-46; Instructor in Biology, College of Puget Sound, 1947—.
FACULTY

RAYMOND VAUGHT, A.M., M.Mus.
Associate Professor of Violin.
A. B. and A. M., University of Idaho, 1938 and 1940; M. Mus., Eastman School of Music, Rochester, N. Y., 1946. Teacher, High Schools, 1938-40; Instructor, Hastings College, 1942-45; Violinist, Rochester Philharmonic Orchestra, 1945-46; Assistant Professor of Music, College of Puget Sound, 1946-50, and Associate Professor, 1950—.

KENNETH MERRIAM WALKER, M.S.
Instructor in Biology.
B.S., and M.S., Oregon State College, 1943, 1948; graduate study, Oregon State College, 1948-51; Fellow, and Curator of the Museum, of the Biology Department, Oregon State College, 1947-51. Instructor in Biology, College of Puget Sound, 1951—.

JUANITA WALTER, A.M.
Assistant Professor of Art and Home Economics.
A. B., University of Washington, 1937, and A. M., 1940; study at University of Columbia, 1941, University of Minnesota, 1946, and University of Southern California, 1948. Teacher of Art, Shelton High School, 1937-38, Ellensburg High School, 1938-41; Assistant Professor in Art, Central Washington College of Education, 1941-44; Art Instructor, University of Minnesota, 1944-47; High School Teacher, Long Beach, California, 1948; Instructor in Art and Home Economics, College of Puget Sound, 1948-50, and Assistant Professor, 1950—.

A. KINGSLEY WEATHERHEAD, A.M.
Instructor in English.
A.B., Cambridge University, 1945, and A.M., 1949; Edinburgh University, 1949. Instructor in English Literature, second semester, 1950—.

LYNN LEOTA WENTWORTH, A.M.
Associate Professor of Art.
A. B., University of Washington, 1926, and A. M., 1927; study at Western Washington College of Education, Summer, 1944; University of Washington, Summer, 1946. Teaching Fellow, University of Washington, 1927-28; Teacher, Renton Public Schools, 1928-30; Lake Washington Schools, 1942-43; District Art Supervisor, Kirkland, 1945-47; Teacher, Kirkland Recreation Centers, Summers, 1945-46; Assistant Professor in Art, College of Puget Sound, 1947-49, and Associate Professor, 1949—.

VISITING TEACHERS, LECTURERS AND ASSISTANTS

HARVEY AFT, A.B.
A. B., University of Southern California, 1950. Fellow in Chemistry, College of Puget Sound, 1950—.

WILLIAM CARPENTER ALLEN, A.B.

JOHN RICE BALL, Ph.D.
A.B., Northwestern University, 1913; B.D., Garrett Biblical Institute, 1913; A.M., Northwestern University, 1918; Ph.D., University of Chicago, 1927. Instructor, Assistant Professor, Associate Professor, Professor, Northwestern University, 1918-46; Visiting Professor, University of Kansas City, 1946-51, University of North Carolina, 1951, and College of A.B., College of Puget Sound, 1951. Fellow in Chemistry, 1951—.

NANCY JANE BARE, A.B.
A. B., University of Washington, 1940; graduate study in education at the University of Washington; professional study with Martha Graham and Louis Horst in New York. Teacher in public high schools, 1940-43; in Annie Wright Seminary, 1943-50; Head of Dance Department at the Cornish School, Seattle, summers of 1944 and 1945. Assistant in physical education, College of Puget Sound, 1950—.
FACULTY

WALTER LOUIS BERG, A.M.
A.B., College of Puget Sound, 1946; A.M., University of Washington, 1948; graduate study, University of Washington, 1948-. Instructor in History and Geography, College of Puget Sound, 1951-52.

ERMA COFFMAN BLETHEN, A.M.
A.B., College of Puget Sound, 1927; A.M., Ohio State University, 1929; graduate, New York School of Social Work, 1940; Social Worker, New York City Department of Mental Hygiene, 1929-34; Chief Social Worker, State Training School, New York City, 1934-39; Supervisor of Child Welfare, State Department of Social Welfare, New York City, 1939-40; Director, Family Service Agency, San Francisco, 1940-42; Intake Supervisor, Family and Children's Center, Stamford, Connecticut, 1942-43; Assistant Professor of Social Work, Washington State College, 1945-47; Student Training Supervisor, Meninger Foundation, 1947-48; Director of Elementary School Counseling, Tacoma, 1948—. Assistant Professor in Education, College of Puget Sound, 1949-51.

HARRIETT I. CARMODY, A.M.

EDWINA CASEY, A.B.
A.B., University of Wisconsin, 1909; diploma from Wisconsin Library School, 1910. Legislative Reference Librarian in Wisconsin, Kansas and Illinois, 1910-20; Cataloguer, Tacoma Public Library, 1923-49; Cataloguer, College of Puget Sound, 1949—.

RICHARD E. CARLSON, A.B.
A.B., College of Puget Sound, 1951. Fellow in Chemistry, 1951—.

ARTHUR COMFORT

JEAN MOORE CRESO, B.S. IN O.T.

MARTIN FOPP
Head Instructor of Mount Hood, Alta, and Big Bromley Ski Schools. Winner of the Persenn Derby (Senior II twice, and Senior I once), of 1940 Rocky Mountain Championship (Aspen), of 1941 Far West Kandahar, of 1942 National Downhill Championship. Instructor in Skiing, College of Puget Sound, 1949—.

SHIRLEY FOPP

PAUL R. FOSSUM, Ph.D.
A.B., Concordia College, 1913; A.M., Johns Hopkins University, 1923; and Ph. D., 1924. Instructor and Assistant Professor in Economics, Wesleyan University, 1924-26; Assistant Professor and Associate Professor in Economics, Carleton College, 1926-36. Lecturer in Economics, College of Puget Sound, 1939—.

WILLIAM ALLAN GELLERMAN, A.M.
COLLEGE OF PUGET SOUND

ETHEL GROSS
Graduated from Eastern Washington Teachers College, 1917; studied commercial subjects at Oregon State College, University of Washington, and Gregg College, Chicago. Assistant in Business Administration, College of Puget Sound, 1950—.

CHARLES GUILFORD, B.S., M.Mus.

FRANK Y. HAYASHI, B.S.
B. S., University of Iowa, 1950. Research Fellow in Chemistry, College of Puget Sound 1950—.

AMORY ROBINSON HAYNES, B.S.

RICHARD EUGENE HENDERSON, M.Mus.
A.B., College of Puget Sound, 1949; M.Mus., Florida State University, 1951. Fellow, Music Department, College of Puget Sound, 1949-50, and Instructor in Wood Wind and Director of Band, 1951—.

PAUL KAUFMAN, Ph.D.
A. B., Yale University, 1909, and A. M., 1910; Ph. D., Harvard University, 1918. Instructor in English, Yale University, 1916-18; Professor of English, American University, 1920-30; Lecturer, College of City of New York, Summers, 1936-41; Professor of Psychology, Graduate School of Dept. of Agriculture, 1937-41; Personnel Consultant, War Dept., 1942-47; Lecturer in Psychology, College of Puget Sound, 1948—.

THOMAS W. LANTZ, A.B.

CHARLES P. LARSON, M.D.
A. B., Gonzaga University, 1931; M. D., Magill University, 1936; Certificate of Proficiency in Pathology, University of Michigan, 1939. Diplomate of the American Board of Clinical Pathology and Pathological Anatomy; Director of Laboratories, Tacoma General Hospital; Director of Laboratory Program, Medical Technology Curriculum, College of Puget Sound, 1950—.

GLADYS L. LEES, A.B., B.S. IN L.S.

MARTIN SYLVESTER MILLER, A.M.
A. B., University of Southern California, 1920; A. M., College of Puget Sound, 1945. Superintendent of Schools, Thurston County, Washington. Instructor in Education and History, College of Puget Sound, Summer Session, 1946; Extension Classes, 1946—.
FACULTY

HAROLD DEWITT MURTLAND, A.B., LL.B.

ARNOLD O. MYHRE, A.M.

HERMAN MATTISON MYHRMAN, A.M.

BERTICE G. RIEHL, B.L.

RICHARD L. ROSE, B.S.

NORMAN ALFRED SCHUT, A.B.

MARY SMITH, A.B.

DEE L. SNYDER, A.M.

RENWICK TAYLOR, A.B.
A.B., University of Washington, 1949, and Teaching Certificate, 1949; graduate study, Columbia University, Summer, 1950. Director of Instrumental Music, Clover Park High School, 1949—, and Instructor in Wind Instruments, College of Puget Sound, 1951—.

C. G. TRIMBLE, M.D.
Medical Adviser.
B. S. and M. D., Northwestern University, 1909 and 1910. Intern, Sioux City Hospitals, 1910-12; industrial surgeon, Hibbing, Minnesota, 1913-14; Superintendent of Hospital, Yansing, Fukien, China, 1914-27; private practice in Tacoma, 1929—. Medical Adviser, College of Puget Sound, 1949—.

JOHN J. WEITZ, B.S.
RACHEL SWARNER WELKE, A.B.

A.B., University of Washington, 1946; graduate study at the University of Washington, Juilliard School, New York, and University of Michigan. With the Seattle Symphony Orchestra, 1946-47; conductor of the Seattle Women’s Symphony. Assistant in Music, College of Puget Sound, 1949—.

MEDICAL ADVISORY STAFF FOR OCCUPATIONAL THERAPY

J. MORRISON BRADY, M.D.

Director, Pierce County Hospital, Tacoma, Washington. Lecturer at College of Puget Sound in General Medicine and Surgery.

LEON S. DIAMOND, M.D.

Chief of Physical Medicine and Rehabilitation, Veterans’ Administration Hospital, American Lake, Washington. Lecturer at College of Puget Sound in Psychiatry.

TRACY H. DUERFELDT, M.D.

Specialist in Internal Medicine. Lecturer at College of Puget Sound in Cardiac.

MARTIN J. GUNTER, M.D., PhD.

Lecturer at College of Puget Sound in Neurology.

ROBERT G. LANE, M.D.

Lecturer at College of Puget Sound in Tuberculosis.

WENDELL G. PETERSON, M.D.

Orthopedic Consultant, McChord Air Force Base (USAF) and Pierce County Hospital. Lecturer at College of Puget Sound in Orthopedics.

PAUL B. SMITH, M.D.

Specialist in Ophthalmology, Otology, Laryngology, Rhinology. Lecturer at College of Puget Sound in Eye and Ear.

JOHN F. STEELE, M.D.

President, Washington State Tuberculosis Association; Member of Board of National Tuberculosis Association. Honorary Member of Medical Advisory Staff of College of Puget Sound.

ROSS WRIGHT, M.D.

Honorary Member of Medical Advisory Staff of College of Puget Sound.
THE COLLEGE

NATURE AND AIDS

The College of Puget Sound is a coeducational college of liberal arts with courses of study leading to bachelor's and master's degrees in arts and sciences and in some vocational and professional fields. It provides for liberal education, prepares for professional schools in medicine, law, and other fields which have college education as a condition of admission, and trains for professions of public school teaching, music, occupational therapy, and business.

The college is dedicated to "the promotion of Learning, Good Government, and the Christian Religion." The attempt is made to interpret the phrase "good government" as both part and product of a liberal education, in the belief that capacity for self-government is a feature of an educated man. The college also presents the Christian religion, without any denominational teaching, as a part of our culture; and it seeks to promote the Christian spirit. It conceives that the Christian outlook is one that assigns supreme worth to the human spirit, and it believes that the Christian character of the institution is to be achieved through the presence of this outlook in all of its program.

It is the purpose of the college to produce men and women who are intellectually, socially, and morally prepared to assume the responsibilities of citizenship and to lead in the upbuilding of society. In its instruction it aims to develop self-reliant students who can master known truth, search for new truth, and produce new ideas for their generation.

The college has adopted the policy of admitting freshmen on evidences of probable success in college studies rather than the possession of credits in prescribed courses. One may be admitted upon the diploma of an accredited high school, provided he ranks in the upper half of his graduating class. Otherwise, he must satisfy the admissions committee of the college that he is capable of, and will profit by, pursuing a college course.

The members of the faculty have been chosen from the graduates of the best American and foreign universities. They have been selected because they have the qualities for promoting correct instructor-student relationships. This guarantees sympathetic counsel and guidance for students.

Methods of instruction are used which are progressive and have proved effective. The administration is alert to changes which are constantly being made in college procedure.
COLLEGE OF PUGET SOUND

LOCATION AND EQUIPMENT

The city of Tacoma, the home of the college, is one of the three largest cities of the State of Washington. Beautifully situated on Commencement Bay, toward the south end of Puget Sound, it commands a magnificent view of majestic Mount Rainier. It is a city of extensive manufacturing plants, good homes, fine churches, and modern schools. Four transcontinental railways enter the city, and ships from all ports of the world land at its docks.

The college has a well-located campus of sixty acres in a good residential section in the north end of the city. It moved to this site in 1924, and now has a number of buildings which cannot be excelled for quality and design as college buildings. The campus and plant have a value of over $2,000,000, and there are productive endowments of about $1,500,000.

Gifts have been given for a library and a new music building. Work on these will be started as soon as conditions for building are favorable.

BUILDINGS

C. H. JONES HALL occupies the east side of the academic quad-rangle. This building is the gracious gift of the late Mrs. Franke M. Jones in memory of her husband. It is a three-story building of concrete and brick, 270 by 50 feet. The ground floor is occupied by the library and alumni and field offices. The first floor is occupied by the auditorium which seats over 700 people, the offices of the president, dean, bursar, and registrar, and six class rooms. The second floor is occupied by the balcony of the auditorium, ten classrooms, the small chapel, and professors' offices. The roof is decked and the attic is lighted by skylights. The art studios and galleries are located here.

LEONARD HOWARTH HALL, completed in 1927, is one of the finest science buildings in the country. It is a modern, fireproof, three-story building of concrete and brick, 150 by 60 feet. The lower floor is occupied by the physical laboratories. The second floor houses the biological and home economics laboratories and classrooms. The third floor is occupied exclusively by the chemical laboratories, classrooms and a modern lecture room. The attic, lighted by skylights, is used by the geology department for its classrooms and laboratories.

THE MUSIC BUILDING is a frame structure located on the campus west of Jones Hall.
THE COLLEGE

THE GYMNASIUM is a two-story, brick veneered building, 110 by 70 feet. On the first floor are bathrooms, locker rooms, dressing rooms and offices for the director of physical education for women. The second floor contains additional rooms for offices and trophies, and the main hall for physical exercises, 68 by 90 feet.

The new MEMORIAL FIELD HOUSE is a tribute to former students who gave their lives for the cause of freedom in World War II. It was erected by contributions of students and citizens of the community at a cost of over four-hundred and fifty thousand dollars. Building was begun in the summer of 1948 and completed in the spring of 1949. The structure, of reinforced concrete, is two-hundred by one-hundred and eighty feet in size. There is a playing surface two-hundred feet by eighty feet, which would give space for four basketball courts. Balconies will seat forty-six hundred spectators, and bleacher seats will increase the capacity by an additional two thousand.

THE AGNES HEALY ANDERSON HALL, a residence for women, was opened for use in February, 1939. It is of concrete and brick construction, entirely fire-proof, and similar in architectural style to the other buildings. It contains lounge, dining room, recreation facilities, and rooms designed for one or two persons.

JOHN M. KITTREDGE HALL, designed as a Student Union, was opened for use in January, 1942. It contains the Commons, Book Store, student activities offices, lounges, and sorority rooms.

THE COTTAGE. A frame residence has been remodeled to provide living quarters for a small group of women.

TODD HALL, a men's dormitory named in honor of President-Emeritus Edward H. Todd began services in January, 1948. Of concrete and brick construction, in the style of the main college buildings, it is three stories in height, and provides attractive and comfortable living accommodations for one hundred and twenty-five men.

SOUTH HALL is a group of five units of former government buildings reconstructed for academic use. They provide class rooms, studios, and laboratories to care for about eight hundred students.

THE PRESIDENT'S HOUSE was completed in the summer of 1950. A residence of brick construction in the Tudor Gothic style of the other college buildings, it has added much to the general campus development.
LIBRARY

The library occupies one-half of the lower floor of Jones Hall. It contains over sixty thousand volumes and receives a selected list of three hundred and ten periodicals. It is a depository for the documents of the Federal government. All the collections of the library are open to the students. Most books are loaned for two-week periods with renewal privileges, but certain books in more frequent demand are kept for reference purposes or placed on reserve for class use. The library maintains the usual dictionary catalogue on cards by author, title, and subject, and subscribes to several of the standard periodical indexing services.

HISTORY

The College of Puget Sound has come to its present legal standing through three records in the State Auditor's office. March 17, 1888, the Puget Sound University was incorporated through an application authorized by the Puget Sound Annual Conference of the Methodist Episcopal Church.

Upon the action of the same Conference, the University of Puget Sound was incorporated April 23, 1903, to take over and continue the work begun by the first corporation. Upon application of the trustees, the articles of incorporation of the University of Puget Sound were amended in the spring of 1914, and the institution took the name of College of Puget Sound.

The incorporators of the Puget Sound University were: Joseph D. Caughran, W. H. Fife, David Lister, Calvin S. Barlow, David G. LeSourd and John F. DeVore. Those who incorporated the second institution were: Joseph E. Williams, Edwin M. Randall, B. F. Brooks, Clarence E. Hill, David G. LeSourd, George Arney, Alfred Lister, John W. Berry, William S. Harrington, Daniel L. Rader, George F. Whitty, Lee L. Benbow, R. G. Hudson, Thomas S. Lippy and E. S. Collins.

The presidents of the institution have been: F. B. Cherington, 1890-1892; Crawford R. Thoburn, 1892-1898; Wilmot Whitfield, January, 1899-1901; Dean Orman C. Palmer, acting president, 1901-2; and vice-president Charles O. Boyer, acting president, 1902-3; Edwin M. Randall, 1903-4; Joseph E. Williams, 1904-7; Professor Leo L. Benbow, acting president, 1907-8, and president, 1908-9; Julius C. Zeller, 1909-13; Edward H. Todd, 1913-1942. R. Franklin Thompson, the present incumbent, began his term in September, 1942.
THE COLLEGE

Its academic organization was changed from that of a university to a college of liberal arts in 1914. The business college was discontinued that spring. The preparatory school was discontinued in 1916. In 1927, the college voluntarily surrendered the accreditation by the State Board of Education for the two-year course for teachers for elementary schools, and thus eliminated all programs of less than baccalaureate grade. Training of elementary teachers was resumed in 1950 under new State standards for a general teaching certificate.

The college has received accreditation from the major accrediting agencies for its fields of education, and was on the approved list of the Association of American Universities from 1932 until the Association discontinues such listing.

It has had five locations in its career. In 1923 the present campus was purchased. C. H. Jones Hall and the gymnasium were erected in 1924, and Leonard Howarth Hall was begun. The latter building was completed in 1927. In 1939 the first unit of a residence hall for women, Agnes Healy Anderson Hall, was erected. In the fall of 1941 John M. Kittredge Hall, a student union building, was completed. In 1947 five units of government buildings were provided to help care for increased enrollment of veterans. Todd Hall, a residence for men, was opened in January, 1948. A new Memorial Field House was completed in 1949, and a home for the president in 1950.

The James J. Hill Endowment of $250,000 was completed in 1916. The raising of additional endowment of $1,000,000 was completed in December, 1932. The latter was made possible through the challenge of $250,000 and payment thereof by the General Education Board.

The Carnegie Corporation has recognized the college by presenting it with a College Art Set as equipment for the art department, a gift of $10,000 for the purchase of books for the library, and a gift of $35,000 for a fine arts project conducted in the college over a period of several years.

By a survey staff the college was pronounced to have "a challenging opportunity to provide an important center of religious and moral influence in the entire community as well as in the lives of its own students."

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COLLEGE OF PUGET SOUND

ACCREDITATION

The accrediting agencies for educational institutions are primarily the regional associations. As accredited by the Northwest Association of Colleges and Secondary Schools, the credits of the College of Puget Sound are also recognized by the other regional associations—namely, The North Central Association, The Association of the Middle States and Maryland, The New England Association, and The Southern Association.

The American Medical Association, the University Senate of the Methodist Church, the Association of American University Women, the National Association of Schools of Music, the American Chemical Society, and the Washington State Board of Education also accredit the College of Puget Sound for particular types of training or objects.
TODD HALL - MEN'S RESIDENCE
STUDENT UNION BUILDING SEEN ACROSS SUTTON QUADRANGLE

THE COMMONS STUDENT UNION BUILDING
ADMISSION

REQUIREMENTS FOR ADMISSION

I. ADMISSION TO THE FRESHMAN CLASS.

STUDENTS are admitted on the basis of certificate of graduation with good scholastic record from a fully accredited high school and of recommendation by the principal.

The college may reject any applications. The student body is limited to a size that can be effectively cared for with the staff and equipment of the college. Selection of candidates will be made on the basis of qualities that give promise of academic success and of future social usefulness.

Each candidate for admission to the freshman class of the College of Puget Sound is requested to file a formal application of admission, including a statement of personal qualification, biographical data, physical condition, and an official copy of his high school record with the registrar not less than a month in advance of the registration date set for the semester in which the candidate desires to enter.

Blanks for the filing of these credentials may be obtained from the high school principal, in the State of Washington, or by addressing the registrar of the college.

The total requirement of secondary school work is 12 units from the 10th, 11th, and 12th grades of a three-year senior high school or 16 units from a four-year senior high school, except as waived for veterans on the basis of the USAFI General Educational Development, or special subjects, tests.

The following distribution of 16 units* of high school work is recommended:

English, at least 3 units.
Algebra, at least 1 unit.
Plane geometry, at least 1 unit.
Ancient or modern foreign language, at least 2 units of one language.

*A unit is defined as credit for one subject taught five times a week, in periods of not less than 45 minutes, for a school year of not less than 36 weeks.
COLLEGE OF PUGET SOUND

History and civics, at least 1 unit.
Laboratory science, at least 1 unit.
Additional to be chosen from the above groups, 3 units.

Electives, 4 units to be selected from subjects accepted by an accredited high school towards graduation.

No college credit is given for surplus high school credits or post-graduate work taken in high school.

All first-year students are required to report for Freshman Induction scheduled before the date for the beginning of classes. Psychological and aptitude tests are given as part of the entrance program, and a student is not fully registered until he has taken these tests. The results of these tests, duly analyzed and interpreted, will be reported to the faculty and administrative officers for their guidance in advising students.

II. ADMISSION TO ADVANCED STANDING.

Students who have been in attendance at institutions of college grade may be admitted to advanced standing in the College of Puget Sound, receiving credit for work done in other institutions under the following conditions:

1. In no case will a student who is unable to present a certificate of honorable dismissal from the institution previously attended be admitted to the College of Puget Sound.

2. The student should file with the registrar of the College of Puget Sound a complete transcript, signed by the registrar of each institution attended, at least two weeks prior to the first day or registration of any session. Prompt evaluation of transcripts received later than this cannot be assured. In no case will a student be permitted to enter, other than tentatively, until his certified transcripts have been received and evaluated.

3. Any transfer student expecting upper-class standing in the College of Puget Sound must indicate his major and probable minor at the time of submitting his transcript.

4. No credit will be given for any courses from institutions previously attended for which the institution's lowest passing grade was given, unless such courses are counterbalanced by an equivalent number of hours of credit with grades above their average.
ADMISSION

5. Advanced standing credit will be considered tentative until at least one semester of satisfactory work has been done at the College of Puget Sound, and may be revised in the light of such performance before being accepted towards graduation as part of the student's permanent record.

6. No extension or correspondence study credit will be accepted unless presented from accredited institutions having regularly organized departments for such work. Except with the consent of the head of the department concerned such credits can be applied to meet only general elective requirements in the College of Puget Sound. They shall not exceed a total of fifteen semester hours.

7. Students from unaccredited institutions may, upon application to the Admissions Committee, be allowed to enter as special students without classification, for a trial period of one semester. Upon satisfactory completion of this work, the registrar will determine the amount of advanced standing to be allowed.

8. Former students who have not been in attendance for a semester or longer must apply for re-entrance.

9. Former students who have been dropped for unsatisfactory academic work will be re-admitted only by special action of the Admissions Committee.

10. In no case will transfer credit from a junior college be in excess of sixty semester hours plus four physical education credits.

III. ADMISSION TO GRADUATE WORK.

Applicants for admission to graduate study, if not graduates of the College of Puget Sound, are required to file with the registrar, not later than the dates of regular college registration for the semester in which graduate work is begun, a certified transcript of courses and grades earned at institutions previously attended.

Not all persons engaged in graduate study are candidates for the master's degree. Application to work for an advanced degree must be made to the Chairman of the Graduate Division, and suitability of the candidate and of his program must be passed on by the committee. Students who are enrolled in graduate study in accordance with these conditions will be admitted to candidacy for the master's degree after a semester of satisfactory graduate residence work.

IV. ADMISSION OF SPECIAL STUDENTS.

Mature students who are not graduates of high schools or who cannot present the required entrance credits, and who are not
candidates for a degree, may be admitted as special students with
the privilege of pursuing the studies for which they are prepared.
The college prefers that all students meet the entrance requirements.
Only a limited number of special students can be admitted.

V. AUDITORS.
Persons who desire to attend courses as auditors, may be ad-
mitted only on the authorization of the dean. The fee for auditors
is half the regular tuition charge except that this reduction is not
given in the evening or summer classes. Auditors will not receive
special instruction or attention from the instructor in charge.
They cannot earn credit in the work.

REGISTRATION

REGISTRATION DAYS—Students will register on the dates
designated in the calendar for this purpose. Registration at other
times will be at the convenience of the registration officers.

The acceptance of entrance credentials, the completion of
entrance tests, and the payment of fees give full admission to
college membership.

LATE REGISTRATION—A late registration fee of $3.00 must
be paid by all students who register after the regular registration
days. No student will be permitted to register after the second
full week of class meetings.

NORMAL ENROLLMENT—The normal enrollment for a stu-
dent will be fifteen credit hours, and a physical education activity.
A freshman may carry one hour above the normal enrollment, if
his high school grades are good. A sophomore may carry two
hours, and a junior or senior three hours, above the normal enroll-
ment provided that his grade average for the previous semester
was B or above.

PARTIAL ENROLLMENT—Students who are earning a part of
their way through college should plan to carry a lighter load of
academic work to conform to the amount of outside work carried.
While individual capacities differ a great deal, it has been found
that the average student would profit greatly by not attempting
too much. If outside employment is necessary, it would be better
to take a longer time to complete the college course. The follow-
ing schedule is recommended:

<table>
<thead>
<tr>
<th>Amount of Daily Outside Work</th>
<th>Weekly Academic Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under two hours</td>
<td>15 hours</td>
</tr>
<tr>
<td>Two to four hours</td>
<td>12-14 hours</td>
</tr>
<tr>
<td>Four to six hours</td>
<td>8-12 hours</td>
</tr>
<tr>
<td>Six to eight hours</td>
<td>6-8 hours</td>
</tr>
</tbody>
</table>
ADMISSION

REDUCED REGISTRATION—A student who in any semester fails in 1/4 of his hours shall, in the following semester at the discretion of the dean, carry less than the normal registration. A student who fails in 1/3 of his hours shall not be re-registered except by special action of the Admissions Committee.

PRECEDENCE OF DELINQUENT STUDIES—A student shall give precedence in arranging his schedule to required courses that may have been omitted and to work required by reason of delinquency in previous studies.

CHANGE IN REGISTRATION—The student’s choice of studies, once made and filed, is expected to be permanent. If a change becomes necessary during the first week, the student must fill out a change of registration form, secure the approval of his academic advisers and the registrar, present the form to the bursar and make adjustments of fees that the change may involve before the student may be enrolled in the new class. If the change becomes necessary after the first week, it must be approved also by the instructors concerned. Changes made after the second week must in all cases reduce the number of hours taken by the student. Students who drop a course without permission will be marked F on the registrar’s books. Students cannot receive credit for courses for which they have not registered properly through the correct hands.

A fee of $1.00 will be charged for each change of registration unless the change is initiated by the dean or the adviser.

CHANGE OF ADDRESS—Students must report any change of address to the registrar’s office.

ADVISORY SYSTEM

When admitted to the college, each student is assigned to a member of the faculty who acts as his academic adviser until a major subject of study is chosen, normally at the beginning of the junior year. The student’s class registration for each semester must be approved by this adviser.

After the student has chosen a major subject, the head of instruction in that subject is his academic adviser. Approval of his registration by the major professor must be entered on the registrar’s card each term.

While the advisers will help check the student’s schedule, this service will not release the student from personal responsibility for satisfaction of general requirements for graduation as stated in the catalogue.
ENROLLMENT—A student may be enrolled for a course only by means of a registration form properly endorsed by registration officers. When once enrolled, a student remains a member of the class until the conclusion of the course unless he formally withdraws or is removed for cause.

WITHDRAWAL—Termination of class membership on initiative of a student requires the signature of the dean on a form for change of registration or withdrawal which the student submits to the bursar's and registrar's offices. A student will not be given a record of "withdrawal" from a course in which he is failing after the fourth week of a semester. A student who discontinues class functions without permission is charged with a failure.

ABSENCES—Students are expected to give punctual and regular attendance at all classes and laboratory periods in courses for which they are registered. Absences are counted from the first day of the college term, not from the student's personal registration.

All work missed by reason of absence, regardless of cause, must be made up. A student's membership in a class may be discontinued for frequent tardiness or absence, and an instructor may report a student to the registrar's office for cancellation of registration in a particular course when the number of absences from it exceeds twice that of its weekly meetings. In such a case, unless the student secures reinstatement on grounds satisfactory to the administration and to the instructor in the subject, a grade of F will be given for the course.
GRADUATION REQUIREMENTS

REGULATIONS CONCERNING CREDITS AND GRADES

FOR each course of study successfully completed a student receives a number of credits which is equal to the number of standard-length class meetings per week in the course for one semester. For example, a class which meets three times a week through a semester gives three credits. Lecture or recitation meetings are approximately an hour in length, and it is expected that there will be, on an average, two hours of preparation for each hour of class meeting. Credit for laboratory periods is counted on the basis of one credit for two or three hours of laboratory work, depending upon the amount of supplementary work required outside the laboratory.

EXPLANATION OF GRADE POINTS

For each credit in which he has a grade of D a student receives one grade point; for each credit in which he has a grade of C, two grade points; for each credit in which he has a grade of B, three grade points; and for each credit in which he has a grade of A, four grade points. Grade points as well as credits are conditions for graduation.

CLASSIFICATION OF STUDENTS

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

Sophomore Standing—A student who has satisfied all entrance requirements and has a total of 24 credits and 48 points has sophomore standing.

Junior Standing—A student who has at least 55 credits and 110 points has junior standing.

Senior Standing—A student who has at least 84 credits and 168 points has senior standing.

Special Standing—A student who is unable to obtain any of the foregoing ranks but is permitted to pursue certain subjects for which he is recognized as qualified is designated as a special.

GRADE REPORTS

Reports are made upon the standing and scholarship of all students at the middle of each semester, and unsatisfactory conditions are immediately considered by the dean or academic adviser. The student is notified of unsatisfactory conditions, and, when it seems warranted, the parents of the student are also informed.
COLLEGE OF PUGET SOUND

Semester reports of grades are given to the student the second week following the close of the first semester. Second semester grades are mailed to the home address.

SYSTEM OF GRADING

<table>
<thead>
<tr>
<th>Grades</th>
<th>Significance</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Unusual Excellence</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Superior</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Passing</td>
<td>1</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>Conditional</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
</tbody>
</table>

A student is reported incomplete in a course only on condition that his work has been generally good and the instructor considers time allowable for a specific piece of work missed or unfinished. To secure credit this work must be completed not later than six weeks after the beginning of the next semester. Unless the incomplete is removed within that time, the grade will automatically become an "F".

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

SPECIAL EXAMINATIONS

A student who is absent from an examination or test may take a special examination or test only in case his absence was excusable. A charge of one dollar is made for a special final examination or qualifying examination such as is required in the case of excessive absences. A student must obtain a permit from the dean and a bursar's receipt for payment of the fee before he takes a special test or examination.

GRADE REQUIREMENTS

Earnest application to the academic program is expected from every student. The minimum qualification for graduation is 120 semester-hours of credit in academic subjects with cumulative grade-point average of not less than 2.00 for all work attempted. Individuals whose work consistently falls below the level of scholarship expected, or who do not cooperate in maintaining the scholarly conditions and interests or in promoting the reasonable life of the college will not be continued as students.

A student who fails in more than one course, and one-third or more of his registered hours, will not be permitted to re-register.
GRADUATION REQUIREMENTS

If a student earns in any term a grade-point average less than 1.75, he will be on scholastic probation for the next term of college attendance. In case he earns a grade-point average less than 1.75 in a probationary term, he will not be permitted to re-register.

A student whose general scholastic record in unsatisfactory will be placed on probation or refused permission to re-register. To be in good academic standing, the following minimum cumulative grade-point average must be maintained: Freshmen, 1.75; Sophomores, 1.85; Juniors, 1.95; Seniors, 2.00.

If a student's cumulative grade-point average falls below that for his respective class in any term, he will be placed on academic probation for the following term. If, in the following term, he does not reach the requisite grade-point average, he will not be permitted to re-register.

A student who has been dropped may apply to the Admissions Committee for reinstatement. If the Committee feels there are extenuating circumstances, the student may be given permission to re-register on probation for one semester. Exception to the operation of the rules will not be made for a succeeding semester.

A student on probation for scholarship is not eligible to hold office in student organizations, to participate in extra-curricular activities, nor to be pledged or initiated into a social fraternity or sorority. (See Eligibility Rules in another part of this catalogue for complete information.)

A senior will not be placed on the list of students to be graduated at the end of a semester or session in which he is on scholastic probation.

CREDIT BY TRANSFER

Credits may be allowed by transfer from properly accredited institutions according to conditions stated under the heading of "Admission to Advanced Standing."

Credit for extension work is limited in amount, and is subject to conditions involved in the rules which apply to student load and to approval of study programs during terms in which students are registered in this college. Credit will not be allowed for extension courses taken by students while enrolled in the college unless approval has been secured from the dean prior to the registration.

CONVOCATION

There are regular convocations which serve educational and cultural purposes, and promotion of interests of the college community. Attendance at these is a part of each student's program, and a record of satisfactory in this is required in each semester at the college in order to be in good standing.
COLLEGE OF PUGET SOUND

GRADUATE RECORD EXAMINATIONS

For several years the college has been giving the Graduate Record examinations to its senior class. These give a rating on national standards in general education and in the major subject. Results in these tests are required by a number of graduate schools for admission. The examination must be taken by all students who are seniors in the year in which it is given. It covers the general requirement for a comprehensive examination in the major field.

INDEPENDENT STUDY FOR HONORS

To juniors and seniors of superior ability the college offers an opportunity to pursue independent investigation in their major subjects.

Independent study may be requested by a student or suggested by one of his instructors, but in all cases recommendation by the faculty member who will be his major instructor and approval by the committee having general supervision of independent study are requisite. A point average of 3.0 is a general standard, though selection will be based on the student's attitudes and on the quality of his work in the subject in which he proposes to specialize rather than on his average grade in all subjects.

Upon beginning independent study, a student will be given a statement of the topics, periods, and literature of his subject which he will be required to know. He may make use of any lectures or classes offered by the college in the subject, but will not be required to attend classes or take course examinations in it. Regular conferences and reports will be required as means of giving help and of determining progress, but credit will be based on knowledge of the subject rather than on fulfillment of formal requirements.

The student's knowledge of his subject will be determined by comprehensive written and oral examinations to be held during the second and third weeks of May in the senior year. A student who stands well in these examinations will be excused from examinations at the end of the senior year in all courses satisfactorily carried during the semester.

The comprehensive examinations will not be given in any case by a single instructor, but by a board drawn in part from outside the department or the institution. They will be under supervision of the committee on independent study, appointed by the college administration and representative of the several divisions of the faculty.

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GRADUATION REQUIREMENTS

Credit in amount recommended by the major instructor, but not to exceed five hours for a single semester, may be allowed toward the hours required for graduation, subject to confirmation by the examining board.

Each student must present a thesis displaying critical study of a designated area in the field of major interest, for which four hours may be allowed. The subject of the thesis must be submitted to the committee through the major instructor before October 15 of the senior year. The completed thesis must be submitted to the committee for approval before May 1 of the senior year.

A student will be recommended by the committee on the basis of his examinations and general record, (1) for a degree without honors, (2) for a degree with special mention in his major subject, or (3) for a degree with honors and with special mention in his major subject.

Capable students will be encouraged to start independent study at the beginning of the junior year, but they may be admitted at the beginning of any subsequent semester. A student who has begun independent study may be returned to class attendance at the beginning of any semester by his own request or by action of the committee, and credit will be allowed on an evaluation of work done. A student who starts on the plan of independent study late, and who has taken most of his work in regular courses, is eligible equally with the others for honors, but must meet the requirements of thesis and comprehensive examinations on the same basis. Ultimately it is expected that all candidates for honors will have pursued some part of their course in independent study.

GRADUATION HONORS

A degree with honors will be given to students who have given special evidence of intellectual ability and scholarliness. This distinction will be granted through nomination by the student's major department, recommendation by the Committee on Awards and Honors based on the student's grade record and other evidences of knowledge and scholarly qualities, and approval by the faculty.

Students who are accepted for independent study are candidates for special mention at graduation in their major subjects and for degrees with honors.

Students who are candidates for honors may be exempted from examinations in courses in the final semester of the senior year.
COLLEGE OF PUGET SOUND

DEGREES OFFERED

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

The Bachelor of Education degree is granted to students who hold an A.B. or B.S. degree from an accredited college or university, and who meet residence and specific course requirements at the College of Puget Sound.

The college also offers work leading to the degrees of Master of Arts, Master of Science, Master of Education, and Master of Business Administration.

The requirements for each of the degrees are prescribed below. Applications for candidacy must be made not later than the first semester of the year in which a degree is expected.

REQUIREMENTS FOR THE BACHELOR'S DEGREE

A. GENERAL REQUIREMENTS FOR ALL UNDERGRADUATES

1. Undergraduates working for degrees in any department of the college must take courses in each of the fields listed below, as specified in the accompanying statement.
   a. English Composition, one year. Most students will take English 1, 2; but students who have had a grade-point average of not less than 3.0 in high school English and a score of not less than the 75th percentile in the English test given to entering freshmen may substitute English 61, 62.
   b. Natural Science, a one-year laboratory course in a biological science and a one-year laboratory course in a physical science, except that, if a student has completed a unit of either type of science in high school, he may satisfy the requirement by a one-year course in the other type; and, if he has completed a unit in each, he may satisfy the requirement by one year of any laboratory science or of mathematics.
   c. Social Studies, not less than nine semester hours from specified courses.*

   *The requirement in social studies may be met by choice from Economics 1, 53, 192 or 157, any courses in history, any courses in political science other than Course 103, Psychology 51, 54, 127, 129, and Sociology other than Courses 101, 102, 103, 143, 163, 164, 178, 180.

[40]
GRADUATION REQUIREMENTS

d. Humanities, not less than nine semester hours which shall be from specified courses and shall include three semester hours in religion.*

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

3. Each student shall also choose a second field of specialization, or minor subject, in which not less than fifteen semester hours shall be taken. The minor should broaden the student’s study rather than intensify his specialization, and may not be in the same field as the major subject. The choice of the minor subject must be approved by the head of the department in which the major falls. Work of a D grade may not count as part of the minor.

4. A total of not less than one hundred and twenty academic semester hours, of which not less than forty are above the sophomore level, plus credits for five semesters in physical education activities, must be completed.

B. Special Requirements for:

1. The degrees Bachelor of Arts and Bachelor of Science:

   a. Candidates for the Bachelor of Arts or Bachelor of Science degree must choose a major in a department in Arts and Sciences: for the A.B., art, economics, English composition, English literature, French, German, history, mathematics, music, philosophy, political science, psychology, religion, sociology, Spanish, speech and dramatics, or one of the sciences; for the B.S., biology, chemistry, geology, mathematics, or physics.

   b. Candidates for these degrees must complete two college years, or the equivalent, in one foreign language.

   c. Candidates for the B.S. degree must complete the following courses: Biology 1, 2 or Botany 15, and 16 or 58 (unless a year’s course in biology or botany has been

*Selection to meet the humanities requirement may be from Art 77, 125, 126, English literature, literature courses in the foreign languages, Music 3, 4, philosophy, Religion 1, 51, 52, 103, 105, 136.
COLLEGE OF PUGET SOUND

taken in high school), Chemistry 11, 12, Mathematics 11, 12, and Physics 51, 52 (except for majors in biology who have had a year's course in physics in high school or an equivalent. The foreign language chosen for the B.S. degree must be French or German, except that students who major in Geology may substitute Spanish.

2. Special degrees in Arts and Sciences:

Students who select majors in business administration, education, home economics, occupational therapy, physical education, or religious education will be candidates for special degrees in arts and sciences. These include B.A. in Business Administration, B.A. in Education, B.A. in Home Economics, B.S. in Home Economics, B.S. in Occupational Therapy, and B.A. in Physical Education. In geology a program without foreign language and with modification of the requirements for the B.S. may be followed for a degree of Bachelor of Science in Geology.

3. The degree Bachelor of Music:

Candidates for this degree should consult course offerings and requirements listed by the department of music.

C. MINIMUM RESIDENCE AND CREDITS:

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

In the case of students who spend only one year in residence, this must be the senior year; in all other cases, except as hereinafter provided, without regard to the amount of previous residence, the last fifteen semester-hours must be completed in residence.

Students of the college who transfer to an accredited professional school after having completed ninety semester-hours, which must include the major, minor, and specific requirements, in the College of Puget Sound, may apply for a degree upon completion of work in the professional school equivalent to the additional thirty hours required in this college. An application for a degree under these conditions must be made at the beginning of the student's junior year and be accompanied by a statement of his proposed plan of study in both institutions.
GRADUATION REQUIREMENTS

D. MILITARY-TRAINING REQUIREMENTS
   (Air Science and Tactics)

1. Subject to the exceptions stated herein, every male student who enters the college without advanced standing will be required to complete successfully four semesters of military training.

2. Subject to the exceptions stated herein, every male student who enters the college with advanced standing will be held for the military training requirement, provided, however, that such a student will be subject only to a period of military training equivalent to the number of semesters he needs to achieve junior standing by a normal schedule.

3. No student in resident-attendance at the college prior to the first semester 1951 shall be held for any part of the military training requirement.

4. Exemptions from the military requirement will be granted to students in the classifications listed below.
   
a. Persons who are twenty-three years of age or over at the time of original entry into the college.
   b. Students who enter as juniors or seniors.
   c. Special students.
   d. Students registered for ten credits or less exclusive of AF ROTC.
   e. Students who are not citizens of the United States.
   f. Students who are active members of the Armed Forces or Coast Guard of the United States, or commissioned officers of the National Guard, or reserve officers of the Armed Forces or Coast Guard of the United States.
   g. Students who are active enlisted members of the National Guard or of the Organized Reserve of the Armed Forces or Coast Guard of the United States, provided, however, that exemption shall be granted only to those who held such status prior to their original entry into the college. Such membership shall have existed prior to September 1, or January 1, of the current school year, respectively, for those entering in the first or second semester. A student who seeks his initial exemption under the terms of this paragraph shall present to the registrar, prior to his first registration, a statement signed by his commanding officer which certifies that he is an
active member in good standing of his reserve or National Guard unit. Further exemption shall be contingent upon the filing of a similar certificate with the registrar prior to, but within two weeks of, the opening day of each semester during which exemption is sought.

Should a student exempted under the terms of this paragraph be dropped from active membership in his reserve or National Guard unit after less than one year of service he shall be subject to the entire college military training requirement. Should he be dropped from active membership in his reserve or National Guard unit after one year or more of service he shall be subject to not more than two semesters of the college military training requirement. In such case the minimum requirement shall be fixed by the dean of the college in consultation with the AF ROTC commander.

h. Students who claim credit for military training elsewhere. Such students shall make their claims upon registration; all credits allowed shall be recorded by the registrar, and the evidence shall be filed in the student’s permanent record file in the registrar’s office.

i. Students with previous military service. Exemption from one year of military training shall be granted to honorably-discharged men who have served not less than six months, but who have served less than one year of active duty in the Armed Forces of Coast Guard. Complete exemption from military training shall be granted:

(1) To honorably-discharged men who have served one year or more of active duty in the Armed Forces or Coast Guard, and

(2) To those who hold a Certificate of Disability Discharge. The registrar shall process exemptions specified in this paragraph.

j. Students who, because of physical condition, are exempted by the college physician.

k. Students who seek exemptions on grounds other than those specified above, will petition for exemption to the dean of the college.

5. Male students other than those listed under paragraphs (a) to (f), inclusive, of Rule 4 shall register for the proper course and
GRADUATION REQUIREMENTS

shall attend classes until their requests for exemption have been granted.

6. The military-training requirement shall normally be satisfied during the first four semesters of residence. Deferment of the requirement shall become effective only upon recommendation of the dean of the college. Deferment of the military-training requirements shall not be construed as exemption.

7. Students exempted from any of the military-training requirements shall be required to earn equivalent credit in other college courses. This shall be done according to the rules established by the college.

8. Successful completion of the Basic or Advanced Course, AF ROTC, once entered upon, shall be a requirement for graduation for a student, unless he shall be discharged by the college officials and the Secretary of the Air Force.

REQUIREMENTS FOR THE DEGREE OF

BACHELOR OF EDUCATION

The degree of Bachelor of Education will be granted under certain conditions to students who have a previous bachelor's degree and who have completed the additional requirements specified by the State Board of Education for certificate to teach in the public schools. The requirements are listed in further detail under the head of the Department of Education.

REQUIREMENTS FOR THE MASTER'S DEGREES

The master's degree is granted only after a full year or more of residence work following receipt of a bachelor's degree, and upon the completion of an approved program of study, including, except in the case of the Master of Education, the preparation of a thesis.

Candidates are accepted only in departments which provide the conditions of sufficient advanced courses, instruction from more than one faculty member, supervision by a staff member
with a doctor's degree, and adequate research facilities and materials. Work for the master's degree is being given in biology, business administration, chemistry, economics, education, English literature, and history, and applicants will be considered in particular cases in some other departments which meet the general standards.

Candidates for the master's degree in the Department of Education may elect either to take the degree Master of Arts, according to the requirements for that degree, or to take the degree of Master of Education. (Statement of requirements for the Master of Education degree is given under the Department of Education.) Students who meet the general requirements for the master's degree in the department of Business Administration will receive the degree of Master of Business Administration.

The minimum requirement is thirty semester hours of A or B grade. Four to six of the required number of hours may be allowed for the thesis; the remainder must be in approved upper-level courses. Requirements beyond this limit may be made at the time of admission to study or to candidacy when the character of the undergraduate preparation and the nature of the graduate study make them advisable. The degree is not earned by accumulation of credits but by evidence of familiarity with one of the special fields of knowledge and its related subjects.

A total of forty-four hours of combined undergraduate and graduate credit in the field of major interest is considered a minimum amount of credit in the major subject, and in all cases at least twenty semester hours of graduate credit must be in the major field. Where it is possible under these conditions, subject to approval by the committee, a minor may be taken in a subject related to the major interest. A graduate minor must include not less than twenty-four hours of combined undergraduate and graduate credit.

Credit may be given, at the discretion of the committee, for graduate work in other institutions having similar standards for such work, but such credit may not exceed one-third of the total amount required.

Study for the master's degree is under supervision of the chairman of the graduate division. All graduate students who wish to become candidates for the degree must submit application and record to the chairman. A student will be approved to work for the degree only on the basis of an excellent record and of conference with the chairman. A student who has been admitted to study for an advanced degree, but who has not enrolled in any course or had any active relations with the committee during a
GRADUATION REQUIREMENTS

period of a year will be dropped, and will have his previous work re-evaluated in case of subsequent re-admission to work for a degree.

The major instructor will serve with the chairman for consideration of matters pertaining to the student’s work. A general program of study, arrived at in consultation with the major professor, must be filed with the chairman not later than the end of the second week of attendance at classes. Changes in this program are to be made only on approval of the major professor and the chairman of the committee. The student’s class schedule should in every instance be approved by both the major professor and the chairman of the committee.

A general outline and bibliography of the thesis must be presented to the chairman before November 15 of the academic year in which the student expects to receive the degree when the student is enrolled in the regular session or not later than completion of one-fourth of the necessary credits when the work is being done in summer or evening sessions. By March 31 of the year in which a student expects to receive the degree, when the student is enrolled in the regular sessions, and in other cases not later than three months before the Commencement at which the student expects to receive the degree, two copies of the thesis are to be filed with the chairman, who will forward them to the appointed readers. Two copies of the thesis, in approved form are to be filed on or before May 1 of the regular school year, or in any case not later than six weeks before the Commencement at which the student expects to receive the degree.

Not later than three weeks before Commencement the candidate must pass both written and oral examinations in the fields of his major and minor studies and on his thesis. These examinations are administered by the major department, and by the chairman of the graduate division, respectively. Students who wish to receive a degree must make written application for this examination at least one month before the degree is to be awarded.

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The modern tendency for the independent liberal arts college to pay attention to the vocational guidance of its students is recognized at the College of Puget Sound. The college desires to fit its students for useful pursuits and to qualify its graduates for personal success and direct usefulness in life.

It is recognized that the liberal arts college may extend the intellectual interests of the individual and at the same time point him toward a definite vocation. Courses given in the liberal arts college may be so organized as to fulfill both of these ideals.

Curricula can be followed in the departments of chemistry, geology, physics, art, or journalism, that will qualify a student for a definite type of work at the end of his college course. In addition, students of the college can choose their courses so as to qualify for teaching and administrative work in the public high schools, for registration as occupational therapists, for business administration, for playground work, for Christian Association work, for leadership in boys' and girls' organizations, as music teachers, musicians, directors of religious education, social workers, psychological examiners, for writing, the consular service, the civil service, and many other vocations.

**PRE-PROFESSIONAL PROGRAMS**

The College of Puget Sound affords an excellent opportunity to students who wish to prepare for admission to professional schools of dentistry, engineering, law, medicine, librarianship, nursing, physiotherapy, pharmacy, and theology. The following arrangements of courses will be found helpful to students who are expecting to take later training in a technical or professional school. Before a degree is granted, all the general and special requirements for graduation must be met by the student.

**PRE-DENTAL**

To give a basis for dentistry and at the same time a cultural foundation in liberal arts, the following subjects are recommended:

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SOPHOMORE YEAR</th>
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</thead>
<tbody>
<tr>
<td>SUBJECTS</td>
<td>SEMESTER</td>
</tr>
<tr>
<td>English 1, 2</td>
<td>1st</td>
</tr>
<tr>
<td>Biology 1, 2</td>
<td>2nd</td>
</tr>
<tr>
<td>Mathematics 3 or 11</td>
<td>1st</td>
</tr>
<tr>
<td>Physics 51</td>
<td>2nd</td>
</tr>
<tr>
<td>Chemistry 11, 12</td>
<td>1st</td>
</tr>
<tr>
<td>ROTC 1, 2</td>
<td>2nd</td>
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</table>
VOCATIONAL PREPARATION

PRE-ENGINEERING

The following studies are recommended for students who plan to transfer to engineering schools after one or two years:

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SEMESTER HOURS</th>
<th>SOPHOMORE YEAR</th>
<th>SEMESTER HOURS</th>
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<tbody>
<tr>
<td>SUBJECTS</td>
<td>1st</td>
<td>2nd</td>
<td>SUBJECTS</td>
</tr>
<tr>
<td>English 1, 2</td>
<td>3</td>
<td>3</td>
<td>Mathematics 51, 52</td>
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<tr>
<td>Chemistry 11, 12</td>
<td>5</td>
<td>5</td>
<td>Physics 51, 52</td>
</tr>
<tr>
<td>Mathematics 5, 6</td>
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<td>3</td>
<td>Mathematics 55, 56</td>
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<tr>
<td>Mathematics 11, 12</td>
<td>4</td>
<td>4</td>
<td>Elective</td>
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<tr>
<td>ROTC 1, 2</td>
<td>2</td>
<td>2</td>
<td>ROTC 51, 52</td>
</tr>
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</table>

Solid geometry (Mathematics 4) is required for entrance by all engineering schools. If not taken in high school, it should be taken in the freshman year in college.

Courses recommended for choice to complete the schedule in the sophomore year are Business Administration 61, 62, Business Law; Speech 1, Essentials of Public Speaking; and Biology 17, Hygiene.

For the completion of engineering training in the shortest time, students should take subjects listed above, and transfer to a professional school at the beginning of either the sophomore or the junior year, depending upon the extent of directly vocational courses prescribed in the engineering school which they wish to enter.

For a longer combined liberal arts and engineering course a student might introduce courses in languages, literature, social studies, or other liberal subjects in the first years and extend the suggested schedule, adding advanced courses in chemistry, physics, and mathematics.

PRE-LAW

All law schools require at least two years of college preparation, three years is the common requirement; and a full four-years' college course is strongly recommended.

The objectives in selection of courses, according to a statement of the American Bar Association, should be: 1) significant mastery of the English language and skill in written and oral expression; 2) habits of concentration and effective methods of study; 3) intensive work in a major subject for the purpose of developing intellectual discipline and experience; 4) avoidance of a specialized
COLLEGE OF PUGET SOUND

curriculum, but choice of a major in any subject in the liberal arts field in which the student is interested supplemented by a wide spread of other subjects.

The following studies are suggested for the first and second years; later the student might choose more freely.

**FRESHMAN YEAR**

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<tr>
<th>SUBJECTS</th>
<th>SEMESTER</th>
<th>HOURS</th>
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<tr>
<td></td>
<td>1st</td>
<td>2nd</td>
</tr>
<tr>
<td>English 1, 2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>History 11, 12</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Speech 1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>3 or 4</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Economics 1</td>
<td>2</td>
<td></td>
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<tr>
<td>Elective</td>
<td>2</td>
<td></td>
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<tr>
<td>ROTC 1, 2</td>
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**SOPHOMORE YEAR**

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<tr>
<th>SUBJECTS</th>
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<tr>
<td></td>
<td>1st</td>
<td>2nd</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3 or 4</td>
<td>3 or 4</td>
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<tr>
<td>Political Science 1, 2</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Philosophy 50 or 52</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History 54</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Business Administration 63</td>
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<tr>
<td>Sociology 51</td>
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</tr>
<tr>
<td>Philosophy 63, 64</td>
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<td>2</td>
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<tr>
<td>ROTC 51, 52</td>
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<td>2</td>
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While law schools do not prescribe preparatory courses in detail they do regard a broad view of the social sciences as essential background for law. The student should begin planning his courses in the sophomore year with a view to completing requirements for a bachelor's degree by the end of his senior year. Since legal practice is concerned with problems involving property, persons, and government, pre-law students may well be advised to major in economics, business administration, or political science. Minors should be chosen from courses in other social sciences and from tool courses such as English and speech.

**PRE-MEDICINE**

Most medical schools are requiring a bachelor's degree for entrance. The following four-year curriculum meets the requirements for graduation from the college and for entrance into most medical schools.

The majority of medical schools select applicants on the basis of medical aptitude test scores and the average grades of the pre-medical course. The medical aptitude test is given in the college each year under the direction of the Association of Medical Colleges.

**FRESHMAN YEAR**

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<tr>
<th>SUBJECTS</th>
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<tbody>
<tr>
<td></td>
<td>1st</td>
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<tr>
<td>English 1, 2</td>
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<tr>
<td>Biology 1, 2</td>
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<td>3</td>
</tr>
<tr>
<td>Chemistry 11, 12</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics 11, 12 or Mathematics 3 and Elective</td>
<td>4</td>
<td>4</td>
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<tr>
<td>ROTC 1, 2</td>
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**SOPHOMORE YEAR**

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<tr>
<th>SUBJECTS</th>
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<tbody>
<tr>
<td>Chemistry 51</td>
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<tr>
<td>French or German</td>
<td>3 or 4</td>
<td>3 or 4</td>
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<tr>
<td>Biology 81, 82</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Religion 1</td>
<td>3</td>
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<tr>
<td>Psychology 51</td>
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VOCATIONAL PREPARATION

JUNIOR YEAR

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<td>1st</td>
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<tr>
<td>Biology 151 or 163</td>
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<tr>
<td>Biology 113 or 148</td>
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<td>Chemistry 101, 102</td>
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<tr>
<td>Physics 51, 52</td>
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Senior Year

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<td>1st</td>
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<tr>
<td>Chemistry 151, 152</td>
<td>5</td>
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<tr>
<td>Elective</td>
<td>10</td>
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<tr>
<td>Biology 110</td>
<td>3</td>
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The student is advised to elect courses in such fields as literature, history, psychology, philosophy, sociology, and economics as a part of a well-rounded education.

PRE-NURSING

Although a number of schools of nursing do not require more than high school graduation for admission, all at least advise a year of college attendance, and preference is given to applicants who have had some college training. Graduates from schools of nursing who have in addition acceptable college credits receive preference for advancement to responsible positions, and a college degree has come to be a requirement for teaching and supervisory positions in schools of nursing or for civil service appointments.

Two curricula are offered by the College of Puget Sound for young women who wish to make nursing their profession. The first program is a one-year preliminary course, including subjects advised for admission to schools of nursing. After completion of this course and the three-year hospital course, a student will be allowed junior standing in the college toward the Bachelor of Science degree. Requirements may be completed according to Program II, or variation of this program will be arranged for the individual as is found necessary. In the second program, the student follows a three-year college curriculum leading to the degree of Bachelor of Science, then the hospital course meeting the Nurses' State Board requirements. Upon completion of the hospital program, the student receives both the academic degree and nurses' certificate.

PROGRAM I—ONE-YEAR PRELIMINARY COURSE

<table>
<thead>
<tr>
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<th>SUBJECTS</th>
<th>SEMESTER HOURS</th>
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<td>1st</td>
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<tr>
<td>English 1, 2</td>
<td>3</td>
<td>3</td>
<td>Sociology 51</td>
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<tr>
<td>Chemistry 11, 12</td>
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<td>Psychology 51</td>
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<td>Biology 1, 2</td>
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<td>Speech 1</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Physical Education 1, 2</td>
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[51]
## Freshman Year

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<tbody>
<tr>
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<tr>
<td>English 1, 2</td>
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</tr>
<tr>
<td>Chemistry 11, 12</td>
<td>5</td>
</tr>
<tr>
<td>Biology 1, 2</td>
<td>3</td>
</tr>
<tr>
<td>Sociology 51</td>
<td>5</td>
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<tr>
<td>Speech 1</td>
<td>3</td>
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<tr>
<td>Religion 1</td>
<td>3</td>
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<tr>
<td>Physical Education 1, 2</td>
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## Sophomore Year

<table>
<thead>
<tr>
<th>SUBJECTS</th>
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<tbody>
<tr>
<td>1st</td>
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</tr>
<tr>
<td>Biology 17, 52</td>
<td>2</td>
</tr>
<tr>
<td>Home Economics 51, 52</td>
<td>3</td>
</tr>
<tr>
<td>Biology 61, 62</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 51</td>
<td>3</td>
</tr>
<tr>
<td>Language</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Elective</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
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</table>

## Junior Year

<table>
<thead>
<tr>
<th>SUBJECTS</th>
<th>SEMESTER HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>2nd</td>
</tr>
<tr>
<td>Home Economics 101</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 151</td>
<td>3</td>
</tr>
<tr>
<td>Language</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>5 or 6</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Students who complete three years in the college and the course for a certificate at an accredited school of nursing may secure a bachelor's degree from the college on condition that the specific requirements for the degree have been met. The college years may be taken before, or partly before and after, the course in the school of nursing.

### Pre-Physical-Therapy

The following list of subjects to be taken by the students preparing for physical therapy is based on the requirements of the American Physical Therapy Association. It is recommended that students planning to enter this field consult with the Director of Occupational Therapy, who has a list of qualified schools of physical therapy with entrance requirements.

The following suggestions are offered to assist students in planning their educational programs. In general, the science requirements and subjects which the college student should take are as follows:

Required science subjects and suggested minimum credits:
- biology, zoology, 12 to 16 credits;
- physics, 6 to 8 credits;
- chemistry, 6 to 8 credits;
- general psychology, 6 to 8 credits.

Other subjects strongly advised:
- psychology (child);
- sociology;
- physical education (in addition to that usually required, group games, dancing, etc.);
- hygiene;
- speech.

### Pre-Theology

The American Association of Theological Schools suggests that the college work of students looking to the ministry should eventuate in at least three accomplishments.
VOCATIONAL PREPARATION

1. The pre-seminary student should master the tools of the educated man. Such mastery should include the ability to think clearly; and the ability to read at least one foreign language.

2. The college work of a pre-seminary student should result in an acquaintance with his world: the world of men and ideas as seen in English literature, philosophy, psychology and the social sciences; and the world of nature as seen through the natural sciences.

3. The college work of a pre-seminary student should result in a sense of achievement and mastery in one specific field.

Majors and minors may be chosen from the fields of literature, philosophy, history. A major in religion is not advised, although a minimum of eight to ten hours is recommended.

Students who expect to do graduate work in religious education should major in religion. Members of the staff of the department will gladly advise a desirable course for either pre-theology or pre-religious education.

TEACHER EDUCATION

The College of Puget Sound offers a curriculum which is approved by the Washington State Board of Education for the education of teachers, and which, when satisfactorily completed, qualifies the candidate for the general certificate valid for teaching in all grades from kindergarten through high school. In addition, courses leading to qualification for principals' credentials are regularly offered.

For additional information and specific requirements, see the Department of Education.

PUBLIC ADMINISTRATION

With approximately one out of every ten citizens of the United States engaged in public service on national, state and local levels of government, there is obvious need for well-rounded training in the fundamentals of public administration. For this purpose, the student is advised to include among his courses the following: Political Science 1, 2, 103, and 104 or 114; Economics 1, 101, 176; Business Administration 63, 64, 163; Sociology 51 or 52 and History 152. A seminar in one of the social sciences is recommended.
OCCUPATIONAL THERAPY AND REHABILITATION

Occupational Therapy as one form of rehabilitation, is prescribed treatment of the sick or injured by directed activities. It consists of remedial treatment by planned and supervised occupations such as the creative arts, recreational and educational activities, and pre-vocational training. Qualified professional workers are employed in general and orthopedic hospitals, tuberculosis sanatoria, psychiatric hospitals, children’s hospitals, community workshops and rehabilitation centers. It is also utilized as a part of the treatment program in hospitals of the Army and Veterans Administration.

A student desiring to enter this field should have academic and creative ability in the fields of science and art. Because this is a service profession, it is necessary to have good health, a humanitarian point of view and a well-adjusted personality. It is highly desirable that a candidate for the course have a personal interview with the head of the department, or, if this is not possible, an interview with a qualified occupational therapist in his own community or vicinity. It is within the province of the Director of Occupational Therapy to close the course to any student deemed unsuited for the profession.

All students in the department will, at the end of the sophomore year in the degree course or at the end of the first year in the certificate course, take aptitude performance tests from a clinical psychologist to help in evaluation of their capabilities and improvement of the selection of students for the profession of Occupational Therapy.

The following programs are offered. The first is the five-year degree course. The degree of Bachelor of Science in Occupational Therapy is given at the end of the senior year and is followed by the required minimum of twelve months clinical affiliation. Following the successful completion of the hospital experience, a student must take a national examination, required and proctored by the American Occupational Therapy Association, which leads to registration and qualifications for the field of occupational therapy.

The second course is the program leading to a certificate of occupational therapy only. This is a three-year course, inclusive of the minimum twelve months clinical affiliation. The course is restricted to students selected for special academic qualifications and experience.
VOCATIONAL PREPARATION

The third course is one open only to graduates of institutions of higher learning or of nursing or physical therapy schools. This advanced-standing course covers one year of academic work and is also followed by a twelve-months hospital-internship.

Students who enter the degree or certificate course must serve three months of hospital internship between the two final years. It will be in a psychiatric hospital.

The college reserves the right to make changes for the improvement of the curriculum when it considers that advisable. It adheres to the suggested changes of the education committee of the American Occupational Therapy Association.

Fees for students in occupational therapy are the same as for those in other curricula during the freshman and sophomore years. In the junior and senior years of the degree program, however, and in the certificate program, a charge of $25.00 per semester is added as a professional fee to cover costs of the clinical year. A fee of the same total amount is charged in the academic year of the advanced standing program.

The following is an outline suggested for those entering any one of the three courses. It is required that all students who apply for any one of these courses have an interview with the Director of the Occupational Therapy Department before registering.

FIVE-YEAR DEGREE-CURRICULUM

A student working for the degree of Bachelor of Science in Occupational Therapy will have his major in occupational therapy and will take a minimum of fifteen hours of psychology as a minor. An additional minor in music may be arranged through consultation with the music department. This may be secured by reducing the number of hours in creative and manual arts and substituting the required music courses. For such a minor, the following courses must be taken in the occupational therapy department: O.T. 41, 42, 75, 77, 90, 137 and Art 53. This is in addition to the regular required subjects in science and theory.
COLLEGE OF PUGET SOUND

PROGRAMS IN OCCUPATIONAL THERAPY

I. Bachelor of Science in Occupational Therapy with major in Occupational Therapy and minor in Psychology:
   Art 1, 2, 57.
   Biology 1, 2, 61, 62.
   Home Economics 142.
   O. T. Skills: 41, 42, 75, 77, 90, 137.
   Physics 11, 12.
   Philosophy 50.
   Psychology 51, 94, 151, 127, 138.
   Sociology 6.
   Electives.

II. Bachelor of Science in Occupational Therapy with major in Occupational Therapy and minor in Music Education:
   Art 1, 2.
   Biology 1, 2, 61, 62.
   Home Economics 142.
   O. T. Skills: 41, 42, 75, 77, 90, 137.
   Physics 11, 12.
   Psychology 51, 94, 151.
   Music 170.
   Applied Music electives.
   Music Theory 1, 2.
   Music Education 199 a, d, e.
   Sociology 6.
   Electives.

III. Bachelor of Science in Occupational Therapy with major in Occupational Therapy and minor in Recreation:
   Art 1, 2, 57.
   Biology 1, 2, 61, 62.
   Home Economics 142.
   O. T. Skills: 41, 42, 75, 77, 90, 137.
   Physics 11, 12.
   Physical Education 1, 2, 5, 9, 11, 12, 14, 21, 33, 35, 37, 68, 114, 137.
   Recreation 43, 46, 143, 145.
   Psychology 51, 94, 151.
   Sociology 6.
   Electives.
VOCATIONAL PREPARATION

IV. Bachelor of Science in Occupational Therapy, with a double major: (a) in Occupational Therapy; (b) in Manual Arts

With the needed emphasis in the manual arts field of education for the occupational therapist, it is possible for students interested in such a program to arrange an additional Manual Arts major, upon consultation with the Director of the Department.

V. Certificate in Occupational Therapy—Three-Year Course:
   Biology 1, 2, 61-62.
   Home Economics 142.
   O. T. Skills: 41, 42, 75, 77, 90, 137.
   O. T. Theory: 49, 50, 100, 149, 150, 159, 160.
   Psychology 51, 151.
   Electives.

VI. Certificate in Occupational Therapy—Advanced Standing Course:
   Biology 61, 62.
   O. T. Skills: 41, 42, 75, 77, 90, 137.
   O. T. Theory: 49, 50, 100, 149, 150, 159, 160.
   Electives.

All courses in Occupational Therapy will be followed by a twelve-months affiliation in hospital training. Students in the degree courses will take three months in the field of psychiatry between the junior and the senior year. For those students who show particular ability and aptitudes at the end of their sophomore year, clinical training may be arranged for a select few.

MEDICAL TECHNOLOGY

A curriculum for preparation of laboratory technicians to serve in hospitals, federal, state and municipal health departments, and physicians' offices, is offered by the College of Puget Sound in affiliation with the Tacoma General Hospital. The course calls for two or three years of study in the basic sciences and the liberal arts on the college campus and twelve months of full-time work, consisting of instruction and practical experience, in the hospital laboratory. Not more than seven students annually will be accepted in the Tacoma General Hospital.
A minimum of two years work (sixty semester hours of academic credit) in the college is required for admission to the hospital training. This must include not less than twelve semester hours of biology of which at least four are in zoology. The remainder may be chosen from anatomy, physiology, bacteriology, histology and embryology with bacteriology a highly recommended choice. Other requirements are general inorganic chemistry, not less than eight semester hours, and quantitative analysis, not less than four semester hours. Electives highly recommended are physics, organic chemistry, and bio-chemistry.

A third year may be taken on the college campus either before or after the laboratory year, preferably before. In either case a student can qualify at the end of four years for the degree of Bachelor of Science in Medical Technology. Candidates for the degree must meet the general college requirements insofar as they are not covered by the requirements listed above. At the end of the hospital period, after either three or four years a student is qualified to take the National Registry Examination of the American Society of Clinical Pathologists.
EXPENSES AND FEES

TUITION and other college fees are due and payable in full for a semester at the time of registration. A charge of $3.00 is made against all bills after the last day of the registration period. Refunds of fees in case of withdrawal are allowed subject to the conditions and schedule published below.

On application prior to registration it is possible to arrange for deferred payment of a part of the college fees. The application should be made to the bursar on a form which he will provide. In no case may a student be admitted to semester final examinations until all obligations to the college have been met in full previous to the date on which such examinations begin.

A degree, diploma, transcript of credits, or honorable dismissal will not be granted while a student is in default on bills incurred as a student at the college.

ESTIMATED EXPENSES

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

Food $40.00 to $55.00 per month $360.00 $495.00
Room $10.00 to $30.00 per month 90.00 270.00
Tuition Fees $200.00 per semester 400.00 400.00
Associated Student Fee, $12.50 per semester 25.00 25.00
Books 25.00 40.00
Miscellaneous items of expense 65.00 95.00

$965.00 $1325.00

These totals do not include clothing, travel, or expenses for the summer vacation. The college bills will amount to somewhat more than the sum specified, if the student elects courses for which special fees are charged. General expenses will, of course, vary with the tastes and habits of different students.

SCHEDULE OF FEES

TUITION AND INCIDENTAL FEES PER SEMESTER
Full-time enrollment, 12 to 16 hours $200.00
Per semester-hour, under twelve or over sixteen, in regular session 17.00
Audit of class instruction, per hour 8.50
Evening Classes, per semester-hour 14.00
### COLLEGE OF PUGET SOUND

#### SUNDARY FEES

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<th>Item</th>
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<tr>
<td>Associated Student fees, per semester</td>
<td>$12.50</td>
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<td>(Required of each student taking 8 hours or more)</td>
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<tr>
<td>Occupational Therapy—Junior and Senior years, per semester</td>
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<td>Deferred Payments Fee</td>
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<td>Change of registration</td>
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<td>Diploma</td>
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<td>Special examination fee</td>
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<td>Late registration fee</td>
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<td>Fee for additional transcripts, each</td>
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<td>Special Fees for off-campus Physical Education activities:</td>
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<td>Bowling, per semester</td>
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<td>Golf, per semester</td>
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<tr>
<td>Riding, per semester</td>
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<tr>
<td>Skating, per semester</td>
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<td>Skiing, P.E. 68, per semester</td>
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<td>Swimming, per semester</td>
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<td>Breakage ticket for each chemistry student</td>
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<td>Materials ticket for Occupational Therapy, Ceramics, Sculpture, Jewelry and Puppetry</td>
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<td>Materials ticket for Art Courses 64, 107, 108, 139, 152, 161, 162</td>
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<td>Typing, per semester</td>
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<td>Todd Hall Fund</td>
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<td>Vocational Counsel and Testing (Subject to change)</td>
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<td>Single Aptitude Test</td>
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<td>Teacher’s Placement Bureau, first position, per year</td>
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<td>subsequent positions, per year</td>
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<td>Senior Examinations</td>
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<td>ROTC Deposit</td>
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<td>Student Teachers’ Service Fee</td>
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</table>

#### MUSIC

Rates are for private lessons of one-half hour.

- **Voice—Prof. Keutzer** per lesson $3.00 per semester $48.00
- **Other instructors** per lesson 2.25 per semester 36.00
- **Piano—Prof. Jacobsen** per lesson 2.50 per semester 40.00
- **Other instructors** per lesson 2.25 per semester 36.00
- **Organ—Prof. Cowell** per lesson 2.25 per semester 36.00
- **Other instruments** per lesson 2.25 per semester 36.00
SCHEDULE OF FEES

Practice Fees:
Modern three-manual organ in Jones Hall, 5 periods a week, 25 cents per hour, or per semester 20.00
Two-manual practice organ in the chapel, 5 periods a week, 10 cents per hour, per semester 8.00
A combination of 4 periods on the practice organ per week and 1 period on the auditorium organ per week is available, per semester 10.00
Practice rooms for 2, 3, 4 hrs. per week, per semester 2.50
Practice rooms for 5 to 9 hrs. per week, per semester 5.00
Practice rooms for 10 to 12 hrs. per week, per semester 7.00

RATES FOR RESIDENCE HALLS
Board, per semester (6 days excluding Sunday) $150.00
Board, per semester (5 days, Monday through Friday lunch) 118.00
(Subject to change if found necessary).
Room, except as below 65.00
Single room, per semester 80.00
Dormitory, in basement of Anderson Hall, per semester 40.00
Deposit on key to dormitory room (refundable) 1.00
Dormitory Damage Deposit (refundable) 10.00

An advance payment of $25.00 is required with application for a room in the Residence Halls. This deposit will not be refunded for cancellations later than July 31.

All Residence Halls will be closed to students, without exception, during both the Christmas and the Spring vacation periods.

FEES FOR MASTERS DEGREES

In addition to the regular college fees, graduate students will pay the fees from the following list applicable to their requirements:

Graduate fee @ $1.00 per hour $30.00 to $36.00
Final Examination fee 10.00
Binding Thesis fee 5.00
Diploma fee 7.50
Research expense not to exceed 35.00
Typing charge for final preparation Master’s Thesis, 25¢ per page and not to exceed 45.00

Candidates for the master’s degree are required to register each semester until the degree is granted. This need not be for any addi-
COLLEGE OF PUGET SOUND

Credit-hours, if residence requirements have been met and
thesis hours have been previously registered; and in these cases
no fee is charged for the registration.

REFUNDS

Fees are not returnable except when withdrawal from the
college is caused by sickness or causes entirely beyond the control
of the student. In no case will the Associated Student fee be re-

funded.

Refunds of total semester fees less Associated Student Fee, shall
be in the following proportions, based upon the period of the

student's actual attendance from the date of enrollment:

One Week or less .................................. 80%
Between one and two weeks ..................... 80%
Between two and three weeks ................... 60%
Between three and four weeks .................. 40%
Between four and five weeks ................... 20%
After the fifth week no refund will be allowed.
C. P. S. STUDENTS FROM OTHER COUNTRIES VISIT THE GOVERNOR OF WASHINGTON

THE FIELD HOUSE
COURSES OF INSTRUCTION

GENERAL PROVISIONS

COURSES in the different subjects of instruction are described in the following pages. Subjects are listed in alphabetical order.

The following information about courses should be noted.

1. The college reserves the right to withdraw any course when the enrollment does not justify its continuation. In general, classes will not be held for less than ten students. This minimum may not be insisted upon in the case of advanced courses which are indispensable for the completion of a program of study; but an enrollment of more than ten may be required for a class in a course which is frequently given or of which there are other sections.

2. The numbering of courses is according to the following plan:

Courses numbered from 1 to 99 are lower-level courses, elementary or general in character. Those numbered from 1 to 49 are chiefly first-year subjects; those numbered from 50 to 99, second-year subjects.

Courses numbered from 100 to 199 are advanced or specialized courses which are open to juniors, seniors, or graduates who have had proper basic courses in the field. Courses commonly taken in the third year are given a number between 100 and 149; and courses usually not taken until the fourth year, between 150 and 199; but not all courses in these ranges are limited to those years.

The numbers 1, 2, 51, 52, 101, 102, and 151, 152 in general designate the standard courses in the subject on the four different year levels.

Courses numbered 200 and upward are planned for advanced students in a subject and for graduates.

Odd numbers indicate courses that are given in the first semester; even numbers, ones given in the second semester. Some courses listed as first, or second, semester, are repeated in the other semester's schedule.

Consecutive numbers separated by a comma (as 21, 22) indicate a course which continues through the year.
3. The hours at which courses will be given will be announced in a time schedule issued before the beginning of the year.

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

AIR SCIENCE & TRACTICS
(Air Force ROTC)

LT. COL. NEWMAN; MAJORS JAMES, OWENS; CAPTAINS PACK, SCHRIEBER; MASTER SERGEANTS BAKER, DAWKINS, FENWICK, GRAMMER, WILSON; TECHNICAL SERGEANT HUMFLEET.

The Department of Air Science and Tactics was authorized and officially organized on July 1, 1951, at the College of Puget Sound.

The curriculum offered by this department is divided into two phases: basic and advanced courses. The basic course consists of formal instruction for three hours per week for two academic years. Participation in this course is required on the part of all qualified male students (See section on Military Training Requirements under Graduation Requirements).

The advanced course consists of formal instruction for five hours per week for two academic years, plus a summer camp of six weeks duration which is normally attended between the first and second years of the advanced course.

Students for the advanced course are chosen from among the highest-qualified students who have successfully completed the basic course or have equivalent military training or service.

The advanced-course student is paid a monetary allowance during the two academic years of attendance. While attending the summer camp each student receives pay, and he is furnished travel to and from camp, subsistence, housing, uniforms and medical attention at government expense. Emoluments are in addition to benefits received by veterans through the G. I. Bill of Rights.

Upon graduation from the advanced course and the college, the student receives a commission as a Second Lieutenant, United States Air Force Reserve.

All Air Force ROTC students, in both basic and advanced courses, are furnished complete officer-type Air Force blue uniforms. Each student is required to make a $25.00 uniform deposit
to the bursar at registration. This deposit is returned to the student upon return of the uniform and equipment to the college.

The Department of Air Science and Tactics furnishes all necessary textbooks for class room use.

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

**FIRST YEAR**

1, 2. **AIR SCIENCE I—BASIC.**

_Credit, 2 semester hours each semester._

World political geography; relationships of economy, resources, technology, strategy, international relations and tactics; leadership, drill and exercise of command. James, Fenwick.

**SECOND YEAR**

51, 52. **AIR SCIENCE II—BASIC.**

_Credit, 2 semester hours each semester._

Aerodynamics and propulsion; weather and navigation; applied air power; maps and aerial photographs; organization for defense; leadership, drill and exercise of command. Schrieber.

**THIRD YEAR**

101, 102. **AIR SCIENCE III—ADVANCED (ADMINISTRATION AND LOGISTICS).**

_Credit, 3 semester hours each semester._

Air operations; administration (individual records, non-appropriated funds); transportation; Air Force Supply; leadership, drill and exercise of command (voice of command, psychology of leadership, field laboratory for leadership). Pack, Dawkins, Wilson, Grammer.

111, 112. **AIR SCIENCE III—ADVANCED (FLIGHT OPERATIONS).**

_Credit, 3 semester hours each semester._

Military publications; Air Force supply procedures; major commands; principles of flight; instruments; aircraft maintenance; air navigation; meteorology; leadership, drill and exercise of command (psychology of leadership, voice and command, field laboratory in leadership). Owens, Baker.

**FOURTH YEAR**

151, 152. **AIR SCIENCE IV—ADVANCED (ADMINISTRATION AND LOGISTICS).**

_Credit, 3 semester hours each semester._

Air Force administration; military teaching methods; management;
COLLEGE OF PUGET SOUND

inspection systems; food service; staff functions; personnel administration; comptroller; military law and boards; voice and command; field laboratory for leadership. Pack, Dawkins, Wilson, Grammer.

161, 162. AIR SCIENCE IV—ADVANCED (FLIGHT OPERATIONS).
Credit, 3 semester hours each semester.
Air Force administration; military teaching methods; management; inspection systems; military law and boards; navigation and bombing; radar; voice and command; field laboratory for leadership. Owens, Baker.

ART
Professors WENTWORTH, WALTER; MISS CHUBB, MR. HAINES.

For a general minor in art the following courses are required: Courses 1, 2, 51, 52, 77, 124. Special minors in art may be arranged with the approval of the art staff.

The following curricula are offered to fulfill the minimum art requirements for the Bachelor of Arts degree with a major in art:

I. MAJOR IN DRAWING AND PAINTING
Art courses 1, 2, 51, 52, 53, 54, 55, 56, 77, 124, 152, 157, 158, and 198.

II. MAJOR IN ADVERTISING DESIGN
Art course 1, 2, 51, 52, 53, 54, 55, 63, 64, 77, 124, 147, 148, 162, and 198.

III. MAJOR IN INTERIOR DESIGN
Art courses 1, 2, 51, 52, 54, 77, 107, 111, 112, 114, 126, 152, 198, and 147 or Home Economics 152.

IV. MAJOR IN CERAMICS
Art courses 1, 2, 51, 52, 54, 55, 57, 58, 77, 125, 152, 153, 154, and 198.

V. MAJOR IN SCULPTURE
Art courses 1, 2, 51, 52, 53, 55, 56, 57, 77, 125, 147, 152, 155, 156, and 198.

VI. MAJOR IN ART HISTORY
Art courses 77, 111, 112, 124, 125, 126, 198; History courses 1, 2; Music courses 3, 4; and six additional hours of art.

VII. MAJOR IN ART EDUCATION
Art courses 1, 2, 51, 52, 53, 54, 55, 57, 77, 107, 124, 139, 152, 198, 199; and Dramatic Art 54.

During the senior year each art major will prepare and present a repre-
sentative exhibition of his work under the direction of the art faculty. See course 198.

The Art Department reserves the right to retain student work for a period of one year to be used for exhibit purposes.

The prerequisites for particular courses are stated for art majors and minors and are expected in most cases for other students.

1, 2. ART STRUCTURE.
Credit, 3 semester hours each semester. Course 1, prerequisite for Course 2.

An approach to design and drawing in two and three dimensional problems, stressing principles of composition, color, perspective, and techniques as a basis of art understanding. Staff.

51, 52. SKETCHING AND DRAWING.
Credit, 2 semester hours each semester. Prerequisite, Course 2.

A basic course of figure, landscape and object drawing in various media. Staff.

53. BEGINNING PAINTING.
Credit, 3 semester hours each semester. Prerequisite, Course 52.

Development of techniques of painting in various media. Staff.

54. DRAWING AND PAINTING.
Credit, 3 semester hours. Prerequisite, Course 52.

Watercolor painting. Staff.

55, 56. BEGINNING SCULPTURE.
Credit, 3 semester hours each semester. Course 55, prerequisite for Course 56.

Fundamentals of sculptural composition and design. Study of form in wood, clay and plaster. Staff.

57, 58. BEGINNING CERAMICS.
Credit, 3 semester hours each semester. Prerequisite, Course 51. Course 57, prerequisite for Course 58.


62. FASHION DESIGN AND ILLUSTRATION.
Credit, 2 semester hours. Prerequisite, Course 2. Offered in alternate years. Given in 1953-54.

Study of art principles as applied to fashion design and selection. Study
of period and national costume as a source of influence for contemporary design. Study of fashion illustration; techniques in rendering designs. Creative designing for commercial field and for the theater. Walter.

63, 64. ADVERTISING DESIGN.
Credit, 2 semester hours each semester. Course 2 prerequisite for Course 63, and Course 63 for Course 64.
In the first semester, the study of lettering styles and layout; in the second, advertising design, processes, and general requirements of advertising. Wentworth, Staff.

77. UNDERSTANDING THE ARTS.
Credit, 3 semester hours. Offered each semester.
A course designed to bring an increased enjoyment and understanding of the arts of today through lectures, slides, field trips, films, and discussions. Contemporary trends in painting, architecture, and sculpture will be stressed, with an attempt being made to answer the most commonly asked questions of "what" and "why". Chubb.

107, 108. TEXTILE DESIGN.
Credit, 3 semester hours each semester. Prerequisite, Course 2.
Application of creative designs to fabrics through processes of batik, tie-dye, stenciling, block printing, and silkscreening. Wentworth.

111. ESSENTIALS OF INTERIOR DESIGN.
Credit, 3 semester hours. Prerequisite, Course 2.
General survey of the subject, including the relation of the house to the occupant; interior architecture, backgrounds, furniture arrangements, color, etc. Schroeder.

112. HISTORY OF FURNITURE.
Credit, 2 semester hours. Offered in alternate years. Given in 1953-54.
The history and development of furniture styles, their backgrounds and use in contemporary living. Chubb.

114. INTERIOR DESIGN (ADVANCED).
Credit, 3 semester hours. Prerequisite, Courses 2 and 111.
Application of principles of interior design in planning a practical contemporary home. Techniques in layout and rendering as essential in the field of interior decoration. Schroeder.

124. HISTORY OF PAINTING.
Credit, 3 semester hours.
A survey course covering the main periods of painting from prehistoric times to the present. Emphasis placed upon relationship between artistic expression and general culture of the various eras. Chubb.
COURSES OF INSTRUCTION

125. HISTORY OF SCULPTURE AND THE MINOR ARTS.
   Credit, 3 semester hours.
   A study of the major historic developments in sculpture, ceramics, metalwork, textiles, etc.
   Chubb.

126. HISTORY OF ARCHITECTURE.
   Credit, 3 semester hours.
   A survey of the major developments in architecture from earliest times to the present.
   Chubb.

139. JEWELRY.
   Credit, 2 semester hours. Prerequisite, Course 2.
   Design and construction of modern jewelry.
   Walter.

147, 148. STRUCTURAL DESIGN.
   Credit, 2 semester hours each semester. Prerequisite, Course 2.
   Study of the function of materials in design. Design and research in wood, plywood, plastics, metal, paper, glass in three dimensions.
   Schroeder.

152. GRAPHIC ARTS.
   Credit, 3 semester hours. Prerequisite, Course 52.
   Print making including the processes of serigraphy, block printing, etching, and lithography.
   Wentworth, Staff.

153, 154. ADVANCED CERAMICS.
   Credit, 3 semester hours each semester. Prerequisite, Course 54.
   Course 153, prerequisite for Course 154.
   Theory and experimentation in clay bodies and clays, advanced decorative techniques, and throwing.
   Haines, Staff.

155, 156. ADVANCED SCULPTURE.
   Credit, 3 semester hours each semester. Prerequisite, Course 56.
   Course 155, prerequisite for Course 156.
   Staff.

157. ADVANCED PAINTING.
   Credit, 3 semester hours. Prerequisite, Courses 51, 52, 53, 54.
   Figure painting and portraiture in various media.
   Staff.

158. MURAL PAINTING.
   Credit, 2 semester hours. Prerequisite, Course 157. Offered in alternate years. Given in 1953-54.
   The planning and execution of murals in appropriate media.
   Staff.
161. ART IN THE PUBLIC SCHOOLS.
Credit, 2 semester hours. Prerequisite, Courses 1 and 77.
Problems and techniques of teaching art in the public schools. Wentworth, Staff.

162. ADVANCED ADVERTISING DESIGN.
Credit, 2 semester hours. Prerequisite, Course 64. Offered in alternate years. Given in 1953-54.
Creative projects applied to actual advertising assignments. Wentworth.

198. INDEPENDENT STUDY.
Credit, 1 semester hour.
Creative work in major field. Staff.

199. TEACHING OF PUBLIC SCHOOL ART.
Credit, 2 semester hours; credit applied in education, not in art. Prerequisite, art major or minor and Education 155; see Education 199.
Problems and techniques of art teaching in the secondary schools. Staff.

203, 204. SEMINAR.
Credit and time to be arranged. Open to advanced students.
Special study in selected fields. Staff.

ASTRONOMY
Professor Seward

1, 2. ASTRONOMY AND RELATED SCIENCES.
Credit, 4 semester hours each semester. Offered in alternate years. Given in 1952-53.
An elementary course designed to give the student a conception of the solar system and the stellar universe together with an appreciation of the basic scientific principles involved in securing the information. Seward.

BIOLOGY
Professor Alcorn; Miss Van Gilder, Mr. Walker.

Courses suggested in a major are:
1, 2, 61 and 62, or 81 and 82, 110, 148, 151 or 163.

†Students who have had one year of college physics may take this course for 3 semester hours credit each semester without laboratory.
COURSES OF INSTRUCTION

Suggested minors are:
1. Courses 1, 2, and at least 9 hours from the following: 17, 52, 58, 61, 62, 84, 148—For students majoring in home economics;
2. Courses 15, 16, 56, 58, 84, and 113—In Botany;
3. Courses 1, 2, 17, 61, 62, 52 or 148—For students majoring in physical education;
4. Courses 1, 2, 52, 113, 148, and 164—For students majoring in sociology;
5. Courses 1, 2, 17, 52, 148, 164—For general education.

1, 2. GENERAL BIOLOGY.
Credit, 3 semester hours each semester.
This course is devoted to the study of the general laws of life, the fundamental relationships of living things, and those general biological problems which are related to human culture and progress. Alcorn, Walker.

15. GENERAL ELEMENTARY BOTANY.
Credit, 3 semester hours.
Walker.

16. THE LIFE HISTORIES OF SELECTED TYPES OF PLANTS.
Credit, 3 semester hours.
A general survey of the plant kingdom is obtained by a study of selected types from its several subdivisions. Walker.

17. HYGIENE.
Credit, 2 semester hours.
A study of the laws of health, designed particularly for students of biology and those who intend to enter nursing or medicine or to teach health or physical education. Walker.

34. MICROBIOLOGY.
Credit, 3 semester hours.
A course in bacteriology planned particularly for students preparing to be nurses. Van Gilder.

52. SANITATION.
Credit, 3 semester hours. Offered in alternate years. Given in 1592-53.
Van Gilder.

53. ANATOMY AND PHYSIOLOGY (Nurses Training Course).
Credit, 6 semester hours.
Alcorn. Van Gilder.
56. Economic Botany.
Credit, 2 semester hours. Alcorn.

58. Ecology, Systematic Botany, Plant Geography.
Credit, 3 semester hours. Alcorn.

61. Anatomy.
Credit, 3 semester hours. Prerequisite, Biology 1, 2.
Human anatomy. Van Gilder.

62. Physiology.
Credit, 3 semester hours. Prerequisite, Biology 61.

72. Biology of Birds.
Credit, 3 semester hours. Given as there is demand. Alcorn.

81, 82. Comparative Anatomy of Vertebrates.
Credit, 3 semester hours each semester. Prerequisite, Course 2.
Walker.

84. Bacteriology.
Credit, 4 semester hours. Prerequisite, Biology 2 or 16.
Van Gilder.

106. Field Biology.
Credit, 2 semester hours. Staff.

107, 108. Kinesiology.
See Physical Education 107, 108.

110. Natural History of Invertebrates.
Credit, 3 semester hours. Walker.

113. Genetics.
Credit, 3 semester hours. Alcorn.

147. Museum Technique in Biology.
Credit, 2 semester hours.
Preparation and care of museum material. Alcorn, Walker.

148. Eugenics.
Credit, 3 semester hours.
Laws of heredity and racial progress. Alcorn.

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COURSES OF INSTRUCTION

151. HISTOLOGY AND MICROSCOPIC TECHNIQUE.
    Credit, 4 semester hours. Offered in alternate years. Given in 1953-54.
    Microscopic structure of tissues of animals, chiefly mammals. Alcorn.

163. EMBRYOLOGY OF VERTEBRATES.
    Credit, 4 semester hours. Offered in alternate years. Given in 1952-53.
    Walker.

164. ANTHROPOLOGY.
    Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
    Alcorn.

199. THE TEACHING OF BIOLOGY.
    Credit, 2 semester hours. Prerequisite, Education 155; see Education 199.
    A course for those expecting to teach biology. Methods of presenting subject; laboratory organization and management; methods of collecting, preserving and preparing materials. Alcorn.

204. SEMINAR.
    Credit, 2 semester hours. Given as there is demand. Alcorn.

205, 206. RESEARCH.
    Credits and hours to be arranged. Alcorn.

250. THESIS.
    Credit, 4 to 6 semester hours.

BUSINESS ADMINISTRATION

Professors Battin, Capen, Gross, Jamieson, Gee. Dr. Paul Fossum, Mr. Murtland, Mrs. Gross, Mr. Guilford; Mr. Comfort.

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

Economics 1 is prerequisite to all courses in business administration other than B. A. 3, 4, 21T, 22T, 21S, and 22S, except by permission of the head of the department.

A major in business administration, to qualify for the degree of Bachelor of Arts in Business Administration, should include
COLLEGE OF PUGET SOUND

Courses 3, 4 or 16, 31 or an equivalent approved by the chairman of the department, 61, 62, 63, 64, 101 and fifteen additional upper-level hours. Courses 163 and 173 are recommended. Credit for Economics 1 and 192 should also be presented for graduation.

A minor in business administration should include B. A. 3 or 4, 63, 64, 101, and three additional hours. Economics 1 must also be taken.

Students who major in geology may satisfy requirements for a minor in business administration by taking Economics 1, B. A. 63, and nine additional hours from Courses B. A. 61 or 62, 101, 163, 214, Economics 176, and 192.

Students who major in home economics may satisfy requirements for a minor in business administration by taking Economics 1, B. A. 4, 63, 112, and three additional hours.

Students who major in home economics may satisfy requirements for a minor in business administration by taking Economics 1, B. A. 4, 63, 112, and three additional hours.

Students who major in geology may satisfy requirements for a minor in business administration by taking Economics 1, B. A. 3 or 4, 63, 64, 101, and three additional hours. Economics 1 must also be taken.

I. COMMERCIAL TEACHER TRAINING

This curriculum is designed to qualify students as teachers of commercial subjects in either junior or senior high schools. In addition to the courses in Education required to qualify for the state teachers' certificate (see pages 84-88) credit for the following courses in Business administration or their equivalent should be presented: Econ. 1, B.A. 3, 21T, 22T, 21S, 22S, 61, 63, 64, 101 or equivalent, 114, 115, 116, 142 or 112, 199 and Econ. 192.

II. SECRETARIAL TRAINING

This curriculum is designed to qualify students to fill high-ranking secretarial positions, of which there is an increasing number. In addition to strictly secretarial courses the student should take some work in personnel, speech, economics and English. The following courses, which will be accepted as a major in business administration, are minimum requirements for a trained secretary: Econ. 1, B.A. 4 or 16, 21T, 22T, 21S, 22S, 31, or equivalent, 61, 63, 64, 101, 114, 115, 116, 142 or 112, 199 and Econ. 192.

21T, 22T. TYPING (BEGINNING AND ADVANCED).

Credit, 2 semester hours each semester. (Class, 5 days a week.)

Gross.
COURSES OF INSTRUCTION

21S, 22S. SHORTHAND (BEGINNING, AND ADVANCED).
Credit, 3 semester hours each semester. (Class, 5 days a week.)

115, 116. SECRETARIAL OFFICE TRAINING.
Credit, 3 semester hours each semester. One period daily.
General office practice and procedures.

III. IN-SERVICE TRAINING IN RETAILING.
This curriculum is designed to meet the needs of two groups of students: one, those who plan to make retailing a profession; and, two, those who plan to qualify as teachers of distributive education in high schools under provisions of the George Dean Act. Both groups are advised to major in business administration and minor in either art or home economics (textiles), or both.

Students who take in-service training in retailing may satisfy requirements for a major in business administration by taking Econ. 1, B.A. 4, 61, 63, 101, 112, 114 or 142, 125, 126, 127, 128, 214, and Economics 192. A minor in art may be satisfied by Art. 1, 2, 111, 112, 125, 126.

IV. BUSINESS ADMINISTRATION
This curriculum is designed to meet the needs of those who want to gain a comprehensive picture of our economy at work, as well as those who plan to qualify for careers in some phase of industry or commerce.

Students who complete the available courses in accounting together with related courses should be qualified to assume any accounting position in ordinary business enterprises. Superior students who plan to enter public accounting are advised to take the regular C.P.A. examinations upon completion of the available courses.

3. ECONOMIC GEOGRAPHY.
Credit, 3 semester hours.
Survey of world resources and the geographical factors affecting their production and distribution. Staff.

4. PRINCIPLES OF MARKETING.
Credit, 3 semester hours.
Methods used in marketing, principal types of goods, middlemen, price policies, marketing costs, government regulations. Staff.

16. MATHEMATICS OF FINANCE.
See Mathematics 16.
31. BUSINESS AND PROFESSIONAL RHETORIC.

*Credit, 3 semester hours.*

A course designed to give intensive practice in conferences, interviews, and specialized types of business, professional and political oral communication. Two recitations and one laboratory period each week. Battin.

61, 62. BUSINESS LAW.

*Credit, 3 semester hours each semester.* Murtland, Jamieson.

63, 64. ACCOUNTING.

*Credit, 3 semester hours each semester. Course 63 or an equivalent is a prerequisite for Course 64.*

The balance sheet approach is used with the result that students who have had bookkeeping in high school will have no advantage over students who have had no bookkeeping. Course 63 is concerned with the functions of accounts, balance sheets, profit and loss statements, books of original entry, business forms and papers. Course 64 deals with classification of accounts, partnership and corporation accounts, controlling accounts and subsidiary ledgers. Gee.

101. STATISTICS.

*Credit, 3 semester hours.*

A first course in statistics, providing instruction and training in mathematical methods of dealing with economical, educational, and social data. Capen.

110. SOCIAL ETHICS.

See Philosophy 110.

111. CORPORATION FINANCE.

*Credit, 3 semester hours.*

Manager's administration of finance; methods of raising fixed and working capital. Guilford.

112. INTRODUCTION TO ADVERTISING.

*Credit, 3 semester hours.*

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

114. BUSINESS CORRESPONDENCE.

*Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.*

Significance, form, and content of general and special correspondence, such as inquiries, adjustments, collections, sales, and special reports. Capen.
COURSES OF INSTRUCTION

125, 126. PRINCIPLES OF RETAILING (IN-SERVICE TRAINING).
Credit, 3 semester hours each semester. Prerequisite, consent of the instructor.
Two class sessions each week will yield 2 hours' credit. Laboratory, 1 hour credit, will involve, first, actual work of eight to twenty hours per week in local stores under supervision of the instructor, and, second, written reports and tests on the work-experience. Actual store-work will be paid for by the stores. Work-assignments will be made after consultation between the instructor, the student and the store manager. Capen.

127, 128. STORE ANALYSIS.
Credit, 1 semester hour each semester.
This course represents a second year of actual work in retailing under supervision of the instructor. Class sessions will be held upon call of the instructor. Reports by the student, and by the store manager under whom the student works, will be required. Unsupervised work will not be accepted for credit. Staff.

139. PROBLEMS OF AIR TRANSPORT AND UTILITY MANAGEMENT.
See Economics 139.

140. PSYCHOLOGY IN BUSINESS AND INDUSTRY.
See Psychology 140.

142. SALESMANSHIP.
Credit, 3 semester hours. Gross.

144. REAL ESTATE PRINCIPLES.
Credit, 3 semester hours. Jamieson.

161. OFFICE ORGANIZATION AND MANAGEMENT.
Credit, 3 semester hours. Offered in alternate years. Given in 1953-54. Office practices and procedures. Gross.

163. BUSINESS ORGANIZATION AND MANAGEMENT.
Credit, 3 semester hours. A study of principles of management essential to the administration of any enterprise. Jamieson.

173, 174. ADVANCED ACCOUNTING.
Credit, 3 semester hours each semester. A study of the accounting and financial problems of the corporation. In the first semester, work is concentrated on problems that arise from construction and interpretation of the balance sheet; in the second semester, attention is directed to problems involved in analysis and interpretation of the profit and loss statements of a corporation. Capen, Gee.

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175. **ACCOUNTING THEORY.**
   *Credit, 3 semester hours.*

176. **COST ACCOUNTING.**
   *Credit, 3 semester hours.*
   Specific order, process, and allied methods of cost accounting are studied. Attention is given to payroll, social security deduction and general tax accounting. Both theory and practice are stressed. *Gee.*

177. **TAX ACCOUNTING.**
   *Credit, 3 semester hours.*
   A study of federal taxes, of income tax as applied to individuals, partnerships, corporations, and similar types of business organizations, of social security taxes, and of estate and gift taxes. *Capen.*

179. **MUNICIPAL ACCOUNTING.**
   *Credit, 3 semester hours.*
   

190. **LABOR LAW PROBLEMS.**
   See Economics 190.

199. **THE TEACHING OF COMMERCIAL SUBJECTS.**
   *Credit, 2 semester hours. Prerequisite, Education 155; see Education 199.*
   For prospective teachers of high school commercial subjects. *Gross.*

GRADUATE COURSES

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

200. **AUDITING.**
   *Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.*
   Analyses of balance sheets and profit and loss statements; audit procedures, and a study of the highest professional accounting opinions pertaining to accounting, business, and financial policies of today. *Capen.*

201, 202. **READING AND CONFERENCE.**
   *Credit, 1 to 2 hours each semester.*

203. **SEMINAR IN ACCOUNTING.**
   *Credit, 3 semester hours. Offered every third year. Given in 1951-52.*
   The content of this course will vary according to the interests of the student. It may take the form of readings, surveys, or problem studies. *Capen.*

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COURSES OF INSTRUCTION

204. SEMINAR IN BUSINESS POLICIES.
   Credit, 3 semester hours.

205, 206. INDEPENDENT STUDY.
   Credit, 2 to 4 semester hours each semester.

210. BUSINESS CYCLE THEORY.
   See Economics 210.

212. ADVANCED STATISTICS.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
   Classification, analysis, interpretation, and presentation of statistical information are studied. Emphasis is given to graphic, pictorial and descriptive presentation.

214. PERSONNEL MANAGEMENT.
   Credit, 3 semester hours.
   Problems of personnel administration, such as selection, placement, training, control and compensation of labor, will be studied.

215. CERTIFIED PUBLIC ACCOUNTANCY PROBLEMS.
   Credit, 3 semester hours.

220. SALES MANAGEMENT.
   Credit, 3 semester hours.
   Actual problems of retail, wholesale, and specialty selling with class practice in organizing the sales canvass. Problems of the sales manager in directing the selling and marketing activities of the individual concern.

250. THESIS.
   Credit, 4 to 6 semester hours.

CHEMISTRY

Professors FEHLANDT, CARRUTH, SPRENGER; MR. ROSE, MR. CARLSON.

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

The elective curriculum is designed for students who want a general course in chemistry, leading to the degree of bachelor of science. This might be as a part of a broad general education, in
preparation for teaching, or as preliminary to the study of medicine. The requirements for the elective curriculum are the same as the general requirements of the college for a major: namely, twenty-four semester hours in the field chosen, provided that, in addition to general inorganic chemistry, courses are taken from both the fields of analytical and of organic or physical chemistry.

The prescribed curriculum is designed for students who wish to make use of chemistry as a vocation, and the requirements for this curriculum are essentially those specified by the American Chemical Society's Committee on the Professional Training of Chemists. These requirements are: the four fundamental full-year courses in chemistry, plus advanced chemistry, comprising the equivalent of two lectures or recitations a week for two semesters, and at least three hours of laboratory work per week, for one semester. Three years of previous chemistry is required for admission to these advanced chemistry courses.

In addition to the usual requirements for the Bachelor of Science degree, students who elect the prescribed curriculum must: (1) complete Mathematics 51, 52, and (2) have a reading knowledge of scientific German.

Minors suggested as being suitable for accompanying either kind of chemistry major are: another science, mathematics, a foreign language, or economics.

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

A minor in chemistry must include one course in each of the fields of analytical and organic chemistry.

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

1, 2. GENERAL CHEMISTRY.
Credit, 4 semester hours each semester.
Designed for students who intend to go no farther than one year in college chemistry, students in nursing, and majors in biology or home economics.

5. GENERAL, FOR NURSES.
Credit, 4 semester hours. Prerequisite, high school chemistry. A review of the basic principles of general chemistry, plus a study of certain sections in organic and physiological chemistry.
COURSES OF INSTRUCTION

11, 12. GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS.
Credit, 5 semester hours each semester. Prerequisite, high school algebra and plane geometry. High school chemistry is not a prerequisite, although it is desirable.

The course deals with the non-metallic and metallic elements, their preparation, typical reactions, most important compounds, everyday uses, and the fundamental principles and theories of the science. The laboratory in Chemistry 12 will include elementary qualitative analysis of anions and cations.

Staff.

22. QUALITATIVE ANALYSIS.
Credit, 2 semester hours. Given as there is demand.
Six laboratory hours per week. Elements of qualitative analysis. Required for entrance to advanced courses of students who do not have the equivalent of five hours each of Chemistry 11 and 12.

44. GLASS BLOWING.
Credit, 1 semester hour.
One demonstration hour and two laboratory hours per week. Open only to majors in chemistry and physics; see instructor for permission to enroll.

51, 52. QUANTITATIVE ANALYSIS.
Credit, 3 or 4 semester hours each semester, depending upon amount of laboratory work. Prerequisite, for Course 51, Course 12 or equivalent; for Course 52, Course 51.
Elementary gravimetric and volumetric analysis; electrolytic and optical methods; stoichiometrical relations; modern theory and practice.

101, 102. ORGANIC CHEMISTRY.
Credit, 5 semester hours each semester. Prerequisite, for Course 101, General Chemistry; for Course 102, Course 101.
This course includes a study of the hydrogen compounds of carbon and their more important derivatives. The laboratory will include the preparation of typical compounds and will demonstrate various methods of organic preparation.

103. ORGANIC PREPARATIONS.
Credit, 1 to 3 semester hours. Given as there is demand.
One quiz, and laboratory hours per week varying according to the credit sought. Offered principally for students who do not have the equivalent of five hours each of Chemistry 101 and 102.

113, 114. ADVANCED QUANTITATIVE ANALYSIS.
Credit, 1 to 4 semester hours either semester. Given as there is demand. Prerequisite, Chemistry 52 and consent of instructor.
This course will take up some of the more difficult problems of analysis.
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Conferences and 3 to 12 hours of laboratory per week, depending on amount of credit elected.

151, 152. PHYSICAL CHEMISTRY.
Credit, 5 semester hours each semester. Laboratory, two three-hour periods per week. Prerequisites, Chemistry 51, Physics 52, and Mathematics 52.
This course will include the kinetic theory of gases, the determination of molecular weights, thermodynamics, thermochemistry, equilibrium, theory of solution, chemical kinetics, electrochemistry, the phase rule and modern theories of the structure of the atom.

199. THE TEACHING OF THE PHYSICAL SCIENCES.
Credit, 2 semester hours. Open to students with a major in chemistry or physics. Prerequisite, Education 155; see Education 199.
For prospective teachers of high school chemistry, physics, or general science. Seward.

GRADUATE COURSES

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

205, 206. RESEARCH.
Credit, not to exceed 5 semester hours either semester, or a total of 10 semester hours.

222. ADVANCED INORGANIC CHEMISTRY.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
A systematic study of inorganic chemistry from the standpoint of the periodic system.

233. ADVANCED ORGANIC CHEMISTRY.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
A review of the general field of organic chemistry with a discussion of reactions and theories of importance in modern organic chemistry.

235. ORGANIC PREPARATIONS.
Credit, 1 to 3 semester hours. Given as there is demand.
Synthetic work of an advanced nature. One quiz, and laboratory hours per week varying according to the credit sought.
COURSES OF INSTRUCTION

236. ORGANIC ANALYSIS.
Credit, 3 semester hours. Given as there is demand.
A study of the properties of organic compounds, and practice in the methods of identifying unknown substances.

243. BIOCHEMISTRY.
Credit, 5 semester hours. Laboratory, two three-hour periods per week. Prerequisites, general organic chemistry and quantitative analysis. Offered in alternate years. Given in 1953-54.
The chemistry of carbohydrates, proteins, lipids and other dietary components; the composition of blood and various tissues; the chemistry of metabolic products. Sprenger.

246. COLLOID CHEMISTRY.
Credit, 2 semester hours. Prerequisite, Physical Chemistry. Offered in alternate years. Given in 1953-54.
The fundamental principles of colloid chemistry.

250. THESIS.
Credit, not to exceed 6 semester hours.

ECONOMICS
Profsessors Battin, Capen, Jamieson, Gee; Dr. Paul Fossum.
Course 1 is prerequisite to all other courses in the department.
A major in economics should include courses 1, 3 or 4, 53, 54, 101, 192 and six additional upper-level hours. Credit for three semester hours in accounting and three semester hours in speech or equivalent training should also be presented for graduation.

Students who major in economics may satisfy requirements for a minor in business administration by taking Courses 3 or 4, 61 or 62, 63, 64, and three upper-level hours.

A minor in economics should include Courses 1, 53 or 129 and 130, 54, 101, and 192.

1. GENERAL ECONOMICS.
Credit, 5 semester hours either semester.
Basic course in the general principles of economics. Battin.

3. ECONOMIC GEOGRAPHY.
See Business Administration 3.
COLLEGE OF PUGET SOUND

4. MARKETING.
   See Business Administration 4.

53. ECONOMIC HISTORY OF THE UNITED STATES.
   Credit, 3 semester hours.
   An interpretation of the history of the United States in terms of economic motives.
   Gee.

54. MONEY AND BANKING.
   Credit, 3 semester hours.
   The functions of money, monetary standards, and credit are studied. The organization and interrelationship of the many institutions which make up the financial structure of society. The principles of banking are studied in the light of practice as it exists today. Gee, Jamieson.

101. STATISTICS.
   See Business Administration 101.

108. POPULATION PROBLEMS.
   See Sociology 108.

113. ECONOMICS OF LATIN AMERICA.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
   A survey of the economic resources, history and policies of the Latin American countries.
   Battin.

116. LABOR ECONOMICS.
   Credit, 3 semester hours.
   Staff.

125. TRANSPORTATION.
   Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.
   Air, highway, inland water, and rail transportation in the United States, and the relation of each to such problems as price fixing, rates, calculation of costs, effect on distribution of population, labor, finance, etc.

129, 130. ECONOMIC HISTORY OF EUROPE.
   See History 129, 130.

137. RISK AND INSURANCE.
   Credit, 3 semester hours.
   The risk factor in its economic and social aspects; ways of meeting risk, the general outline of fire, life, and other insurance. Outside reading and report.
   Capen.
COURSES OF INSTRUCTION

139. PROBLEMS OF AIR TRANSPORT AND PUBLIC UTILITY MANAGEMENT.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
An analysis of problems of ownership, regulation and management of air transportation and public utilities. Capen.

153, 154. HISTORY OF POLITICAL AND SOCIAL PHILOSOPHY.
See Political Science 153, 154.

155. ECONOMIC THEORY.
Credit, 3 semester hours.
Money, value, and prices.

157. COMPARATIVE ECONOMIC SYSTEMS.
Credit, 3 semester hours.
An analysis of the basic concepts and implications of the communist, socialist, fascist, and capitalist economic systems. Battin.

162. FOREIGN TRADE.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
A survey course presenting some of the problems of foreign trade, such as study of the foreign consumer, instruments of export sales management, terms of sale in foreign markets, auxiliary agencies affecting delivery, and financing foreign trade. Battin.

176. PUBLIC FINANCE.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
The nature, extent, and causes of the growth of public expenditures; the sources of public revenue; the shifting and incidence of taxes, and the extent and effects of governmental borrowing. Capen.

190. LABOR LAW PROBLEMS.
Credit, 3 semester hours.
A survey of legal principles and problems involved in labor, management, public relations. Jamieson.

192. HISTORY OF ECONOMIC DOCTRINE.
Credit, 3 semester hours.
COLLEGE OF PUGET SOUND

GRADUATE COURSES

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

201, 202. READING AND CONFERENCE.
Credit, 1 or 2 semester hours each semester.
Directed reading, oral and written reports.

204. SEMINAR IN ECONOMIC POLICIES.
Credit, 2 or 3 semester hours. Time to be arranged.

205, 206. INDEPENDENT STUDY AND INVESTIGATION.
Credit, 2 to 4 semester hours.
Open only to specially qualified students.

210. BUSINESS CYCLE THEORY.
Credit, 3 semester hours.

212. ADVANCED STATISTICAL ANALYSIS.
See B.A. 212.

217. GOVERNMENT IN BUSINESS.
Credit, 3 semester hours.

250. THESIS.
Credit, 4 to 6 semester hours.

EDUCATION

Professors POWELL, GIBBS, MILLER, KELLY.

The courses in education are designed primarily to meet requirements for certification to teach in the schools of Washington, without examination. They are also planned to aid teachers and administrators already in service to supplement their earlier training, and to provide courses specified for principals' credentials. They are serviceable in addition for students who desire a knowledge of educational problems and practices as a factor in general and social culture.

THE GENERAL CERTIFICATE

The General Certificate Program is designed to train teachers for grades one through twelve. The program consists of three phases: Phase I—four years of pre-service college training leading to a bachelor's degree and a Provisional General Certificate, renew-
able for a total of four years; Phase II—one to four years of initial teaching experience on a full-time basis at a standard salary, under the joint supervision of the pre-service training institution and the employing school; Phase III—a fifth year (30 semester hours) of teacher-education following the period of initial teaching experience. It is recommended that the teacher obtain this fifth year during one academic year, but upon recommendation of the teacher’s adviser the work may be taken during the summer sessions. In any event, the fifth year of training must begin in the summer or the academic year following the initial year of experience and must be completed within four years. Upon satisfactory completion of the fifth year of training and a record of successful teaching, the teacher will be recommended by the training institution for the Continuing General Certificate.

I. General Requirements for all Teacher-Education Candidates

Students who wish to teach in the public schools of Washington are advised to make application to enter the General Certificate Program at the time of initial enrollment in the College of Puget Sound through registration with the Department of Education. Final acceptance in the program will be given at the close of the fifth semester if the following conditions are met:

1. A cumulative grade point average of 2.25 or higher.

2. A grade of "C" or higher in all education courses.

3. Approval by the Education Department as a candidate possessing definite promise of success in teaching, as indicated by high school records, college academic accomplishments, aptitude and personality tests, intelligence tests, attitudes, physical qualities, and such other evidence as may be pertinent.

All teacher-candidates must maintain a cumulative grade point average of 2.25 or higher for the first seven semesters, with no grade below "C" in any of the professional requirements. Failure to meet this requirement will result in a re-evaluation of the student’s professional objectives. It is urged that all teacher-candidates participate in at least one major extra-curricular activity, such as major and minor athletics, intra-mural sports, debate, dramatics, music, or publications.
Graduation requirements must be met for the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Arts in Education. If the Bachelor of Arts in Education is chosen, education will constitute the major for graduation.

The degrees of Bachelor of Arts and Bachelor of Science require two years of a foreign language and may necessitate more than 125 semester hours of credit by the time all certificate and graduation requirements are met.*

II. Specific Requirements

A. Phase I—Four Years of Pre-Service Education—125 semester hours: (A Minimum of 120 academic hours and 5 physical-education activity credits.)

1. General Education—A minimum of 58 academic semester hours.
   All teacher-candidates must arrange their first two years of college so as to include course work in the appropriate following areas:
   * Air force R.O.T.C.
   * Art, Courses 1 and 77.
   * Foreign Language (Optional)
   * Freshman English Composition
   * General Psychology
   * Health Education, Courses 65 and 66
   * Humanities
   * Music, Course 15
   * Physical Education, activity credit
   * Religion, Course 1
   * Science
   * Social Studies, choose 4 hours from History 1, 2, 11, 12, 21 or 22
   * Speech, Course 1
   Electives should be chosen according to the Program Options and the Areas of Concentration listed below.

2. Broad Areas of Concentration—a minimum of 40 semester hours.

*See the general requirements for college graduation as found on pages 40-41.
COURSES OF INSTRUCTION

In most instances, courses taken under the General Education requirements may be used as partial fulfillment of these areas of concentration.

a. Program Options

Subject-matter fields (e.g. English, history, biology) will be organized around five Areas of Concentration. Courses in these areas must be planned within one of three options, as explained below.

(1) One Broad Area—no more than 24 of the 40 semester hours should be devoted to one subject-matter field in a given Area of Concentration.

(2) Two Broad Areas—24 to 30 semester hours in one Area and 10 to 16 hours in the other. Under this option no more than 24 semester hours in the major Area may be devoted to any one subject-matter field.

(3) Three Broad Areas—approximately 14 semester hours in each Area. Under this option, courses in each Area of Concentration should be in not more than two subject-matter fields.

b. Areas of Concentration

(1) Fine and Applied Arts
This area includes art, music, industrial arts, home economics, commercial subjects.

(2) Health
This area includes health education, physical education (exclusive of activity credits), recreation, and hygiene.

(3) Language Arts
This area includes composition, drama, foreign language, journalism, literature, reading, and speech.

(4) Sciences and Mathematics
This area includes the biological and physical sciences, and mathematics.
Social Studies
This area includes history (Washington State History and Government required), sociology, anthropology, political science, geography, and economics.

Electives
The time available for the relatively free choice of electives is greatly limited. Choices of electives should be made with care and under the guidance of the Department of Education.

3. Professional Education—30 semester hours.
   a. Required Courses
      (1) 105. Introduction to Education, 4 semester hours, in the second half of the sophomore, or the first half of the junior, year.
      (2) 106. Human Growth and Development, 4 semester hours, in the first or second half of the junior year.
      (3) 155. Curriculum Methods and Materials, 6 semester hours, in the second half of the junior, or the first half of the senior, year.
      (4) 156. Professional Laboratory Experience, including Directed Teaching, 10 semester hours, in the first or second half of the senior year.
      (6) 161. Art Education, 2 semester hours.
   b. Electives in Education, 2 to 5 semester hours, in the junior and senior years.
      Courses which will strengthen the students' professional preparation should be chosen under the guidance of the Department of Education.

4. September Experiences
Each student will be required to observe and to
COURSES OF INSTRUCTION

participate in selected opening activities of his home town or the Tacoma Public Schools in the September immediately preceding the year in which he will do his student teaching. Plans for these experiences must be made in the preceding spring semester.

B. Phase II—Initial Teaching Experience

The period of initial teaching experience is on a full-time basis at a standard salary in a public elementary or secondary school and is regarded as an integral part of the program of teacher education.

This period must cover at least one full school year and cannot extend beyond four years. Teaching during this period is on a Provisional General Certificate, which is valid for one year and renewable annually to a total of four years. The College of Puget Sound and the employing school-district share responsibility for the guidance of the initial teaching experience. Assistance in securing a teaching position will be given by the Teacher Placement Bureau of the College of Puget Sound.

C. Phase III—Fifth Year of Teacher-Education (30 semester hours).

A fifth year of teacher-education at the graduate level is required following the initial teaching experience and prior to issuance of the Continuing General Certificate. This fifth year must begin during the first summer or school year after the initial teaching experience, preferably the latter, and must be completed within four years.

This fifth year will provide opportunity for specialization in areas of interest, for further general education, for additional professional education, and for overcoming weaknesses and increasing strengths. There are no required courses, but those chosen should be selected in the light of needs discovered during the initial teaching experience.

With careful planning, the Master of Arts or the Master of Education degree may be earned during the fifth year.

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COLLEGE OF PUGET SOUND

BACHELOR OF EDUCATION DEGREE

The degree of Bachelor of Education is a post-graduate degree conferred on students who have completed a fifth year of study and who have the following qualifications:

1. Possession of a standard bachelor's degree from an accredited institution of higher learning;
2. Fulfillment of the requirements for a standard Washington State teaching certificate;
3. Completion of thirty semester hours of college work beyond the bachelor's degree;
4. Completion of not less than twenty-seven semester hours of education, including the courses required by the Washington State Board of Education;
5. Completion of subject-matter hours as required by the Washington State Board of Education;
6. Attainment of a cumulative grade point average of 2.25 or higher;
7. Fulfillment of the minimum residence and credit requirements of the College of Puget Sound for a degree.

MASTER OF EDUCATION

The Master of Education is a standard graduate degree designed for persons engaged in the various fields of education (teaching, administration, supervision, and guidance) who prefer to substitute specific courses in the Department of Education and a study of some specific field problem for the thesis required for the Master of Arts degree.

The standards and procedures for admission, scholarship, and examination, except the thesis, shall be the same as for candidates to the Master of Arts degree.

The Master of Education degree requires a minimum of thirty-six semester hours of graduate credit, normally all in the major subject of education. Subject to approval by the Graduate Committee, the candidate may choose a minor academic subject, in which case he must present a minimum of twenty-one hours of credit in his major and fifteen hours in his minor. A total of twenty-four hours of undergraduate credit in education and fourteen hours in the minor is considered a minimum for admission to graduate study.
COURSES OF INSTRUCTION

The graduate courses chosen to satisfy requirements for the degree shall be selected in consultation with the candidate's major adviser. This program may include desirable and pertinent graduate courses from departments other than Education for any given candidate when approved by the Department of Education and the Graduate Committee. In addition to the elective education courses, each candidate must present credits in the following specific courses: (a) Introduction to Educational Research; (b) Statistical Methods; (c) Seminar in Education. Graduate courses, including transfer credit, taken more than ten years prior to application for admission to graduate study, will not be accepted.

Credit may be given, at the discretion of the Graduate Committee, for graduate work in other institutions having similar standards for such work, but such credit may not exceed ten semester hours. Not more than six semester hours of credit by extension may be allowed, and no credit will be allowed for courses taken through correspondence. The extension work presented must be acceptable for graduate degree credit by the institution which offered the work. Any transfer credit is tentative until validated by work in residence.

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

Application for the degree must be made at the beginning of the semester or summer session in which the degree is to be awarded.

MAJOR AND MINOR REQUIREMENTS

Students who take a major in the subject of education itself must have the courses required by the State Board of Education for certification to teach, and in no case shall the major be less than twenty-four semester hours.

Requirements for a minor will be determined by the Department of Education in consultation with the student.

SEQUENCE OF COURSES

General Psychology 51 is a prerequisite for all courses in education. The following sequence of education courses must be followed for the General Certificate: Education 105, 106, 155, 156, 162*, selected electives in education and History 137 during the junior and senior years.
105. INTRODUCTION TO EDUCATION.

Credit, 4 semester hours. Open to second-semester sophomores. Required for the General Certificate.

This is an orientation course designed to give students first-hand experience and knowledge of the American Educational system, local, state and national. Three hours per week will be spent in off-campus professional activities. State educational law (State Manual) is included in this course.

106. HUMAN GROWTH AND DEVELOPMENT.

Credit, 4 semester hours. Required for the General Certificate. Prerequisite, Education 105.

This area of study will include child psychology, adolescent psychology and educational psychology. In addition, two hours per week will be spent in off-campus laboratory work with children in the public schools. A lecture section, and small conference groups, will be used to integrate and correlate the total work.

122. PSYCHOLOGY OF ADOLESCENCE.
See Psychology 122.

128. ORGANIZATION AND ADMINISTRATION OF AGENCIES FOR CHARACTER-EDUCATION AND RELIGIOUS EDUCATION.
See Religion 128.

151. PRINCIPLES AND PRACTICES OF GUIDANCE.
Credit, 3 semester hours. Required for the Bachelor of Education degree.

Methods of personal, educational, and vocational guidance in schools. Two-hour laboratory per week in the public schools.

154. AUDIO-VISUAL AIDS IN TEACHING.
Credit, 3 semester hours.

The uses of each type of aid, the method by which it can be most effectively employed, administration of the school's audio-visual program, and use of equipment.

155. CURRICULUM METHODS AND MATERIALS.
Credit, 6 semester hours. Open to second semester juniors. Required for the General Certificate. Prerequisite, Education 106.

This area will include four hours per week of college seminar and five clock hours per week of directed observation and participation in both the elementary and secondary schools, with student teaching on the less-preferred level. Curriculum problems and plans and teaching techniques on both levels will be integrated and correlated with classroom observation.

*See Education Course 162.
COURSES OF INSTRUCTION

156. Professional Laboratory Experiences, Including Directed Teaching.
Credit, 10 semester hours. Open only to seniors. Required for the General Certificate. Prerequisite, Education 155.

Directed teaching will be on a half-day basis with provisions for seminars related to the problems encountered in teaching. Teaching will be done on the preferred level.

Credit, 2 semester hours. Required for elementary-school teaching. Prerequisite, Education 106.

158. Reading Methods.
Credit, 2 semester hours. Required for elementary-school teaching. Prerequisite, Education 106.

159, 160. Music Education.
Credit, 4 semester hours. Required for the General Certificate. Prerequisite, Music 5, and Education 106.

161. Art Education.
Credit, 2 semester hours. Required for the General Certificate. Prerequisite, Art 1, 77, and Education 106.

Credit, 2 semester hours. Not counted toward a major in education. Required of all students intending to teach in the State of Washington.

The course will include a study of the State Constitution, an outline of the State school system and essentials of the school law, and a general view of the curricula and courses of study officially prescribed by the State Board.

163. Science Education.
Credit, 2 semester hours. Not to be counted toward a science major.

A study of the general principles and the inter-relationships of the basic sciences. Designed for junior high and elementary school teachers.

*May be taken in residence or by correspondence, or the requirement may be satisfied by examination through the Office of the County Superintendent of Schools. The examination is given on the first Saturday in March. Registration for the examination should be made in February. Education 105 also satisfies the State Manual requirement.
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164. SOCIAL SCIENCE EDUCATION.
Credit, 2 semester hours.
Methods and materials in the social sciences for the elementary school grades.

175. EDUCATIONAL TESTS AND MEASUREMENTS.
Credit, 3 semester hours. Required for the Bachelor of Education degree.
A study of the methods used in testing pupils in the public schools, the principles underlying these methods and the relation of the tests to school efficiency and school progress. The course includes an introductory study of statistics and statistical methods. Practice in making tests and in charting and estimating results will be required.

176. SCHOOL ORGANIZATION AND ADMINISTRATION.
Credit, 3 semester hours.
A course in the principles and methods of educational organization and administration. Units of organization, city school systems, forms and functions of state and local supervision, the teaching staff, courses of study, special types of public education, standard of efficiency, school building, furnishings and equipment.

178. STATISTICAL METHODS.
Credit, 3 semester hours. Required for the Master of Education degree.
A study of the statistical procedures employed in dealing with educational, psychological, and sociological data.

199. SPECIFIC METHODS IN TEACHING SECONDARY SCHOOL SUBJECTS.
Credit, 2 semester hours either semester. Prerequisite, Education 155.
Classes are conducted by teachers for the major subjects. For further information see list of courses offered by the department in which a major is being taken.

GRADUATE COURSES

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

201, 202. READING CONFERENCE.
Credit arranged. Open only to advanced students with the approval of the instructor.

205. HISTORY OF EDUCATION.
Credit, 3 semester hours.
A study of educational theory and practice from early times to the
COURSES OF INSTRUCTION

present. Emphasis is placed on the theoretic conceptions and the social forces which determined specific forms of educational organization, or the spirit and content of instruction at different times. Special attention is given to the evolution of national school systems and to the influence of the modern scientific and social spirit. Consideration will also be given to current problems and tendencies.

206. PHILOSOPHY OF EDUCATION.
Credit, 3 semester hours.

A study of different ideals and an attempt to formulate a sound philosophy of education for the United States under present conditions.

208. PRINCIPLES OF SECONDARY EDUCATION.
Credit, 3 semester hours.

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

209. PRINCIPLES OF ELEMENTARY EDUCATION.
Credit, 3 semester hours.

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

210. ADVANCED EDUCATIONAL PSYCHOLOGY.
Credit, 3 semester hours.

Advanced study of the psychology of learning and teaching processes, with emphasis on the evaluation of current educational theories and practices in terms of psychological principles.

225. PRINCIPLES OF PUBLIC SCHOOL CURRICULUM PLANNING.
Credit, 3 semester hours.

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

226. ADVANCED TECHNIQUES OF COUNSELING AND GUIDANCE.
Credit, 3 semester hours.

Advanced techniques of guidance and counseling procedure in the elementary and secondary school. Designed primarily for experienced counselors and teachers.

235. ELEMENTARY SCHOOL ADMINISTRATION AND SUPERVISION.
Credit, 3 semester hours.

Construction of the daily program, analyzing time allotments and the balance of activities; classification and promotion of pupils; attendance and tardiness; health education; school assembly; and school library.

236. JUNIOR HIGH SCHOOL ADMINISTRATION AND SUPERVISION.
Credit, 3 semester hours.

A study of the organization, functions, and problems of administration in the junior high school.
237. **High School Administration and Supervision.**  
*Credit, 3 semester hours.*  
Problems in the administration of secondary schools; designed especially for students who expect to become principals or superintendents.

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

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

250. **Thesis.**  
*Credit and time to be arranged.*

251. **Introduction to Educational Research.**  
*Credit, 3 semester hours. Required for the Master of Arts in Education and the Master of Education degrees.*  
Application of methods of research to determination of selected educational problems. Especially adapted to students who desire an introduction to educational research, or to graduate methods in research.

252. **Seminar in Education.**  
*Credit and time arranged. Required for the Master of Education degree.*  
Individual investigation and group consideration of selected problems in the field of education.

**English**  
*Professors Jaeger, Chapman, Drushel, Morgan; Mrs. Bennett, Miss Myers, Mr. Weatherhead.*

The Department of English includes three fields: composition and rhetoric, literature, and journalism. Majors and minors are offered in the first two fields. A major can be secured in journalism and English combined, and a minor is offered in journalism.

English 1 and 2, or 61 and 62, or their equivalent, in composition are required of all students, but these courses may not be counted toward a major or minor. English 1, or 61, must be taken the first semester students are in the college. It is prerequisite
to English 2, or 62, which must be taken not later than the second year in residence.

Essential (upper-level) literature courses are grouped as follows:

**GROUP I**

151, 152, Shakespeare.
181, 182, Medieval literature.
191, 192, Renaissance literature.

**GROUP II**

163, 164, Eighteenth Century literature.
165, 166, Nineteenth Century literature.

Requirements for majors and minors:

A major in literature should include Courses 51, 52, 55 or 56, 151 or 152, and 6 hours additional from each of Groups I and II.

A minor in literature should include six hours from among Courses 51, 52, 53, 54, and three hours from each of Groups I and II.

A major in composition should include six hours from among Courses 51, 52, 53, 54; Courses 65, 66, 115, 116, 211, 212, and six hours of upper-level courses in literature.

A minor in composition should include three hours from among Courses 51, 52, 53, 54, eight hours in composition, and four hours additional in literature.

**I. COMPOSITION AND RHETORIC**

1, 2. FRESHMAN COMPOSITION.

*Credit, 3 semester hours each semester.*

The fundamental principles of composition with practice in theme writing. Personal criticism and individual conferences. Staff.

61, 62. ENGLISH PROSE COMPOSITION.

*Credit, 3 semester hours each semester.*

A course in the writing of expository and narrative prose, with emphasis upon organization, style, and rhetorical principles; illustrated and augmented by reading in English and American selections. Open to freshmen who are not required to take English 1, 2. Staff.

65, 66. PROFESSIONAL WRITING.

See Journalism 65, 66.
112. **Advanced Grammar of English.**

*Credit, 2 semester hours. Offered in alternate years. Given in 1952-53.*

Descriptive grammar of modern English planned for teachers of secondary school English and for students of advanced English composition. Bennett.

115, 116. **Advanced Composition.**

*Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.*

A practical course for students and teachers who desire training in formal and informal essay.

First semester: emphasis upon expository composition for both practical and literary ends. Second semester: emphasis upon the informal or familiar essay. Bennett.

157, 158. **Conference in Creative Writing.**

See Journalism 157, 158.

199. **The Teaching of English.**

*Credit, 2 semester hours. Prerequisite, Education 155; see Education 199.*

The methods and materials for the teaching of English in secondary schools.

211. **History of the English Language.**

*Credit, 2 semester hours. Offered in alternate years. Given in 1952-53.*

A study of the change and development in the vocabulary, grammar, and pronunciation of the English language from the beginning to the present time. Recommended to English majors who expect to teach. Chapman.

212. **Principles of Criticism.**

*Credit, 2 semester hours. Offered in alternate years. Given in 1952-53.*

Reading, and application to chosen masterpieces, of a selected group of critical essays, with the view of developing in the student principles of literary taste and judgment. Chapman.

**II. Literature**

41, 42. **Introduction to Types of Literature.**

*Credit, 2 semester hours each semester. Open to freshmen.*

Reading in modern English and American literature in several types. Consideration of modern thought that has affected literature. Jaeger.

51, 52. **Introduction to English Literature.**

*Credit, 3 semester hours each semester.*

A survey course covering the chief men and movements of English literary history from its beginning through the nineteenth century. Staff.
53, 54. WORLD LITERATURE.
Credit, 3 semester hours each semester.
A study of classics selected from Ancient, Medieval, and Renaissance literature, with attention to their influence on English letters. Chapman.

55, 56. AMERICAN LITERATURE.
Credit, 2 semester hours each semester.
Colonial period to 1870; 1870 to World War. Drushel.

113, 114. CONTEMPORARY LITERATURE BEFORE WORLD WAR I.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.
A study of representative Continental, British and American dramatists, novelists, poets and essayists. Bennett.

125, 126. CONTEMPORARY LITERATURE AFTER WORLD WAR I.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.
A continuation of Course 113, 114. Bennett.

151, 152. SHAKESPEARE.
Credit, 3 semester hours each semester.
A study of the principal plays of Shakespeare with examination of the source material. One semester required of literature majors. Weatherhead.

163, 164. RESTORATION AND EIGHTEENTH CENTURY LITERATURE.
Credit, 3 semester hours each semester. Offered in alternate years. Given in 1953-54.

165, 166. NINETEENTH CENTURY LITERATURE.
Credit, 3 semester hours each semester. Offered in alternate years. Given in 1953-54.

*173, 174. THE NOVEL IN ENGLISH.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.
The development of the English and American novel from the beginnings through the nineteenth century. Weatherhead.

*Enrollment for one hour additional each semester with permission of the instructor.
175, 176. THE DRAMA IN ENGLISH.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.
English drama to 1642; Restoration period to contemporary drama. Weatherhead.

181, 182. OLD AND MIDDLE ENGLISH LITERATURE.
Credit, 3 semester hours each semester. Offered in alternate years. Given in 1953-54.
First semester: reading in selected translations from Old English prose and poetry, and in Middle English other than Chaucer. Second semester: rapid reading of Chaucer in the original. Discussion and reports. Chapman.

191, 192. LITERATURE OF THE ENGLISH RENAISSANCE.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
The English Renaissance, Spenser and his contemporaries, Milton and his contemporaries. Jaeger.

201, 202. READING IN ENGLISH.
Credit, 2 semester hours each semester. Open only to advanced students with the consent of the instructor and of the head of the department.
Individual study of selected topics, with written reports, and conferences.

250. THESIS.
Credit, 4 to 6 semester hours.
Courses in other departments that may be offered for credit in English literature: Biblical literature 51, 52.

III. JOURNALISM
Students may take a major which combines courses in journalism with English composition and literature.

Requirements for this major include: Journalism 1, 2, 21, 22, 53, 54, 55, 56, 101, 102, 151 and 152; Literature 55, 56; four hours selected from Literature 113, 114, 125, 126; six hours selected from Literature 51, 52, 53, 54; and either Journalism 65, 66 or Composition 115, 116.

Requirements for a minor in journalism include: Journalism 1, 2, 53, 54, 101, 102 and electives in journalism to make a total of 15 semester hours.

*Enrollment for one hour additional each semester with permission of the instructor.
COURSES OF INSTRUCTION

1, 2. NEWS-WRITING AND EDITING.  
Credit, 2 semester hours each semester. Required for all majors.  
The technique of the news-story. The first semester is devoted to straight news-writing and copy-editing. The second semester takes up specialized news work: editorials, sports stories, society, features and radio news. Morgan.

21, 22. CONTEMPORARY HISTORY.  
See History 21, 22. Required for all majors.

53, 54. TRAIL EDITORIAL CONFERENCE.  
Credit, 2 semester hours each semester. Required of all majors. Prerequisite, Journalism 1, 2.  
A writing laboratory for the staff of the college news-magazine. Morgan.

55, 56. THE ROLE OF THE PRESS.  
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.  
A survey of the main currents in the development of journalism. Emphasis is placed on the newspapers as a social influence in present-day America, with considerable time in the second semester devoted to the various aspects of propaganda. Morgan.

65, 66. PROFESSIONAL WRITING.  
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.  
Work on commercial fiction and non-fiction. Emphasis is on the techniques of writing publishable copy rather than on formal literary style. Both articles and short stories are written each semester. Morgan.

101, 102. NEWS BROADCASTING.  
Credit, 3 semester hours each semester. Required of all majors.  
Students in this course prepare a daily news program and announce it over one of the Tacoma radio stations. The class studies the technique of writing radio news and features. The emphasis is on writing rather than announcing, though the students do all the broadcasting.

105, 106. ADVANCED EDITORIAL CONFERENCE.  
Credit, 1 semester hour each semester.  
Open only to students who have completed Journalism 53, 54 and are participating in the editing of the Trail. Morgan.

112. INTRODUCTION TO ADVERTISING.  
See Business Administration 112.

115, 116. ADVANCED COMPOSITION.  
See English 115, 116.
151, 152. JOURNALISM WORKSHOP.
Credit, 2 semester hours each semester. Required of all majors.
Advanced work in feature stories, publicity and editing house organs.
Morgan.

157, 158. CONFERENCE IN CREATIVE WRITING.
Credit, 2 semester hours each semester. Registration only by permission of the instructor.
A seminar for writers engaged in book-length projects, either fiction or non-fiction.
Morgan.

203, 204. SEMINAR IN JOURNALISM.
Credit, 2 semester hours each semester.
A weekly conference open only to seniors majoring in journalism.
Morgan.

FRENCH
Professor HELEN FOSSUM.
For a major in French, Courses 101, 102, 113, 114 (or 125, 126), 151, and 187 should be included. For prospective teachers, Course 199 is required.
For a minor in French, Courses 101, 102, and 151 are recommended.
Courses 1 and 2 are not counted in the hours for a major, nor Course 1 for a minor.

1, 2. ELEMENTARY FRENCH.
Credit, 4 semester hours each semester.
Introduction to the phonetics and grammar of the French language, reading of graded texts and of books on French culture.
Staff.

51, 52. INTERMEDIATE FRENCH.
Credit, 3 semester hours each semester. Prerequisite, Course 2, or two years of high school French.
Reading of modern French writers, review of grammar, oral and written composition, and conversation.
Staff.

101, 102. SURVEY OF FRENCH LITERATURE.
Credit, 3 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1953-54.
H. Fossum.

113, 114. DEVELOPMENT OF FRENCH DRAMA.
Credit, 3 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1953-54.
The first semester is devoted to the study of the drama through the seventeenth century; the second semester, to modern dramatists.
H. Fossum
COURSES OF INSTRUCTION

125, 126. DEVELOPMENT OF FRENCH NARRATIVE WRITING.
Credit, 3 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.
Lectures, reports, and discussion. Intensive study of some examples of the conte, nouvelle, and roman. H. Fossum.

151. ADVANCED COMPOSITION.
Credit, 3 semester hours. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.
Critical study of form and composition. H. Fossum.

175, 176. MODERN FRENCH LITERATURE.
Credit, 3 semester hours each semester. Prerequisite, Course 52, or the equivalent. Offered in alternate years. Given in 1952-53.
Lectures and reading of selected works of modern period, showing particularly the development of French thought during the nineteenth century. H. Fossum.

178. CONTEMPORARY FRENCH LITERATURE.
Credit, 3 semester hours. Prerequisite, Course 52, or the equivalent. Offered in alternate years. Given in 1953-54.
A study of twentieth century novelists, poets, dramatists and essayists. H. Fossum.

187. FRENCH CIVILIZATION.
Credit, 3 semester hours. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.
Readings, lectures, and reports on France from the Middle Ages to the present. H. Fossum.

188. FRENCH POETRY AND EXPLICATION DE TEXTES.
Credit, 3 semester hours. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.
Critical study of the development of French poetry from the Pleiade to the present day. H. Fossum.

199. THE TEACHING OF MODERN FOREIGN LANGUAGES.
Credit, 2 semester hours. Prerequisite, Education 155; see Education 199. Miller.

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

201, 202. READING CONFERENCE.
Credit, 1 or 2 semester hours each semester, and may be
COLLEGE OF PUGET SOUND

repeated once. Enrollment requires approval by the head of the department.

Directed reading, oral and written reports, and discussion. H. Fossum.

203, 204. SEMINAR.
Credit, 2 semester hours each semester. H. Fossum.

211, 212. READING AND INTERPRETING OLD FRENCH TEXTS.
Credit, 2 semester hours each semester. H. Fossum.

250. THESIS.
Credit, 4 to 6 semester hours.

GEOGRAPHY
Professor McMILLIN.

The objective of geography is to give non-professional training for the student who wishes to gain a broad understanding of the world and its peoples. The work is designed to meet the needs of the student in social studies and education.

71. GEOGRAPHY.
Credit, 3 semester hours.
A study of the basic physical elements of geography, especially climate, landforms, soils, natural vegetation and the integrated pattern of world distribution.

80. GEOGRAPHY OF THE UNITED STATES.
Credit, 3 semester hours.

GEOLOGY
Professor McMILLIN.

Any major in geology must include Courses 1, 2, 51, 52, and ten additional hours, however, to be recommended as a geologist or for a graduate appointment, a student must offer ten additional hours of upper-level work. Mathematics 56, Surveying, is required of all majors, and should be completed by the end of the sophomore year.

A student who wishes to major in geology should have had at least two years each of high school mathematics and language. If these courses have to be taken in college, additional time will be required. He should be advised also that there is certain field equipment such as a Brunton Compass, hand pick, hand lens, field notebook, and drafting equipment which he must procure as early as possible in his course.
COURSES OF INSTRUCTION

Instruction in the department may lead to any one of four major interests in the field of geology, which should be supported by minors in the suggested subjects: (1) Economic Geology and Mining, Chemistry; (2) Geophysics, Mathematics and Physics; (3) Engineering Geology, Physics and/or Mathematics; (4) Petroleum Geology, Physics and/or Mathematics; Paleontology, Biology.*

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

1. PHYSICAL GEOLOGY.

   Credit, 4 semester hours. This course is open only to science majors.

   This is essentially a study of the structures of the earth and the forces that produce them. McMinn.

2. INTRODUCTION TO HISTORIC GEOLOGY.

   Credit, 4 semester hours. Field trips required. May be taken without Geology 1.

   A study of the origin of the earth and its subsequent history. McMinn.

51. MINERALOGY.

   Credit, 3 semester hours. Prerequisite, Course 1, or equivalent; and General Chemistry is recommended.

   A comprehensive study of the more important minerals from the standpoint of physical characteristics. This will include an introduction to crystallography, physical and blowpipe analysis.

52. INTRODUCTION TO FIELD GEOLOGY.

   Credit, 3 semester hours. Field trips required.

   Problems of field geology discussed in general. Compass and elementary plane-table mapping are studied. Field trips are made to typical areas. McMinn.

100. GEOLOGIC DRAFTING.

   Credit, 2 semester hours. Given either semester. Two three-hour laboratories.

   A study of methods used in preparation of illustrations for geological reports.

*Because the geologist is closely associated with management, General Economics should be presented as part of the broad background. A minor might well be taken in economics or business administration. B.A. 101, Statistics, is suggested as preparation for Geol. 116 or 185.

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101. OPTICAL MINERALOGY.
   Credit, 3 semester hours. Prerequisite, ten hours of geology.
   Offered in alternate years.
   The use of polarizing microscope in the examination of minerals and rocks in thin sections. McMillin.

102. PETROGRAPHY.
   Credit, 3 semester hours. Prerequisite, Course 101. Offered in alternate years.
   Principles of petrography and petrographic methods. McMillin.

115. ADVANCED STRUCTURAL GEOLOGY.
   Credit, 3 semester hours. Two lectures and one three-hour laboratory. Given in 1953-54.
   Detailed examination of the structural features of the earth and the study of the causes of crustal deformation.

116. PRINCIPLES OF STRATIGRAPHY.
   Credit, 3 semester hours. Two lectures and one three-hour laboratory. Given in 1953-54.
   A study of rock strata, the conditions of their deposition, their character, age, and distribution.

138. METAMORPHISM.
   Credit, 3 semester hours. Prerequisite, twelve hours of geology. Field trips are required. Offered in alternate years. Given in 1953-54.
   Problems of local and regional metamorphism are discussed. Emphasis on typical areas of the Northwest. McMillin.

141, 142. PALEONTOLOGY OF THE INVERTEBRATES.
   Credit, 3 semester hours each semester. Prerequisite, Course 2. Field trips required. Offered in alternate years. Given in 1952-53.
   The principles of palaeontology and a systematic study of fossils.

160. ADVANCED FIELD GEOLOGY.
   Credit, 5 semester hours. Prerequisite, Courses 52 and 116. Required of all majors. Summer Session.
   Five-week course given at a summer field camp. Field methods, plane table mapping, geologic mapping, collection and detail study of the material entering into a complete structural investigation of an area. Upon completion of field work, the student prepares a comprehensive report on the geology of the area studied. McMillin.
COURSES OF INSTRUCTION

181, 182. ORE MINERALS.
Credit, 3 semester hours each semester. Two lectures and one three-hour laboratory period. Given in alternate years. Offered in 1952-53.
A study of the economics of minerals and of the general principles of their physical and chemical assembling and preparation. McMillin.

185. SEDIMENTARY PETROGRAPHY.
Credit, 3 semester hours. Two lectures and one three-hour laboratory period. Given in 1953-54.
Comprehensive study of sediments, their origin and composition. McMillin.

203, 204. SEMINAR.
Credit, 2 semester hours each semester. Course may be repeated by graduate students upon recommendation of the department.
Detailed and critical study of various fields in geology. Analysis of reports and statistical data. Staff

205, 206. INDEPENDENT INVESTIGATION.
Credit, 2 semester hours each semester. Required of majors in the senior year.
A systematic study of selected areas and the preparation of an acceptable undergraduate thesis. Staff.

250. GRADUATE THESIS.
Credit, 4 to 6 semester hours.

GERMAN
Professors Tomlinson, Miller, Bachimont.
Courses 1 and 2 are not counted in the hours for a major, nor Course 1 for a minor.

1, 2. ELEMENTARY GERMAN.
Credit, 4 semester hours each semester.
This course aims primarily toward reading ability, but ability to understand and use simple German, orally and in writing, is developed. An elementary knowledge of Germany and a special interest in the life and characteristics of its people are other objectives. Staff.

51, 52. INTERMEDIATE GERMAN.
Credit, 3 semester hours each semester. Prerequisite, Course 2, or two years of high school German.
Ability to read German with greater ease and enjoyment, broader knowledge of Germany, past and present, and a more liberal attitude toward her
culture is emphasized. Greater facility of expression in German, and greater interest in accurate use of English are sought. Staff.

101, 102. GERMAN LITERATURE.
Credit, 3 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1953-54.
A survey course covering the outstanding men and works of German literature from its beginnings to the present. Special attention will be given to the German eighteenth century classic and nineteenth century romantic periods; outside reading is required in these periods. Bachimont.

111, 112. SCIENTIFIC GERMAN.
Credit, 3 semester hours each semester. Prerequisite, Course 52, or approval by the department head.
Aims toward ability to read German in the student's field of special interest. Class work and conferences. Second semester includes directed reading in special fields in line with suggestion of department heads. Miller.

151, 152. ADVANCED COMPOSITION AND CONVERSATION.
Credit, 2 semester hours each semester. Required of those expecting to teach German. Offered in alternate years. Given in 1953-54.
Dictation, weekly themes, oral composition, free conversation, and grammar. Bachimont.

161. RECENT GERMAN PROSE.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
Reading in the Novellen of the last half of the nineteenth century, and introduction to German novels, short stories, and essays of the twentieth century. Bachimont.

162. GOETHE'S FAUST.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
Intensive study of the drama, Parts I and II, its problems, philosophy, sources, etc., in connection with Goethe's life. Tomlinson.

188. DEUTSCHKUNDE.
Credit, 2 semester hours. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.
Interpretation of the important cultural phases of German life and thought. A survey tracing the development of the people, spread of ideas, and growth of political institutions from early times to the present. Readings, lectures, discussions, reports. Bachimont.

199. THE TEACHING OF MODERN FOREIGN LANGUAGES.
Credit, 2 semester hours. Prerequisite, Education 155; see Education 199. Miller.
COURSES OF INSTRUCTION

201, 202. READING CONFERENCE.
Credit, 1 or 2 semester hours each semester. Admission only by approval of the head of the department.
Directed reading in fields of student's special interest in German literature. Oral reports and informal discussion. Staff.

GREEK
Professor Jaeger.

1, 2. ELEMENTARY GREEK.
Credit, 4 semester hours each semester.
Introduction to Greek through Attic prose. Study of forms and syntax. Reading of selections from Xenophon, Sophocles and Euripides.

51, 52. INTERMEDIATE GREEK.
Credit, 3 semester hours each semester.
First semester, reading of Plato's Apology, Crito and Phaedo. Second semester, reading from Homer's Iliad.

HISTORY
Professors Shelmidine, Coulter, Tomlinson.

A major in history must include Courses 1 or 2, 11, 12, 203 or 208, and additional hours to complete the total of twenty-four. The field of specialization within the major will be decided upon through consultation with the chairman of the department.

A minor in history must include Courses 1 or 2, 11, 12, and four additional hours in upper-level courses.

1, 2. SURVEY OF WORLD HISTORY.
Credit, 5 semester hours each semester.
The aim of this course is to acquaint the student with the principal aspects of man's development during the past six thousand years. European history is emphasized, but attention is also given to significant events in the history of the Western World and of Asia. Shelmidine.

11, 12. HISTORY OF THE UNITED STATES.
Credit, 3 semester hours each semester.
A survey of the history of the United States from the discovery and settlement of America to the present period. Coulter.

21, 22. CONTEMPORARY HISTORY.
Credit, 2 semester hours.
Background, interpretation, and discussion of contemporary events. Sources in current literature. Recommended for teachers of social studies. Tomlinson.
COLLEGE OF PUGET SOUND

53, 54. HISTORY OF ENGLAND AND THE BRITISH EMPIRE.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.
The emphasis in this course is on British constitutional history.

57. THE HISTORY OF EARLY CHRISTIANITY.
See Religion 57.

58. HISTORY OF THE PROTESTANT CHURCH.
See Religion 58.

105, 106. HISTORY OF THE NEAR EAST.
Credit, 3 semester hours each semester.
The first semester covers the period of ancient history and concludes with the fall of the Eastern Roman Empire in 1453; the second semester traces the rise of the Ottoman Empire, the development of nationalism in the Near East, and the rise of modern states. Shelmidine.

113, 114. HISTORY OF THE FAR EAST.
Credit, 2 semester hours each semester.
A survey from the beginnings of Far Eastern cultures to modern contact with the West. The second semester will deal primarily with contemporary problems of the Far East. Tomlinson.

121, 122. THE MIDDLE AGES.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.
The first semester will cover the transit of the ancient world into the Middle Ages, and the development of its political, economic and cultural foundations. The second semester will cover from the height of the church in the thirteenth century, the question of heresy, the rise of national states to the medieval decadence in the 14th and 15th centuries. Coulter.

125, 126. THE FRENCH REVOLUTION AND NAPOLEONIC ERA.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.
Tomlinson.

129, 130. THE ECONOMIC HISTORY OF EUROPE.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.
Economic developments from the agrarian life of the middle ages, through the era of mercantilism and the industrial revolution. Coulter.
COURSES OF INSTRUCTION

137. HISTORY OF THE STATE OF WASHINGTON.
   Credit, 2 semester hours.
   A survey of the history of Washington and of the Pacific Northwest from
   the voyages of discovery to the present. Coulter.

141. THE COLONIAL PERIOD OF AMERICAN HISTORY.
   Credit, 3 semester hours. Offered in alternate years. Given
   in 1953-54.
   A study of the cultural, social, economic, and political foundations of
   American civilization. Coulter.

142. THE RISE OF AMERICAN DEMOCRACY.
   Credit, 3 semester hours. Offered in alternate years. Given
   in 1953-54.
   An intensive study of American democracy in the beginning of the
   Nineteenth Century. Coulter.

151. HISTORY OF THE UNITED STATES FROM 1865 TO 1900.
   Credit, 3 semester hours. Offered in alternate years. Given
   in 1952-53.
   A political and social history of our country in the second half of the
   Nineteenth Century. Coulter.

152. HISTORY OF THE UNITED STATES IN THE TWENTIETH
   CENTURY.
   Credit, 3 semester hours. Offered in alternate years. Given
   in 1952-53.
   A history of our country from the Progressive Period to the New Deal.
   Coulter.

163, 164. THE RECENT HISTORY OF EUROPE.
   Credit, 3 semester hours each semester. Prerequisite, History
   1 or 2, or equivalent.
   The first semester covers the history of modern Europe leading to the
   First World War. The second semester deals with the work of the League
   of Nations, the development of new national states, and causes of the Second
   World War. Shelmidine.

199. THE TEACHING OF SOCIAL STUDIES.
   Credit, 2 semester hours. Prerequisite, Education 155; see
   Education 199.
   The methods and materials for teaching social studies in the grade schools.
   Tomlinson.

203. SEMINAR IN HISTORY.
   Credit, 2 semester hours. Weekly conferences. For history
   majors only. Shelmidine, Coulter.
COLLEGE OF PUGET SOUND

205. HISTORY OF EDUCATION.
    See Education 205.

208. HISTORY AND HISTORIANS (HISTOGRAPHY).
    Credit, 2 semester hours. For majors only.

250. THESIS.
    Credit, 4 to 6 semester hours.

HOME ECONOMICS
    Professors SULLIVAN, SCHROEDER.

Students who major in home economics may earn the degree of Bachelor of Arts in Home Economics, or Bachelor of Science in Home Economics; for the former, the minor should be in art, biology, economics, English, journalism, foreign language, music, psychology, retailing, or sociology; for the latter, the minor must be in a biological or physical science. Those who wish to qualify to teach will follow the requirements stated by the education department.

The major in home economics must include Courses 1, 2, 3, 4, 51, 52, 101, 111, 131 or 133, 142, 175, and six additional upper level hours chosen to develop a concentration in the field. As part, or supplement, of courses needed to meet the general requirements of the college, these subjects from other departments are expected: Art 1, 2, Speech 1 or equivalent, choice of four semester hours from Literature courses, Journalism 1, 2, Psychology 51, Economics 1, and Sociology 104.

The following concentrations are offered for students who wish to minor in the department:

For a general minor in home economics, Courses 3, 4, 51, 52, 133 and 142;

For a minor in clothing and textiles, Courses 1, 2, 3, 4, 77, 131, 152, and 154;

For a minor in foods and nutrition, Courses 51, 52, 101, 122, and 201;

For a minor in household management and child development, Courses 101, 104, 142, 175, 176, and 201.

As preparation for home-making, non-major and non-minor students might elect Courses 3, 4, 51, 52, 53, 101, 142, 175, 176.
COURSES OF INSTRUCTION

Students in Education, fulfilling the requirements for a General Certificate and choosing Home Economics as an Area of Concentration, should complete the following courses in Home Economics: 1, 2, 3, 4, 51, 52, 101, 133, 199, and two upper-level elective hours.

1, 2. TEXTILES.
Credit, 2 semester hours each semester.
Study of natural and synthetic fibers; identification of physical and chemical characteristics and manufacturing processes of finished fabrics; field trips, reports. Some understanding of historic textiles as well as the work of modern textile designers. Two recitations. Schroeder.

3, 4. CLOTHING CONSTRUCTION.
Credit, 2 semester hours each semester.
Selection of suitable design, patterns, and materials applied to the personality and needs of the individual; emphasis on pattern analysis, sewing techniques and skills; construction work in wool, cotton, silk, or rayon. Two two-hour laboratory periods. Schroeder.

51, 52. FOODS.
Credit, 3 semester hours each semester.
Selection, preparation, and service; menu planning and meal service. One recitation, two two-hour laboratory periods. Sullivan.

53. FOOD SELECTION AND PREPARATION FOR MEN.
Credit, 2 semester hours. Offered in alternate years. Given in the fall, 1952.
Open to men interested in food preparation, meal planning and serving; aid to men who prepare their own meals or who act as managers of living groups. One recitation, one two-hour laboratory period. Sullivan.

55. MARRIAGE AND THE HOME.
See Sociology 55.

77. WEAVING.
See Occupational Therapy 77.

101. NUTRITION.
Credit, 3 semester hours.
Nutritive value of foods from the standpoint of newer scientific investigation; selection of optimal diet for health; recent trends in American dietary habits. Open to both men and women. Three recitations. Sullivan.

104. THE FAMILY.
See Sociology 104.

111. ESSENTIALS OF INTERIOR DESIGN.
See Art 111.
COLLEGE OF PUGET SOUND

112. HISTORY OF FURNITURE.
See Art 112.

114. INTERIOR DESIGN (ADVANCED).
See Art 114.

122. ADVANCED FOOD PREPARATION.
Credit, 2 semester hours. Prerequisite, Courses 51, 52.
Study of principles and techniques of demonstration; methods of preserving food with special attention to freezing. One recitation, one two-hour laboratory. Sullivan.

131. COSTUME DESIGN.
Credit, 3 semester hours. Prerequisite, Courses 1, 2, 3, 4, and Art 1, 2. Offered in alternate years. Given in 1953-54.
Study of historic costume and its relation to modern dress; application of art principles to design and selection; creative work in design and draping. Three two-hour laboratory periods. Walters.

133, 134. RELATED ART.
Credit, 3 semester hours each semester. Prerequisite, Art 1, 2.
Includes study of the practical application of art principles to home and personal use; simple home crafts with application to useful, decorative purpose. Three recitations. Schroeder.

142. CHILD DEVELOPMENT.
Credit, 3 semester hours. Prerequisite, Psychology 51.
Includes study of the growth and development of the normal preschool child; observation in nursery school. Two recitations, one three-hour observation. Sullivan.

152. ADVANCED TEXTILES.
Credit, 2 semester hours. Prerequisite, Courses 1, 2, 3, 4, 111, and 131. Offered in alternate years. Given in 1952-53.
Study of new developments in the textile field; work in the field of the student's special interest; field trips. Two recitations. Schroeder.

154. TAILORING.
Credit, 2 semester hours. Prerequisite, Courses 3, 4. Offered in alternate years. Given in 1953-54.
Principles of tailoring; planning and constructing of coats and suits. Two two-hour laboratory periods. Schroeder.

175. HOUSEHOLD MANAGEMENT.
Credit, 3 semester hours.
Social and economic principles arising in management of a home; study of expenditures of time, energy, and money; consumer education. Three recitations. Sullivan.
COURSES OF INSTRUCTION

176. HOUSEHOLD EQUIPMENT.
Credit, 2 semester hours. Offered in alternate years. Given in the spring, 1952.
Selection, arrangement, operation, and care of household equipment. One lecture and one two-hour laboratory period.

Sullivan

199. HOME ECONOMICS EDUCATION.
Credit, 2 semester hours. See Education 199.
Study of problems and methods in selecting, organizing, and presenting materials and equipment for home economics in high school. Two recitations.

Sullivan.

201, 202. READING AND CONFERENCE.
Credit and time to be arranged.
Individual study, reading, written reports, and conferences.

Sullivan.

LATIN

Professor CHAPMAN

51, 52. INTERMEDIATE LATIN.
Credit, 3 semester hours each semester.
Reading from Cicero and Vergil, and review of grammar and syntax. Open to students who have had two years of secondary school Latin.

MATHEMATICS

Professors GOMAN, CARRUTH, NELSON, SEWARD; MR. HAYNES.
A major in mathematics should include Courses 11, 12, 51, 52, and at least twelve upper-level hours.
A minor will consist of courses 11, 12, 51 and 52.
It is advised that students who wish a teaching major in mathematics take courses 11, 12, 51, 52, 111 and 112 or 131. Those who wish a teaching minor are advised to take courses 11, 12, 51 and 52 or 111.

3. COLLEGE ALGEBRA.
Credit, 3 semester hours. Given in either semester, if there is sufficient demand.
Review of elementary algebra, algebra of exponents, linear equations, elementary function theory, graphing, binomial theorem, ratio, proportion and inequalities.
Staff.

4. PLANE AND SOLID GEOMETRY.
Credit, 3 semester hours. Prerequisite, Course 11 or permission of the instructor.
Required of pre-engineering students who lack credit for high school solid
5. **ENGINEERING PROBLEMS.**

Credit, 3 semester hours.

Slide rule, uniform and non-uniform motion, derived curves in motion, forces, work, energy, power, analysis of engineering problems, specifications for computations, engineering projects, good form in engineering writing.

Staff.

6. **ENGINEERING DRAWING.**

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

Haynes.

11. **INTRODUCTION TO COLLEGE MATHEMATICS.**

Credit, 4 semester hours. Given in either semester, if there is sufficient demand.

Functions and graphs, increment notation, elementary differentiation, elementary integration, trigonometric functions and logarithms.

Staff.

12. **INTRODUCTION TO COLLEGE MATHEMATICS (CONTINUED).**

Credit, 4 semester hours. Prerequisite, Course 11 with a grade of at least C, or permission of the instructor. Given in either semester if there is sufficient demand.

Analytic geometry, determinants, polar co-ordinates, elementary definite integrals, probability and elementary statistics.

Staff.

16. **MATHEMATICS OF FINANCE.**

Credit, 3 semester hours. Recommended in the business administration curriculum.

Compound interest, annuities, depreciation, and bonds.

Staff.

51. **CALCULUS.**

Credit, 5 semester hours. Prerequisite, Course 12.

Differentiation and integration, with applications.

Staff.

52. **CALCULUS (CONTINUED).**

Credit, 5 semester hours. Prerequisite, Course 51.

Various special methods of integration, indeterminate forms, infinite series, hyperbolic functions and multiple integrals.

Staff.

55. **DESCRIPTIVE GEOMETRY AND ENGINEERING DRAWING.**

Credit, 3 semester hours. Prerequisite, Courses 6, 11, 12.

Haynes.

56. **SURVEYING.**

Credit, 3 semester hours. Prerequisite, Course 11.

Staff.
COURSES OF INSTRUCTION

101. ORDINARY DIFFERENTIAL EQUATIONS.
   Credit, 3 semester hours. Prerequisite, Course 52. Staff.

102. PARTIAL DIFFERENTIAL EQUATIONS.
   Credit, 3 semester hours. Prerequisite, Course 101. Staff.

111. THEORY OF EQUATIONS AND DETERMINANTS.
   Credit, 3 semester hours. Prerequisite, Course 51 or permission of the instructor. Goman.

112. INTRODUCTION TO HIGHER ALGEBRA.
   Credit, 3 semester hours. Prerequisite, Course 52 or permission of the instructor. Goman.

121. VECTOR ANALYSIS.
   Credit, 3 semester hours. Permission of the instructor. Staff.

131. NUMBER THEORY.
   Credit, 3 semester hours. Permission of the instructor. Goman.

151, 152. ADVANCED CALCULUS.
   Credit, 3 semester hours each semester. Course 52 is prerequisite to 151, and 151 to 152. Goman.

199. THE TEACHING OF MATHEMATICS.
   Education 155; see Education 199. This course does not give mathematics credit. Goman.

201, 202. INDEPENDENT STUDY.
   Credit, 2 to 4 semester hours. Time to be arranged. Open only to qualified students. Goman.

203, 204. SEMINAR.
   Credit, 2 semester hours. Goman.
COLLEGE OF PUGET SOUND

MUSIC

Professors Jacobsen, O'Connor, Rasmussen, Vaught, Cowell, Ostransky; Miss Myles, Mrs. Smith, Mr. Taylor, Mrs. Welke.

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

The Department of Music offers courses leading to either the Bachelor of Arts degree with a major in music or the Bachelor of Music degree.

The department sponsors the following activities: The Adelphian Concert Choir of forty voices, admittance being by audition only, and limited to sophomores, juniors, and seniors except by permission of the director; The College of Puget Sound-Tacoma Symphony Orchestra, whose membership consists of college students and people from the surrounding community; the Symphonic Band, Workshop Band, Pep Band; small vocal and instrumental ensembles; the presentation of the oratorio the "Messiah" at Christmas time; faculty and student recitals.

All students who are majors or minors in music, or working towards a Bachelor of Music degree, are expected to attend a majority of the concerts (faculty, visiting artists and student) sponsored by the music department.

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

<table>
<thead>
<tr>
<th>Bachelor of Music, with Major in Cello, Organ or Violin:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Violin, or Cello, or Organ ___________________________ 32</td>
</tr>
<tr>
<td>2 lessons per week, or 2 or more hours practice per day, 4 credits per semester</td>
</tr>
<tr>
<td>Piano <strong>(1)</strong> ________________________________________ 4</td>
</tr>
<tr>
<td>1 lesson per week, 1 credit per semester</td>
</tr>
<tr>
<td>Theory 9, 10, 51, 109, 113 ____________________________ 20</td>
</tr>
<tr>
<td>Music Literature 3, 4, 171, 172 ________________________ 10</td>
</tr>
<tr>
<td>Conducting 63 and 132a ________________________________ 4</td>
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<tr>
<td>Music Electives, must include some ensembles ___________ 10</td>
</tr>
</tbody>
</table>

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**(1)** Unless waived by special examination.
## COURSES OF INSTRUCTION

<table>
<thead>
<tr>
<th>Bachelor of Music with Major in Voice:</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Voice</strong></td>
<td>32</td>
</tr>
<tr>
<td>2 lessons per week, 2 or more hours practice per day, 4 credits per semester.</td>
<td></td>
</tr>
<tr>
<td><strong>Piano</strong></td>
<td>4</td>
</tr>
<tr>
<td>1 lesson per week, 1 credit per semester</td>
<td></td>
</tr>
<tr>
<td><strong>Theory 9, 10, 51, 52, 113</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>Music Literature 3, 4, 171, 172</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Opera Workshop 174</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>The German Lied 121</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Songs of the French, Italian, and English Schools 122</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Conducting 63 and 132b</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Music electives, must include some ensembles</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bachelor of Music with Major in Theory and Composition:</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Applied Music (2)</strong></td>
<td>16</td>
</tr>
<tr>
<td>2 lessons per week, 1 or more hours practice daily, 2 credits per semester</td>
<td></td>
</tr>
<tr>
<td><strong>Theory 9, 10, 51, 52, 109, 110, 113, 114, 161, 162, 163, 164</strong></td>
<td>38</td>
</tr>
<tr>
<td><strong>Music Literature 3, 4, 171, 172</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Conducting 63 and 132a or 132b</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Ensembles</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Music Electives</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>80</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bachelor of Music with Major in Piano:</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Piano</strong></td>
<td>32</td>
</tr>
<tr>
<td>2 lessons per week, 3 or more hours practice per day, 4 credits per semester</td>
<td></td>
</tr>
<tr>
<td><strong>Theory 9, 10, 51, 52, 109, 113</strong></td>
<td>20</td>
</tr>
<tr>
<td><strong>Music Literature 3, 4, 171, 172</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Conducting 63 and 132a or 132b</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Ensembles, Piano ensemble and other ensembles</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Music Electives</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>80</td>
</tr>
</tbody>
</table>

(2) Eight credits must be taken in piano unless waived by special examination.
COLLEGE OF PUGET SOUND

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

Music Major for the Bachelor of Arts:

<table>
<thead>
<tr>
<th></th>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Music</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>1 lesson per week, 1 or more hours of practice daily, 1 credit per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Theory 1, 2 or 9, 10</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Music Literature 3, 4, 171, 172 plus 4 additional hours of Music Literature</td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Music Electives</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

Additional courses in conducting and two additional hours of upper level music literature are recommended.

Music Minor for the Bachelor of Arts:

<table>
<thead>
<tr>
<th></th>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Music</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Music Literature 3, 4</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Music Electives, including 2 upper-level hours</td>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>

Bachelor of Arts in Education with Music as the Major Subject:

<table>
<thead>
<tr>
<th></th>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Music (3)</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>1 lesson per week, 1 or more hours of practice daily, 1 credit per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Theory 1, 2 or 9, 10</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Music Literature 3, 4</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Conducting 63 and 132a and 132b</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Ensemble</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Music 165, 166</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Music 199a, 199c, 199d</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

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I. THEORY

The courses are arranged in groups under the headings of theory, history and literature, choral and ensemble courses, applied music, and public school music.

(3) At least one year of piano and one year of voice unless waived by special examination.
COURSES OF INSTRUCTION

1, 2. FIRST-YEAR THEORY.
Credit, 4 semester hours each semester. Course 1 is a pre-requisite for 2.
The rudiments of music. Basic study of notation, melody, rhythm, scales, key-signatures. A course designed for those students with little or no previous musical training.

9, 10. FIRST-YEAR THEORY.
Credit, 4 semester hours each semester. Course 9 is pre-requisite for 10.
The elements of music: Studies in melody, harmony, rhythm, major and minor chords, intervals, cadences, and elementary forms. Special emphasis on sight-singing, keyboard harmony and dictation.

51, 52. SECOND-YEAR THEORY.
Credit, 4 semester hours each semester. Prerequisite, Courses 1, 2 or 9, 10.
Continuation of Theory 9, 10. Study of harmonic process through all altered chords and higher discords. Melodic and rhythmic organization for beginning composition. Introduction to counterpoint. Continuation of ear-training.

61, 62. MODERN DANCE-BAND ARRANGING.
Credit, 3 semester hours each semester. Prerequisite, Courses 1 and 2, or permission of the head of the department.
Arranging of standard popular music for large dance-band. Prerequisite, first-year theory or permission of the head of the department.

109, 110. COUNTERPOINT.
Credit, 2 semester hours each semester. Prerequisite, Courses 51, 52.
Study of technique and style of vocal music of the sixteenth century, with emphasis on Palestrina. Style of the eighteenth century, with emphasis on J. S. Bach. Practical work ranges from melody-writing through three- and four-part counterpoint.

111, 112. ADVANCED ARRANGING OF MODERN POPULAR MUSIC.
Credit, 3 semester hours each semester. Prerequisite, Courses 61, 62 or permission of the head of the department.

113, 114. FORM AND ANALYSIS.
Credit, 2 semester hours each semester.
Thorough study of formal analysis, including the phrase unit, period, two-part and three-part song forms, developed ternary forms, sonata, symphony, concerto, etc.
COLLEGE OF PUGET SOUND

151. COMPOSITION.

Credit, 2 semester hours.
A seminar. Analysis of contemporary styles, with special work in each classification, in the smaller forms, for voice, piano and other instruments.

160. ORCHESTRATION.

Credit, 2 semester hours. Prerequisite, Course 109.
A study of technique of scoring for large orchestra.

161, 162. COMPOSITION (for Bachelor of Music students majoring in Theory and Composition).

Credit, 4 semester hours each semester. Prerequisite, Course 109.

163, 164. ORCHESTRATION (for Bachelor of Music students majoring in Theory and Composition).

Credit, 3 semester hours each semester. Prerequisite, Course 109.

190. MUSIC AS THERAPY.

Credit, 3 semester hours.
(1) How the techniques of music may be manipulated or controlled for a given purpose. (2) Study of people's conditions and attitudes as envisioned for clinical treatment. (3) The knowledge available for combining (1) and (2) for application to specific ends.

201, 202. ADVANCED COMPOSITION.

Credit, 4 semester hours each semester. Prerequisite, Courses 161, 162, or permission of the head of the department.
Composition in the large forms, using contemporary techniques, for piano, voice, small or large ensemble. The student is expected to write a sonata, a symphony, a concerto, or another work of like proportions.

II. HISTORY AND LITERATURE

3, 4. INTRODUCTION TO MUSIC LITERATURE.

Credit, 2 semester hours each semester.
A non-technical study of the development of music, stressing the elements of musical understanding; study of representative compositions, with emphasis on their musical and historical significance.

103. MUSIC OF THE UNITED STATES.

Credit, 2 semester hours. Prerequisite, Courses 3, 4. Offered in alternate years. Given in 1952-53.
A study of the music composed, played, and sung in the United States, beginning with the Puritan days.
COURSES OF INSTRUCTION

104. CONTEMPORARY MUSIC.
Credit, 2 semester hours. Prerequisite, Courses 3, 4. Offered in alternate years. Given in 1952-53.
This course is primarily a study of European and South American music composed since 1875.

121. THE GERMAN LIED.
Credit, 2 semester hours.
A study through performance of the outstanding songs of Schumann, Schubert, Brahms, Wolf, etc.

122. THE FRENCH, ITALIAN AND ENGLISH SCHOOLS OF SONG LITERATURE.
Credit, 2 semester hours.

153. THE SYMPHONY.
Credit, 2 semester hours. Prerequisite, Courses 3, 4. Offered in alternate years. Given in 1952-53.
A study of symphonic literature from Haydn to Roy Harris.

154. BACH AND HANDEL.
Credit, 2 semester hours. Prerequisite, Courses 3, 4. Offered in alternate years. Given in 1952-53.
The lives and music of two Eighteenth Century contemporaries.

167. ROMANTIC MUSIC LITERATURE.
Credit, 2 semester hours. Offered in alternate years. Given in 1953-54.

168. CHAMBER MUSIC LITERATURE.
Credit, 2 semester hours. Offered in alternate years. Given in 1953-54.

171, 172. HISTORY OF MUSIC.
Credit, 3 semester hours each semester. Prerequisite, Courses 3, 4.
Primitive music and musical instruments; music of the classical, romantic, and contemporary periods. Relation of musical expression to other movements of the period.

174. OPERA WORKSHOP.
Credit, 3 semester hours.

203, 204. MUSIC PRODUCTION AND ADMINISTRATION.
Credit, 3 semester hours. Registration only by permission of the head of the music department.
COLLEGE OF PUGET SOUND

III. CONDUCTING, CHORAL AND ENSEMBLE COURSES

INSTRUMENTAL ORGANIZATIONS.
Credit, 1 semester hour each semester.
A7,A8; A57,A58; A107,A108; A157,A158. First, second, third, fourth year of accompanying.
B7,B8; B57,B58; B107,B108; B157,B158. First, second, third, fourth year of band.
O7,O8; O57,O58; O107,O108; O157,O158. First, second, third, fourth year of orchestra.
S7,S8; S57,S58; S107,S108; S157,S158. First, second, third, fourth year of small ensembles.
W7,W8; W57,W58; W107,W108; W157,W158. First, second, third, fourth year workshop band.

ADELPHIAN CONCERT CHOIR.
Credit, 2 semester hours each semester. Admission by audition only. Daily rehearsals of 50 minutes.
55,56; 105,106; 155,156; 205,206. First, second, third, or fourth year of Adelphian Concert Choir.

63. ELEMENTARY CONDUCTING.
Credit, 2 semester hours.
A study of the basic conducting movements.

101. PIANO ENSEMBLE.
Credit, 2 semester hours.

132a. ADVANCED CONDUCTING-INSTRUMENTAL.
Credit, 2 semester hours. Prerequisite, Course 63.

132b. ADVANCED CONDUCTING-VOCAL.
Credit, 2 semester hours. Prerequisite, Course 63.

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

15. FUNDAMENTAL MUSIC EXPERIENCES.
Credit, 3 semester hours. Required for teaching certificate.
A course designed to give experience in the major music activities in a
COURSES OF INSTRUCTION

public school music program and to lead to a working knowledge of music fundamentals.

165, 166. MUSIC EDUCATION.  
Credit, 2 semester hours each semester. Prerequisite, Course 15.  
Study of psychological principles applied to teaching music; skill in using pitch pipe, piano and other instruments for primary grades. Study of suitable materials and their sources. Methods and procedures for directing children in the major activities of a public school program.

199a. METHODS OF TEACHING SECONDARY SCHOOL MUSIC.  
Credit, 3 semester hours.  
Problems or organizing and administering choral and instrumental groups in junior and senior high school; materials and procedures for general music classes.

199c. METHODS OF TEACHING WIND AND PERCUSSION INSTRUMENTS.  
Credit, 2 semester hours.  
Class instruction in playing all wind instruments of the band and orchestra, with opportunity to develop a broader knowledge of available instrumental materials and methods of class teaching.

199d. METHODS OF TEACHING STRING INSTRUMENTS.  
Credit, 2 semester hours.  
Class instruction in playing all string instruments of the orchestra, with opportunity to develop a broader knowledge of available instrumental materials and methods of class teaching.

V. APPLIED MUSIC

Private. Hours to be arranged with the instructor. Credit according to the number of lessons per week and the number of practice hours per day. Use the following system of numbers in registration.

Theory: 37,38; 87,88; 137,138; 187,188; 237,238 for first, second, third, fourth, or fifth year.
Wind Instruments: 39,40; 89,90; 139,140; 189,190; 239,240 for first, second, third, fourth, or fifth year.
Voice: 41,42; 91,92; 141,142; 191,192; 241,242 for first, second, third, fourth, or fifth year.
Piano: 43,44; 93,94; 143,144; 193,194; 243,244 for first, second, third, fourth, or fifth year.
Organ: 45,46; 95,96; 145,146; 195,196; 245,246 for first, second, third, fourth, or fifth year.
String Instruments: 47,48; 97,98; 147,148; 197,198; 247,248 for first, second, third, fourth, or fifth year.
COLLEGE OF PUGET SOUND

Students may enroll for private lessons at any time. No student will be accepted for less than eight lessons unless by special arrangement with the head of the department. All fees must be paid in advance. No deduction in fees can be made for absence from lessons, but private lessons may be made up if the instructor is notified twenty-four hours in advance of the absence.

OCCUPATIONAL THERAPY AND REHABILITATION

Professor Bell; Miss Bowing.

The curriculum for students in occupational therapy is outlined in the section on vocational preparation, to which attention is also directed.

The following courses are essential supplements to the occupational therapy major, and a grade of C or better must be earned in them: Biology 61, Anatomy; 62, Physiology; and 107, 108, Kinesiology; and Psychology 151, Abnormal.

41, 42. RECREATIONAL CRAFTS.

Credit, 2 semester hours each semester.

Survey of crafts especially prepared for students in occupational therapy and recommended for students wishing to enter the fields of elementary teaching and of recreation. Bowing, Staff.

49, 50. ORIENTATION.

Credit, 1 semester hour each semester.

Orientation and history of occupational therapy. The second semester will consist of volunteer work in one of the local hospitals or workshops having a registered occupational therapist. Bell.

75. NEEDLECRAFTS.

Credit, 2 semester hours. Staff.

77. WEAVING.

Credit, 3 semester hours. Offered in both spring and fall semester.


90. LEATHER AND BASKETRY.

Credit, 2 semester hours.

Creative techniques in leather through tooling and carving. Specialized work in basketry, chair-caning, rush-seating and chip-carving. Bowing, Bell.
COURSES OF INSTRUCTION

99, 100. THEORY OF OCCUPATIONAL THERAPY.
Credit, 1 semester hour each semester.
Volunteer experience in occupational therapy departments of local hospitals. Bell.

137. WOODWORKING AND PLASTICS.
Credit, 3 semester hours.
Knowledge, use and care of hand and power tools. Creation of three or more woodworking plans. Methods of cutting, forming, shaping and joining of plastics. Bowing.

138. METALWORK AND JEWELRY.
Credit, 2 semester hours.
Creative problems in art metal. Knowledge and use of metal tools, soldering techniques and uses for copper, brass, pewter and sterling silver. Bell, Walter.

149, 150. THEORY OF OCCUPATIONAL THERAPY.
Credit, 1 semester hour each semester.
Medical terminology. Principles of occupational therapy as applied to the field of psychiatry. Bell, Walter.

159, 160. ADVANCED THEORY.
Credit, 2 semester hours each semester.
Applied theory and techniques in all disability fields correlated with Courses 197, 198. Studies of records and prescriptions for both patient and workshop. Lectures on departmental organization and management. Bowing.

180. REHABILITATION OF THE HANDICAPPED.
Credit, 2 semester hours.
Principles and practice of rehabilitation in all disability fields. Guest lecturers, field trips and motion pictures. Staff.

190. MUSIC AS THERAPY.
See Music 190.

195. NEURO-ANATOMY.
Credit, 1 semester hour. Prerequisite, Biology 61, 62. Medical Staff.

196. CLINICAL PSYCHIATRY.
Credit, 1 semester hour. Prerequisite, Biology 61, 62, O.T. 195, and Psychology 151. Medical Staff.

197, 198. CLINICAL SUBJECTS.
Credit, 2 semester hours each semester. Prerequisite, Biology 61, 62, O.T. 195, 196.
Enrollment only by permission of Director of Occupational Therapy.
Lectures to deal with general medical and surgical conditions, communicable disease, tuberculosis, cardiac conditions, neurology, cerebral palsy, poliomyelitis, visual and hearing defects, orthopedics, pediatrics.

Pierce County Medical Society.

200. CLINICAL AFFILIATION.
Credit, 24 semester hours.
Not less than twelve months of hospital internship in selected and approved medical hospitals, rehabilitation centers and community workshops. Three months will be taken in psychiatry between the junior and senior years.
Bell and Hospital Staff.

201. DIRECTED READINGS IN OCCUPATIONAL THERAPY.
Credit, 3 semester hours. Not open to undergraduates.
Open only to advanced students by permission of the head of the department.
Bell.

203, 204. SEMINAR.
Credit, 3 semester hours each semester. Not open to undergraduates.
Individual research and study in a chosen disability area. Open only by permission of the head of the department.
Bell.

PHILOSOPHY
Professors Regester, Magee.
A major should include Courses 51, 52, 63, 64, 101, and 151. In addition to the course-requirement, an examination in the senior year in a list of basic philosophic writings prescribed by the department will be expected.
A minor should include Courses 51, 52, 63, 101, and 151.
Course 1 may not be counted toward a major or minor in the department.
No course before 64 has a prerequisite.
A good knowledge of psychology and of a natural science is expected of majors and minors in the department.

1. INTRODUCTION TO RELIGION.
See Religion 1.

50. INTRODUCTION TO PHILOSOPHY.
Credit, 3 semester hours.
A course suitable for beginners in the subject and for those who desire a general cultural acquaintance with the nature and place of philosophy in human thought, its chief problems and achievements, and its significant thinkers.
Magee.
COURSES OF INSTRUCTION

51, 52. HISTORY OF PHILOSOPHY.
Credit, 3 semester hours each semester.
The history of man's attempt to secure a rational interpretation of the
universe and of his relation to it and to his fellowmen. The first semester
covers the period from the rise of Greek Philosophy through the Middle Ages:
the second semester continues the study from the Renaissance to contem-
porary time.
Regester.

63, 64. THE PRINCIPLES OF REASONING.
Credit, 2 semester hours each semester. Course 63 is pre-
requisite to 64.
A study of the methods of inquiry which lead to reliable knowledge.
Attention is given to common fallacies, formal reasoning, inductive pro-
cedures in the natural and social sciences, semantics, and a logic of evaluation.
Magee.

101. ETHICS.
Credit, 3 semester hours.
A study is made of the chief ethical problems and systems of moral theory.
Magee.

110. SOCIAL ETHICS.
Credit, 3 semester hours. Offered in alternate years. Given
in 1953-54.
An application of the principles of ethics to modern social problems.
Students will prepare panel discussion; lectures will develop the wider ethical
implications into a coherent social philosophy.
Magee.

112. HISTORY OF ETHICS.
Credit, 2 semester hours. Prerequisite, Course 101. Offered
in alternate years. Given in 1952-53.
A study of the major contributions to ethical thinking from Socrates to
the present time. Brief attention will be given to the traditional ethics of
China and India.
Magee

124. PHILOSOPHY OF EDUCATION.
See Education 206.

136. PHILOSOPHY OF RELIGION.
See Religion 136.

151. CONTEMPORARY PHILOSOPHY.
Credit, 3 semester hours. Open only to students who have
had history of philosophy. Offered in alternate years. Given in
1952-53.
A consideration of the problems which occupy the center of interest in
present philosophical speculation and of the trend of thought in modern
philosophy. The course will deal with such contemporary systems as those
of Russell, Dewey, Bergson, and others.
Regester.
COLLEGE OF PUGET SOUND

153, 154. HISTORY OF POLITICAL AND SOCIAL PHILOSOPHY.
See Political Science 153, 154.

155. PHILOSOPHIES OF THE MODERN SOCIAL CRISIS.
Credit, 2 semester hours.
An analysis of the major philosophic contributions to an understanding of the crisis through which modern man is passing. Magee.

201, 202. READING IN PHILOSOPHY.
Credit and time to be arranged. Open only to advanced students with the approval of the instructor.
Individual study on selected topics, with reading, written reports, and conferences. Regester.

250. THESIS.
Credit, 4 to 6 semester hours.

PHYSICAL EDUCATION, HEALTH, AND RECREATION
Professors Heinrick, Bond; Mr. Bird, Mr. Thomas Lantz.

Each applicant for admission to the college is required to furnish a report of a physical examination. A form for this report is provided when an application is first received. Some health examinations are given students periodically by the college physician and staff.

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

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

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

A major in physical education for men must include Courses 61, 62, 65, 107, 108, 114, 121, 122, 145, 152, and 214.

A major in physical education for women must include Courses 6, 8 or 9, 11, 23, 24, 93, 94, 107, 108, 114, 131, 132, 137, 138, 152, 65, and 199.

Students who expect to major in physical education must complete Courses 1, 2, 17, 61, 62, and 52 or 84 in the biology de-
COURSES OF INSTRUCTION

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

A minor in physical education for men must include Courses 17, 61, 62, 65, 114, and 152. Course 214 is required for a teaching minor.

A minor in physical education for women must include Courses 6, 8 or 9, 17, 93, 94, 131, 132, 152, and two additional hours. Course 214 is required for a teaching minor.

A minor in recreation must include Recreation 43, 46, 145, and eight additional hours in at least two fields related to recreation, including sociology and psychology. The student's program should be planned in consultation with the Director of Physical Education, or a counselor whom he may suggest. Suggested recreational skills to be acquired are arts and crafts, games and sports, dancing, dramatics, music, and social recreation.

I. COURSES FOR MEN

1, 2. PHYSICAL EDUCATION—FIRST YEAR.
Credit, 1 semester hour each semester. Required of all freshmen.

This course is intended to introduce the student to a range of activities with both immediate and continued recreational interest and physical value.

13, 14. RESTRICTED PHYSICAL EDUCATION.
Credit, 1 semester hour each semester.

Corrective work involving prescribed and restricted exercises for students for whom the health examination shows need of precaution in exercise or of special corrective work.

51, 52. PHYSICAL EDUCATION—SECOND YEAR.
Credit, 1 semester hour each semester.

A student is to take part in any two of the sports listed below:
*Golf
Tennis
Volleyball
Badminton
Activities (Horseshoes, handball, and table tennis.)
Posture (required of those who need this attention.)
*Skiing
Square Dancing
COLLEGE OF PUGET SOUND

53 to 60. INTERCOLLEGIATE SPORTS PROGRAM.
Credit, 1 semester hour each semester.

The practice of an intercollegiate sport throughout its entire season by a member of a varsity squad who is eligible to participate in athletics under the regulations of the College may be substituted for one semester of the second year of physical education. Not more than one semester of the requirement may be satisfied by a single sport, nor more than three semesters by intercollegiate athletics.

For record this activity should be registered under the following numbers: 53. Football; 54. Baseball; 55. Basketball; 56. Track; 57. Skiing; 58. Golf; 60. Tennis.

61. TUMBLING AND APPARATUS.
Credit, 2 semester hours.
The techniques of tumbling and apparatus.

62. MINOR SPORTS.
Credit, 2 semester hours each semester. Prerequisite, two credits from Courses 1, 2, 51, 52.
Source materials, theory and practice in secondary school physical education activities—handball, tennis, badminton, tumbling, golf, softball, volleyball, etc.

68. SKIING.
Credit, 1 semester hour.
This course may be taken as one of the required physical education activity credits. Lessons by highly qualified instructors over a period of fifteen weeks.

101, 102. PHYSICAL EDUCATION—THIRD YEAR.
Credit, 1 semester hour each semester.
A student is to take part in two activities in which he did not participate in the second year.

115. TRAINING AIDS.
Credit, 2 semester hours.
Theory and technique of taping, massaging, and care of muscular bruises.

121, 122. MAJOR SPORTS.
Credit, 2 semester hours each semester.
Methods in teaching football and track are covered in the first semester; methods in teaching basketball and baseball, in the second.

123. METHODS OF OFFICIATING SPORTS.
Credit, 1 semester hour.
COURSES OF INSTRUCTION

199. METHODS OF TEACHING HEALTH AND PHYSICAL EDUCATION.

Credit, 2 semester hours. Prerequisite, a minor in physical education and Education 155; see Education 199.

Theory and practice in teaching physical education classes. Bird.

II. COURSES FOR WOMEN

1 to 68. ACTIVITY COURSES.

Credit, 1 semester hour each.

The purpose of these courses is to provide each student with instruction in physical skills which will contribute to a wider recreational interest and participation. Only the courses listed under this section will fulfill the general requirement of five semester hours of physical education.

1. Fall Team Sports.
2. Spring Team Sports.
3. Fall Team Sports, Advanced.
4. Spring Team Sports, Advanced.
5. Badminton and Tennis, Beginning.
7. Badminton and Archery, Beginning.
10. Archery, Advanced.
12. Modern Dance, Beginning.
33. *Golf, Beginning.
34. *Golf, Advanced.
37. *Ice Skating, Beginning.
38. *Ice Skating, Advanced.
68. *Ski Instruction.

93. FALL TEAM SPORTS.

Credit, 2 semester hours.

Theoretical and practical treatment of the technique and rules of basketball, volleyball, soccer, hockey, and speedball. Bond.

*There is a special fee for the marked courses, which are given off campus.
94. **Spring Team Sports.**  
*Credit, 2 semester hours.*  
Theoretical and practical treatment of the techniques of basketball, tumbling and softball.  
Bond.

131. **Methods of Teaching Fall Sports.**  
*Credit, 2 semester hours. Prerequisite, Course 93.*  
The techniques of teaching and officiating hockey, soccer, speedball, volleyball, and basketball.  
Bond.

132. **Methods of Teaching Spring Sports.**  
*Credit, 2 semester hours. Prerequisite, Course 94.*  
The techniques of teaching and officiating softball, basketball and recreational sports.  
Bond.

138. **Swimming.**  
*Credit, 3 semester hours. Prerequisite, Course 24. Offered in alternate years. Given in 1952-53.*  
Theoretical and practical treatment of the technique and methods of teaching swimming and diving.  
Bond.

199. **Methods in Teaching Health and Physical Education.**  
*Credit, 2 semester hours. Prerequisite, a minor in physical education and Education 152.*  
See Education 199.

### III. Courses for Men and Women

17. **Hygiene.**  
See Biology 17.

65. **Health Education in the Schools.**  
*Credit, 2 semester hours.*  
For education and recreation students.

66. **Physical Education in the Elementary School.**  
*Credit, 2 semester hours.*  
For students in education and recreation.  
Bond.

74. **Sanitation.**  
See Biology 52.

107, 108. **Kinesiology.**  
*Credit, 3 semester hours each semester. Prerequisite, Biology 61, 62.*  
The science which investigates, and attempts to analyze motions of the human body.
COURSES OF INSTRUCTION

114. FIRST AID.
   Credit, 2 semester hours.
   Those completing this course satisfactorily will receive the standard and advanced First Aid certificates issued by the Red Cross. Bond.

137. RHYTHMICS.
   Credit, 2 semester hours. Prerequisite, an activities course in rhythms or its equivalent.
   Practice in executing and teaching folk, clog and social dancing for elementary and secondary school purposes, festivals, and pageants. Bond

152. PRINCIPLES OF PHYSICAL EDUCATION.
   Credit, 3 semester hours.
   Scope of the field of physical education and its relation to modern educational theory. The philosophies of physical education and the principles on which they are based. Bird.

201. CORRECTIVE PHYSICAL EDUCATION.
   Credit, 2 semester hours. Prerequisite, Course 108. Offered in alternate years. Given in 1952-53.
   Theory and practice of corrective education for physical defects such as scoliosis, flat feet, faulty postural conditions, etc.

202. TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION.
   Credit, 2 semester hours. Offered in alternate years. Given in 1952-53.
   This course is designed to familiarize the student with various tests and measurements in the field of physical education. Special attention is given to methods of giving and scoring tests as well as the uses to be made of results obtained. An evaluation of test materials and testing programs forms an important part of the course. Bond.

214. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION.
   Credit, 3 semester hours.
   Problems of organization, administration, program, facilities, equipment, intramural and inter-school athletics in secondary schools. Heinrick.

IV. RECREATION

41, 42. RECREATIONAL CRAFTS.
   See Occupational Therapy 41,42.

43. GAMES AND GAME LEADERSHIP.
   Credit, 3 semester hours.
   Source-materials, theory and practice in leading games, dancing, story telling, singing, dramatics, recreational crafts, etc. for use in recreational programs of playgrounds, churches, camps and institutions. Bond.
COLLEGE OF PUGET SOUND

46. PLAYGROUNDS, THEIR ADMINISTRATION AND OPERATION.
    Credit, 2 semester hours.
    An intensive course in playground operation with particular emphasis on programs, administration, equipment, and supplies and playground problems. Students taking the course will be eligible for summer work with the Metropolitan Park District of Tacoma. T. Lantz.

145. COMMUNITY RECREATION, A GUIDE TO ITS ORGANIZATION AND ADMINISTRATION.
    Credit, 2 semester hours.
    A course involving teacher-pupil participation through discussion. A workshop provides opportunities for the student to study, evaluate and discuss recreation as a social force; its organization and administration are features of the course. Students are given opportunities to work part-time in the public and private agencies of the city. T. Lantz.

201, 202. INTERNSHIP IN MUNICIPAL RECREATION ADMINISTRATION.
    Credit, in amount to be arranged, up to 15 semester hours each semester.
    The internship in recreational administration is a graduate program. It involves twelve months full-time study and training in all phases of municipal recreation administration with practical experience in the program of the Tacoma School and Park Districts. T. Lantz.

PHYSICS
    Professors SEWARD, NELSON.

11, 12. ELEMENTS OF PHYSICS.
    Credit, 3 semester hours each semester.
    An elementary course designed especially for home economics, occupational therapy, music, and liberal arts students. Staff.

44. GLASS BLOWING.
    See Chemistry 44.

51, 52. GENERAL PHYSICS.
    Credit, 5 semester hours each semester. Not open to freshmen unless they have had high school physics and trigonometry.
    This course is required of all majors in a physical science (physics, chemistry, geology, mathematics) and of pre-engineering and pre-medical students. Staff.

64. PHOTOGRAPHY.
    Credit, 3 or 4 semester hours. Course 52 should precede or be taken concurrently. Offered in alternate years. Given in 1953-54. Staff.
COURSES OF INSTRUCTION

101. MECHANICS.
Credit, 4 semester hours. Prerequisite, Courses 51, 52, and Mathematics 52. (Latter may be taken concurrently.) Offered in alternate years. Given in 1953-54.

Seward.

103. ATOMIC PHYSICS.
Credit, 4 semester hours. Prerequisite, Courses 51, 52. Offered in alternate years. Given in 1953-54.

Nelson.

104. NUCLEAR PHYSICS.
Credit, 3 or 4 semester hours. Prerequisite, Courses 51, 52, and 103. Offered in alternate years. Given in 1953-54.

Staff.

135. ELECTRICITY AND MAGNETISM.
Credit, 4 semester hours. Prerequisite, Courses 51, 52, and Mathematics 52. Offered in alternate years. Given in 1952-53.

Seward.

136. LIGHT.
Credit, 4 semester hours. Prerequisite, Courses 51, 52, and Mathematics 52. Offered in alternate years. Given in 1952-53.

Seward.

142. ELECTRONICS.
Credit, 4 semester hours. Prerequisite, Courses 51, 52; Course 135 desirable. Offered in alternate years. Given in 1952-53.

Nelson.

143. BIO-PHYSICS.
Credit, 4 semester hours. Prerequisite, Courses 51, 52. Some knowledge of biology is desirable. Offered in alternate years. Given in 1952-53.

Nelson.

144. SPECTROSCOPY.
Credit, 2 to 4 semester hours. Prerequisite, 15 semester hours of physics. Offered in alternate years. Given in 1953-54.

Staff.

199. THE TEACHING OF THE PHYSICAL SCIENCES.
Credit, 2 semester hours. Prerequisite, Education 155; see Education 199. Given according to demand.

For prospective teachers of high school chemistry, physics, or general science.

Staff.

200. UNDERGRADUATE THESIS.
Credit, 2 to 4 semester hours. Time to be arranged.

Staff.

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COLLEGE OF PUGET SOUND

201, 202. INDEPENDENT STUDY.
Credit, 2 to 4 semester hours. Time to be arranged. Open only to qualified students. Staff.

203, 204. SEMINAR.
Credit, 2 semester hours either semester. Staff.

POLITICAL SCIENCE AND GOVERNMENT

Professor Tudor.

A major in political science requires Courses 1, 2, 204, and fifteen additional hours. Courses in other fields in the social science division will also be selected in order to broaden the academic background of the student and to assist him in determining the direction of his general interests. Courses in political science and related subjects may be so correlated as to provide basic ground-work for advanced training for the following professions: teaching, governmental service, politics, and law. Advanced courses in speech and composition are strongly recommended for majors.

A major in political science and public administration should be planned in consultation with the professor of political science. The major requires Courses 1, 2, 103, and fifteen additional hours in political science. Courses 153, 154 are recommended. The student should carry a minor in economics which should include Economics 1, 101 and 176. Business Administration 63, 64 and 163 are recommended. The student should offer Sociology 51 or 52 and History 152. A seminar in one of the social sciences is required.

1, 2. AMERICAN GOVERNMENT.
Credit, 3 semester hours each semester.
A general course on federal, state, and local government. Surveys basic constitutional principles and practices and examines the structure and functions of legislative, executive, administrative and judicial agencies. Tudor.

53, 54. PROBLEMS IN DEMOCRATIC LEADERSHIP.
Credit, 2 semester hours each semester.
A course designed to help the general student prepare for responsible citizenship. Study of recurrent civic problems, with group discussions and projects. Tudor.

101, 102. COMPARATIVE GOVERNMENT.
Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.
A comparative study of selected foreign governments, from both the structural and functional standpoints. Aim of course is to broaden the
COURSES OF INSTRUCTION

interest and understanding of the student by acquainting him with the political institutions and methods that differ from those of the United States. Tudor.

103. PRINCIPLES OF PUBLIC ADMINISTRATION.
   Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.
   A consideration of administrative principles and administrative practices, formation and execution of administrative policy, problems of administrative organization, and personnel problems. Tudor.

104. MUNICIPAL GOVERNMENT AND ADMINISTRATION.
   Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.
   A study of the different forms of municipal government and charters, of municipal liability, administrative structure, functions and problems. Tudor.

113. POLITICAL PARTIES AND PUBLIC OPINION.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.

114. WASHINGTON STATE AND COUNTY GOVERNMENT.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
   A course designed to inform the citizen-student about his own state and county government. Structure of government, functions, and administrative organizations; and inter-relationships of governments. Tudor.

151, 152. DEVELOPMENT OF AMERICAN CONSTITUTIONAL LAW.
   Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.
   A study of the basic principles of American constitutional government as interpreted by the Supreme Court. Briefs and discussion of selected opinions. History 11, 12 or Political Science 1, 2 are desirable background. Tudor.

153, 154. HISTORY OF POLITICAL AND SOCIAL THOUGHT.
   Credit, 3 semester hours each semester.
   A study of the major theories which have influenced mankind from the time of Plato to modern times. History 1, 2 are desirable background. Tudor.

201, 202. READINGS IN POLITICAL SCIENCE.
   Credit, 3 semester hours.
   A course to afford majors an opportunity to read selected books for the purpose of broadening their knowledge and understanding of the general field of political science and of the specific problems of government. Tudor.
204. **SEMINAR.**  
*Credit, 2 or 3 semester hours.*  
Under assignment of the instructor, the student will select a specific problem and develop it by research method.  
Tudor.

**PSYCHOLOGY**  
*Professors Peterson, Kaufman.*  

Psychology 51 is prerequisite to all other courses in the department.

Requirements for a major: Courses 51, 94 or 151, 121, 127, 135, and 136 or 161 and 162, and nine additional hours. Philosophy 50 or its equivalent is also required.

Requirements for a minor: Courses 51, 94 or 151, and nine additional hours. Philosophy 50 or its equivalent is also required.

**51. GENERAL PSYCHOLOGY.**  
*Credit, 3 semester hours. Given both semesters.*  
An introduction to basic concepts in the study of human experience and behavior as adjustments in a complex environment.  
Staff.

**94. PERSONAL AND SOCIAL ADJUSTMENT.**  
*Credit, 3 semester hours.*  
A study of conditions making for normal and healthy mental development. Consideration of prevention and correction of maladjustments which may become serious disorders.  
Peterson.

**121. CHILD PSYCHOLOGY.**  
*Credit, 2 semester hours. Offered in alternate years. Given in 1953-54.*  
Study of the development of psychological processes in the child.  
Peterson.

**122. PSYCHOLOGY OF ADOLESCENCE.**  
*Credit, 2 semester hours. Offered in alternate years. Given in 1953-54.*  
This course consists of a careful study of physical, mental, social and moral development in adolescence.  
Peterson.

**127. HISTORY OF PSYCHOLOGY.**  
*Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.*  
Study of the historical backgrounds, basic theories, and techniques of the contemporary schools of psychology.  
Peterson.
COURSES OF INSTRUCTION

129. SOCIAL PSYCHOLOGY.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
   A study of the interaction of the individual and society with emphasis on the influence of social relations in the formation of behavior patterns and in the development of personality. Peterson.

135, 136. EXPERIMENTAL PSYCHOLOGY.
   Credit, 2 semester hours each semester. Offered in alternate years. Given in 1952-53.
   Training in the methods of laboratory investigation in psychology. Peterson.

138. PSYCHOLOGY OF RELIGION.
   See Religion 138.

140. INDUSTRIAL PSYCHOLOGY.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.

141, 142. FIELD WORK IN PSYCHOLOGY.
   Credit, 2 semester hours each semester.
   A course designed to train students in examining and measuring psychological processes.

151. ABNORMAL PSYCHOLOGY.
   Credit, 3 semester hours.
   Disorders of behavior and personality studied in their relation to the normal process of adjustment. Peterson.

161, 162. PSYCHOLOGICAL TESTING.
   Credit, 2 semester hours each semester. Offered in alternate years. Given in 1953-54.
   First semester devoted to tests of intelligence; second semester to measures of aptitude, interest, and personality. Peterson.

172. THE LEARNING PROCESS.
   Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.

174. MOTIVATION AND EMOTIONS.
   Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.

178. STATISTICAL METHODS.
   See Education 178.
RELIGION

Professors Frederick, Magee, Phillips.

The department of religion seeks to aid the college in fulfilling its Christian aims in the following ways:

1. By endeavoring to make the Christian religion an integral part of the heritage of every student who enters the College of Puget Sound;

2. By guiding individuals in the development of rich religious experiences;

3. By helping students become better churchmen through the mastery of proved techniques in teaching religion in the home, in the church, and in the community.

Students who expect to enter graduate schools of religious education or theology should consult this catalogue, page 52.

Religion 1 is required of all freshmen and is a prerequisite to all other courses in the department.

The following courses meet the requirements for a major: Courses 51, 52, 57 or 58, 103, 105 or 138, 121, 128, 136 and 139.

Minor requirements are met by the following: Courses 1, 51 or 52, 105 or 138, 121 and three additional hours, one of which should be in Field Problems.

A modified major or minor may be arranged in consultation with the head of the department.

1. INTRODUCTION TO RELIGION.

Credit, 3 semester hours. Given both semesters.

The course seeks to secure an orientation to the problem of the nature of religion, an historical approach to the study of the Bible, an understanding of Jesus and His effect on civilization, and an appreciation of the place Christianity has in the life of modern man.

Staff.
COURSES OF INSTRUCTION

51. HISTORY AND LITERATURE OF THE OLD TESTAMENT.
    Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.
    A study of the history and literature of the people of Israel as found in the Old Testament from the time of Abraham to the Roman conquest of Palestine in 63 B.C. Phillips.

52. HISTORY AND LITERATURE OF THE NEW TESTAMENT.
    Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.
    A study of the growth of the New Testament, discussing date, authorship, place of writing, and purpose of each book. Special attention will be given to the influence of Paul's life and letters. Phillips.

57. THE HISTORY OF EARLY CHRISTIANITY.
    Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
    A study of the beginnings of the Christian church and of its growth through the Protestant Reformation to the 17th Century. Phillips.

58. HISTORY OF THE PROTESTANT CHURCH.
    Credit, 3 semester hours. Offered in alternate years. Given in 1552-53.

103. HISTORY OF RELIGIONS.
    Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.
    A study of man's historic religious expressions: Shinto, Hinduism, Buddhism, Taoism, Confucianism, Judaism, Mohammedanism, Christianity. Primitive religions are introduced where necessary for background. The course will deal with problems of the inter-relationship of religions in the global culture of the future. Magee.

105. WORSHIP
    Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
    Interpretation of the meaning and importance of public worship. Evaluation of the elements involved, such as prayer, music, scriptures, creed, offering, and teaching. Examination of the sources of literature of worship. Selection and combination of the materials. Part of the course will be given to a study of the classic and modern resources for personal religious devotion. Magee.
121. PRINCIPLES AND METHODS OF RELIGIOUS EDUCATION.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53. Prerequisite, Psychology 51.
A study of the teaching-learning process, and of the principles and techniques that should obtain in the teaching of religion. Frederick.

123. RELIGIOUS EDUCATION OF YOUTH AND ADULTS.
Credit, 2 semester hours. Offered as needed.
Specific application of principles of administration and method will be made to these two fields. Problems of church, home, and community will be discussed. Frederick.

128. ORGANIZATION AND ADMINISTRATION OF AGENCIES FOR CHARACTER-EDUCATION AND RELIGIOUS EDUCATION.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53.
A study of the general principles of organization and administration of these voluntary agencies; their relation to school, home, and church; their place in the total educational program. Boy and Girl Scouts, Campfire, Church, Four-H Clubs, Y.M.C.A., and Y.W.C.A. will be studied. Opportunity is given for each student to specialize in one group. Frederick.

136. PHILOSOPHY OF RELIGION.
Credit, 2 semester hours. Prerequisite, one course in Philosophy. Offered in alternate years. Given in 1953-54.
A philosophical study of the meaning of God in human experience. Deals with such issues as the knowledge of God, science and religion, the place and destiny of man, prayer, immortality, and the problem of evil. Magee.

138. PSYCHOLOGY OF RELIGION.
Credit, 3 semester hours. Offered in alternate years. Given in 1952-53. Prerequisite, Psychology 51.
A study of religious consciousness, including the following problems: the psychological method employed in the study of religion, the nature of religious experience, religious growth, conversion, belief in God, prayer, worship, mysticism, conduct control, the cult, and the therapeutic service of religion. Magee.

139. FIELD PROBLEMS.
Credit, 1 to 3 semester hours either semester. Time to be arranged.
This course is designed for students working in local churches, through the church school or young people's fellowship, or in community activities. Frederick.

170. SOCIOLOGY OF RELIGION.
See Sociology 170.

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COURSES OF INSTRUCTION

SOCIOMETRY

Professors PHILLIPS, MAGEE.

A major must include Courses 51, 52, 101, 102, 178, and either 197 or 200.

Students who wish pre-professional training in probation, parole, penological, police and social work must also take Course 104, and should choose Course 197 rather than Course 200. They are encouraged to minor in psychology and to take a year-course in biology. Sociology courses of special interest to such students are Courses 139, 145, 146, and 180.

Students who are interested in Sociology as a social science need not take Course 104, and should choose Course 200 rather than Course 197. Courses of particular interest to these students are Courses 108, 129, 150, 153, 154, and 170.

A minor must include Courses 51, 52, and nine upper-level hours.

6. INTRODUCTION TO SOCIOLOGY (Special Course for Nurses).

Credit, 3 semester hours.

A general survey of the field of society and social problems. The course is planned for nursing students and other pre-professional groups. Admission of other students is only by permission of the instructor. The course does not count toward a major or minor in the department.

PHILLIPS.

51. INTRODUCTION TO SOCIOLOGY.

Credit, 3 semester hours.

This course is concerned with the study of social institutions, social control, social conflict, and social processes generally.

52. SOCIAL PROBLEMS.

Credit, 3 semester hours. Prerequisite, Course 51.

A survey of crime, delinquency, insanity, poverty, dope-addiction, alcoholism, and other social problems.

55. MARRIAGE AND THE HOME.

Credit, 2 semester hours; not counted toward a major.

A general course on courtship, marriage, and the establishment and maintenance of a home. The biological, cultural, economic and financial, educational, religious, and social aspects of family life will be treated. Specialists will be invited by the professor in charge to act as guest lecturers on various topics.

PHILLIPS.
61. RACES AND NATIONALITIES.  
   Credit, 2 semester hours. Offered in alternate years. Given in 1953-54.  
   A study of the races and nationalities of the United States. Recommended for all students.

101, 102. FIELD WORK.  
   Credit, 2 semester hours each semester. Prerequisite Courses 51, 52 and permission of the instructor.  
   A research project in the chosen field of the student's interest. It may consist of a study of some specific social problem, a study of a social institution or supervised field work with some local social agency. Weekly consultation with instructor and a semester report.

104. THE FAMILY.  
   Credit, 3 semester hours. Prerequisite, Sociology 51.  
   The origin and functions of the family, family tensions and adjustments, family disorganization. Phillips.

108. POPULATION PROBLEMS.  
   Credit, 2 semester hours. Given as there is demand.  
   A study of world problems of population with special emphasis upon the United States. Effects of density, maldistribution, and growth; proposals for improving quality. Lawson.

129. SOCIAL PSYCHOLOGY.  
   See Psychology 129.

139. CRIMINOLOGY.  
   Credit, 3 semester hours.  
   A study of the extent and types of criminal behavior; the facts and theories regarding causes of crime; methods of crime prevention, and methods for rehabilitation of criminals. Phillips.

145. COMMUNITY RECREATION, A GUIDE TO ITS ORGANIZATION AND ADMINISTRATION.  
   See Recreation 145.

146. JUVENILE DELINQUENCY.  
   Credit, 2 semester hours.  
   A realistic study of the theories and facts about the prevalence, types, causes, results and remedies for juvenile delinquency. A study will be made of local and state conditions and of existing and needed facilities.

150. URBAN SOCIOLOGY.  
   Credit, 3 semester hours. Offered in alternate years. Given in 1953-54.  
   A study of the characteristics and controls of city and rural communities, ecology, and possible trends in social development.
COURSES OF INSTRUCTION

153, 154. HISTORY OF POLITICAL AND SOCIAL THOUGHT.
   See Political Science 153, 154.

163, 164. ADVANCED FIELD WORK.
   Credit, 2 semester hours each semester. Time to be arranged.
   A continuation of Courses 101, 102. Prerequisite, permission of the instructor.

170. SOCIOLOGY OF RELIGION.
   Credit, 3 semester hours. Offered in alternate years. Given in 1953-54. Prerequisite, Sociology 51 and 52, and Religion 1.
   A study of the characteristic ideologies and social forms precipitated by religious experience and the resultant inter-relationships of these with non-religious ideologies and social form, as for example, the economic and the political.
   Magee.

178. STATISTICAL METHODS.
   See Education 178.

180. REHABILITATION OF THE HANDICAPPED.
   See Occupational Therapy 180.

197. FIELDS OF SOCIAL WORK.
   Credit, 3 semester hours. Prerequisites, Sociology 51, 52, and one other upper-level sociology course.
   Historical background and development of social work, present problems, aims, and methods, and a study of local agencies.

199. TEACHING SOCIAL STUDIES.
   See History 199.

200. SURVEY OF SOCIAL THEORY.
   Credit, 3 semester hours. Prerequisites, Sociology 51, 52, and one other upper-level course.
   An intensive survey of important sociological theoretical systems.

204. SEMINAR.
   Credit, 2 semester hours. Time to be arranged. Open to majors or minors or to others by permission of instructor.

SPANISH

Professors FOSSUM, BACHIMONT.

For a major in Spanish, Courses 101, 102, 113, 114, 131, 132, 187 and 188 should be included. For prospective teachers, Course 199 is required.

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For a minor in Spanish, Courses 101, 102, 151, 152 are recommended.

Course 1 and 2 are not counted in the hours for a major, nor Course 1 for a minor.

1, 2. ELEMENTARY SPANISH.
Credit, 4 semester hours each semester.
Essentials of grammar, use of simple Spanish orally and in writing, reading of graded texts.

51, 52. INTERMEDIATE SPANISH.
Credit, 3 semester hours each semester. Prerequisite, Course 2 or two years of high school Spanish.
Readings from Spanish and Spanish-American writers, review of grammar, oral and written composition.

101, 102. SURVEY OF SPANISH LITERATURE.
Credit, 3 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1953-54.

131, 132. SURVEY OF SPANISH-AMERICAN LITERATURE.
Credit, 3 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.

151, 152. ADVANCED COMPOSITION AND CONVERSATION.
Credit, 2 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1953-54.
Grammar review, oral and written composition and critical study of form.

187, 188. SPANISH CIVILIZATION AND CULTURE.
Credit, 2 semester hours each semester. Prerequisite, Course 52. Offered in alternate years. Given in 1952-53.
Study of the society, politics, geography, and arts of Spain and Spanish-America.

199. THE TEACHING OF MODERN FOREIGN LANGUAGES.
Credit, 2 semester hours. Prerequisite, Education 155; see Education 199.

201, 202. READING CONFERENCE.
Credit, 1 or 2 semester hours each semester, and may be repeated once. Admission only by approval of the head of the department.
Directed reading and research, oral and written reports.

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COURSES OF INSTRUCTION

SPEECH AND DRAMATIC ART

Professor Jones; Mr. Baisinger.

Activities sponsored and supervised by the speech and drama department include The Campus Playcrafters, who produce various types of drama both at the college and outside, and The Choral Reading Group, which revives an age-old art by means of which participants and audiences realize a richer experience of the thought and poetry of great authors.

The speech and drama department as here organized comprises three main divisions:

1. Public Speaking
2. Interpretation of Literature
3. Play Production

Students who major in speech, before being recommended for a degree, will demonstrate a certain standard of platform proficiency, to be determined by the faculty of the department.

A major in speech should include Courses 1 or its equivalent, 52, 57, 58, 103 or 153, and 158. This curriculum is designed for those students who desire to secure a general background in the field of speech and drama. A minimum of 27 hours is required. Suggested minors are literature, sociology, psychology, physical education or recreation.

A minor in speech may be chosen from the following possible combinations:

1. Public speaking, which includes nine hours from Courses 1, 52, 55, and 101.
2. Interpretation, to be chosen from Courses 31 or 104, 103, 152, 153, 154, and 203;
3. Dramatic production, to be chosen from 31, 57, 58, 104, 158.

I. PUBLIC SPEAKING

1. FUNDAMENTALS OF PUBLIC SPEAKING.

Credit, 3 semester hours either semester.

A foundation course in gathering and planning materials for platform speeches. Emphasis on personal development through the preparation and delivery of oral reports and original speeches. One short speech given each week.

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52. ADVANCED PUBLIC SPEAKING.
Credit, 3 semester hours. Prerequisite, Course 1.
The ability of the student to organize and present effective platform speech is carried forward to a study of influencing beliefs, feelings and actions of different types of audiences. The emphasis is upon the persuasive factors in speech. Jones.

55. RADIO WORKSHOP.
Credit, 3 semester hours. Meets two times a week plus laboratory periods for practicing and broadcasting.
An introduction to the basic speech problems of radio acting and broadcasting. Objectives include the development of interesting and effective radio speech, an evaluation of the principal types of radio programs, and the scope and influence of modern broadcasting. Baisinger, Jones.

56. RADIO DRAMATICS.
Credit, 3 semester hours. Meets two times a week plus laboratory periods for practicing and broadcasting.
An introduction to the techniques of radio acting and directing. Principal forms of radio-drama will be studied. Students will present radio performances for workshop and over local radio stations.

59, 60. DEBATE.
Credit, 1 semester hour each semester. Battin.

63. RADIO PROBLEMS.
Credit, 1 or 2 semester hours. Time to be arranged. Admission only by approval of the instructor.
An introduction to the organization of commercial radio stations, and of the functions of their different departments. Practical laboratory work assisting staff members of Radio Station KTNT, Tacoma. Baisinger.

101. FORMS OF PUBLIC ADDRESS.
Credit, 3 semester hours. Time to be arranged. Prerequisite, Courses 1 and 52. Given as there is demand.
A practical application of the principles of persuasion to various types of audiences. Practice in writing and delivering special forms of public address. Attention is given to structure, style, and delivery. Jones.

106. RADIO PROBLEMS (ADVANCED)
Credit, 1 or 2 semester hours. Time to be arranged. Admission only by approval of the instructor.
Each student accepted is trained as an assistant to a staff member of Radio Station KTNT, Tacoma. Study includes problems of programming, news and special events, traffic, music, announcing, continuity. Baisinger.
COURSES OF INSTRUCTION

159, 160. DEBATE COACHING.
Credit, 1 semester hour each semester.
Practical experience, under supervision, in the teaching of argumentation and the coaching of debate teams. Battin.

199. THE TEACHING OF SPEECH AND DRAMATIC ART.
Credit, 2 semester hours. Offered as there is demand. Prerequisite, Education 155; see Education 199.
The content, bibliography, and methods of building high school courses in speech, dramatics, and interpretation. The study of judging public school debates, interpretative reading contests, and one-act play festivals. Jones.

II. ORAL INTERPRETATION OF LITERATURE

103. LITERARY INTERPRETATION.
Credit, 3 semester hours. Prerequisite, Course 1. Required of all majors.
Training in interpretative reading of prose and poetry. Study of principles; constant practice. The reading of different types of literature. The cultivation of imagination, emotional development, and effective performance. Jones, Baisinger.

152. ADVANCED LITERARY INTERPRETATION.
Credit, 2 or 3 semester hours. Prerequisite, Courses 1, 52, and 103.
The study of cutting plays and poetry for interpretative purposes. The students in this course will be required to prepare a program of actual readings. Great poetry, prose, and drama are studied. Public recitals in junior and senior years. Jones.

153, 154. CHORAL READING.
Credit, 3 semester hours each semester. The course may be taken more than once, but credits are limited to a total of nine.
A study and practice in the fundamentals of reading aloud together. There will be public performances at the Christmas season. The annual recital will be in the spring. Jones.

156. STORY TELLING.
Credit, 3 semester hours.
A study of the principles of effective story telling for purposes of entertainment and education. Analysis and classification of stories with reference to each period of the child’s development. The work is designed to meet the needs of playground directors, church school leaders and teachers. Jones.

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183. PROGRAM BUILDING.
Credit, 2 semester hours, either semester. For senior students who have completed Courses 52, 103 or 153. Required of all majors.
Selection, arrangement, and preparation of literature for public entertainment. Presentation of one complete program required of each student.

203. SEMINAR IN INTERPRETATION.
Credit, 2 or 3 semester hours either semester. Time to be arranged. Open to seniors and graduate students who have completed Courses 52, 103 and 153.

III. DRAMATIC ART AND PRODUCTION

31. BEGINNIGN ACTING.
Credit, 3 semester hours. Meets two times a week plus laboratory hours.
A practical course in the development of the fundamental techniques of acting with emphasis on characterization and ensemble playing. One-act plays will be presented for school and community.

54. PUPPETRY.
Credit, 3 semester hours. Meets two times a week plus laboratory hours. Offered in alternate years. Given as there is demand.
The making and manipulation of hand puppets and marionettes. Jones.

57, 58. DRAMATIC PRODUCTION.
Credit, 4 semester hours each semester. Required of all majors.
Problems and practice in acting and producing plays. The study of the organization and duties of the production staff; the background of a performance—scenery, lighting, and costuming. Jones, Baisinger.

104. ADVANCED ACTING.
Credit, 3 semester hours. Prerequisite, Courses 31 and 57.
The development of skill in the correlation of body and voice. The study of mood and suspense.

151. THEATRE WORK SHOP.
Credit, 3 semester hours. Prerequisite, Courses 57 and 58. Given as there is demand.
The problems of stagecraft, directing, and make-up are studied. The group works on the actual problems involved in major productions of the college. The relation and the responsibility of the director to the community are considered. Baisinger, Jones.
COURSES OF INSTRUCTION

158. PLAY DIRECTING.
Credit, 3 semester hours. Meets two times a week plus laboratory hours. Prerequisite, Courses 31 and 57.
A presentation of the methods and techniques of stage directing, including the building of characterizations, tempo and atmosphere. The handling of rehearsals. There will be from 25 to 35 hours of observation. A complete prompt book will be required of each student. Jones.

161. CHILDREN'S DRAMATICS.
Credit, 3 semester hours.
A course in the direction and production of plays for children, with the emphasis upon educational and recreational values of dramatics. Jones.

202. SEMINAR IN PUBLIC SPEAKING.
Credit, 2 or 3 semester hours either semester. Time to be arranged. Open to advanced students who have completed courses 1, 52, and 101. Jones.

203. SEMINAR IN INTERPRETATION.
Credit, 2 or 3 semester hours either semester. Time to be arranged. Open to advanced students who have completed courses 52, 102, and 153. Jones.

204. SEMINAR IN STAGECRAFT.
Credit, 2 or 3 semester hours either semester. Time to be arranged. Open to advanced students who have completed Courses 57, 58, and 151.
Actual directing or production of specific plays. Jones.
GENERAL INFORMATION

ACCOMMODATIONS FOR WOMEN

The young women of all departments of the college are under the supervision of the dean of women.

As far as accommodations permit, women students whose homes are not in Tacoma, are required to live in the dormitories, Anderson and Kittredge Halls or The Cottage. During these crowded years all available space has been utilized and made to care for as many students as possible. There are no longer any single rooms—in fact, there are very few double ones. Most rooms now house three or four girls, and Anderson’s former recreation hall has been converted into sleeping quarters for twenty-four freshmen. This room has a fireplace and a piano and is attractive and comfortable. All beds are single—though many of them are double-decked—and all have good springs and mattresses. Each resident has her own bed, chest of drawers, wardrobe, study desk, and chairs. Drapes and bedspreads are supplied by the college. The student brings only her blankets, towels, and personal effects.

A laundry in the basement is available for student use.

Each girl in the dormitory section at Anderson Hall has her own desk in a study hall on the main floor.

The residence halls are beautiful, modern buildings, comfortably equipped and tastefully furnished.

Prices, which vary with the location of the rooms, are stated elsewhere in the catalogue. Room rent should be paid by the semester.

All students who live in the dormitories will take their meals at the Commons in Kittredge Hall. The cost of meals is stated in the section of the catalogue dealing with fees and expenses.

Reservations for living quarters on the campus, together with an advance payment of twenty-five dollars, are to be made with the bursar. Freshmen allocations are made in the order in which applications are received. The advance payment will be refunded only if the halls do not have room for the student or if notice of a cancellation reaches the bursar by July 31.

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GENERAL INFORMATION

Four groups of women live off-campus: those who wish to live in the homes of Tacoma relatives; those who send in reservations too late to secure campus accommodations; those who, with their parents' consent, have housekeeping privileges in approved private homes; and those who work three hours a day as mothers' helpers in homes nearby in exchange for their board and room. The dean of women maintains a list of homes where such places may be secured although she cannot guarantee to have as many housekeeping quarters as may be sought. No young woman is permitted on her own responsibility to make arrangements for living off-campus. Women of the city who wish to employ college girls or to rent rooms to them consult the dean of women, who visits the homes and keeps records of the advantages offered or of the kind of work required. There is a constant demand for students in many of the best homes in the city.

The dean of women will be glad to hear from prospective students and will try to answer questions about general college problems or individual ones.

ACCOMMODATIONS FOR MEN

Todd Hall is the campus residence for men. It is a four-story building of reinforced concrete with brick facing, and is of fireproof construction throughout. The style of architecture is the modified Tudor-Gothic used in the academic buildings. It was first occupied in January, 1948, and is modern and convenient. Rooms and lounges are attractive in construction and appointments.

This hall has rooms for one or two students. There are also some dormitory-type rooms which have sleeping and dressing accommodations for six, eight, or twelve students. The students in these dormitories have special study rooms.

The rooms are furnished with single beds, good springs and mattresses, chests of drawers, wardrobes, desks, and chairs. Drapes for windows, bedspreads, blankets and sheets are supplied by the college. Towels and personal effects are all that need be brought by the student.

In the assignment of rooms, old residents have the first choice. Reservations for new residents will be made in the order in which applications are received. Application is to be made to the bursar, and must be accompanied by an advance payment of twenty-five dollars. The advance payment will be returned only if there are
not accommodations available, or if a cancellation of the reservation is made before July 31.

Men from out of town will be expected to live in Todd Hall, at least through the freshman year. After it is filled, men can be accommodated in rooms in private homes in the neighborhood of the college. The dean of men will have a list of available places.

All residents of the dormitory will take their meals at the College Commons in Kittredge Hall. The cost per semester is stated in the section of the catalogue dealing with fees and expenses.

SOCIAL REGULATIONS

The social life of the college is not subject to extensive regulation. Such rules as exist are the result of faculty and student cooperation. Their object is to insure comfort and safety and good citizenship in the college community. A copy of these regulations may be obtained from the dean of men or dean of women.

RELIGIOUS AND MORAL STANDARDS

The College of Puget Sound by the very fact of its existence stands for the conception that education involves the development of all the capacities of human nature, including the moral and religious along with the intellectual. This is avowed also in its motto: "Learning, Good Government, and the Christian Religion."

The college is mindful that its primary role is that of an institution of learning, but it conceives that this function of preserving, advancing, and disseminating truth includes furthering sound ideas in personal conduct and social relations. It accepts, further, a responsibility for the improvement of individual and social life.

The institution is, therefore, concerned that the type of life and influence in it shall be wholesome and shall promote the highest potentialities of its members both in intellect and character. It aims to be a normal part of society, with occasion for the expression and encouragement of what is best in social life, including religion. It has its religious meetings, in the planning and conduct of which students and faculty cooperate, and there is encouragement of attendance at the services of the churches of the city. It is, however, in the general spirit of the college and of its work that its religious character is to be sought more than in any specific programs or injunctions.
CAMPUS HIGHLIGHTS
of the
COLLEGE of PUGET SOUND

WINNING SONGFEST DIRECTOR
O. T. COEDS

HOMECOMING ROYALTY
KING JENNINGS AND QUEEN ELLEXSON

GRADUATION — RECORD CLASS

CAMPUS DAY CLEANUP CREW

GEOLOGY CAMP — OLYMPIC MTS.

LOGGERS WIN DIVISION PENNANT

HYMN PROGRAM FOR KNT

BOAT TRIP TO KOPACHUCK ART COLONY

PEP RALLY

ADELPHIANS CALIFORNIA BOUND
THE AIR FORCE ROTC RAISES THE FLAG

THE SOCIAL SIDE
THE ADELPHIAN CHOIR

THE PUGET SOUND SYMPHONY ORCHESTRA
CHORAL READERS

CAMPUS HEALTH SERVICE
C. P. S. ATHLETICS
GENERAL INFORMATION

PARKING OF VEHICLES
Automotive vehicles operated by students may be parked on the campus only if they display a campus-parking sticker which can be obtained without cost at the Bursar’s Office. Students will be fined $1.00 for any infringement of campus parking regulations.

ALCOHOL AND TOBACCO
The college considers the use of alcoholic beverages as wholly at variance with its efforts and prejudicial to the realization of its objects. It regards their use as sufficient ground for termination of an individual’s connection with the institution.

The use of tobacco by youths is deprecated both for hygienic and economic reasons. While the college does not seek to regulate the individual’s personal practice regarding smoking, it bars the use of tobacco in the general college buildings.

FINANCIAL AID
Financial aid for students is usually administered by the president’s office. Applications for any forms of such aid should be made to the president directly or through one of the deans of students.

Unless otherwise stated, grants of aid are made for one year only, and are renewed only upon application and by specific action.

SCHOLARSHIPS AND AWARDS
College Scholarships—The college grants a limited number of scholarships to graduates of accredited four-year high schools in the State of Washington. The purpose of these grants is to encourage scholarship and to assist worthy students of limited resources. A scholarship has a value of half the tuition fee each semester. It is tenable during the first year on the basis of the record which secured the appointment. Superior students are eligible to nomination for Howarth Scholarships in later years.

Methodist Scholarships—The Methodist Church, through the General Board of Education, offers four full-tuition scholarships to students of the College of Puget Sound who have been members of the Church for at least one year, who maintain a B average, who show promise of able leadership in the Church, and who have the personal endorsement of their local minister. These scholarships pay all tuition, fees and expenses except board and room and incidentals. Information can be secured by writing the President.
The Ida A. Davis Memorial Scholarship Fund—The will of the late Ida A. Davis established a scholarship fund for worthy men and women at the College of Puget Sound. The sum of $40,023.99 received by bequest from Miss Davis has been set aside as a perpetually endowed scholarship fund, the income from which will be used for the Ida A. Davis Scholarships at the College of Puget Sound.

The J. D. and Lillian Shotwell Scholarship—This scholarship is awarded on the basis of good character, creditable academic record, and the genuine need of the student. The value of the scholarship is $200.00.

Leonard Howarth Scholarships—The sum of $50,000 was received from the estate of the late Leonard Howarth, the income from which is to be used to assist deserving students. At present this income is distributed to advanced students who are qualified to be assistants and readers to faculty members, or library helpers. They are nominated by the heads of the academic departments in which the work is done.

The Frank W. Baker Scholarship—Worthy students are given assistance through the income from a fund given by Mrs. Jennie S. Baker in memory of her husband, Frank W. Baker.

The Margaret's Scholarship—This scholarship was established in 1944 by Mr. and Mrs. J. C. Haley of Tacoma, Washington. It is to be awarded annually to persons who are preparing for full-time Christian service, on the basis of good character, creditable academic record, and need. The value of the award is $200.00.

The Cleone Soule Scholarship—This scholarship was established in 1944 by the firm of Warren, Soule and Fairhurst of Tacoma, Washington, and is to be awarded to students of music, on the basis of good character, creditable academic record, need, and outstanding ability in music. The value of the award is $200.00.

The Marjorie Mann Scholarship Fund was established in 1945 by the Pierce County Tuberculosis League, in tribute to Mrs. Marjorie Mann, former head of the department of physical education for women, who was instrumental in organizing the department of occupational therapy in the college.

Women of Rotary Award—Seventy-five dollars is awarded by the Women of Rotary to a junior girl to apply toward the expenses of her senior year at the College of Puget Sound. The qualities upon which the award is determined are character and leadership, combined with scholarship equal to the average.
GENERAL INFORMATION

The Ladies of Kiwanis Award—Seventy-five dollars is awarded by the Ladies of Kiwanis to a junior girl to apply toward the expenses of her senior year at the College of Puget Sound. The qualities upon which the award is determined are character and leadership, combined with scholarship equal to the average.

A. A. U. W. Award—The Tacoma Branch of the American Association of University Women offers annually one hundred dollars to be awarded to a junior woman of the college who most nearly fulfills the following conditions: outstanding scholarship, wholesomeness of influence, and promise of usefulness.

A. A. U. W. Membership Award—The Washington State Division of the American Association of University Women offers annually to a senior woman who will be a resident of Washington State for the following year a one-year membership ticket in one of the Washington State Chapters of the Association.

Herman Kleiner Scholarship—This scholarship, having a value of $250.00, is awarded annually to a student who has notably exemplified and fostered the spirit of friendliness and broad human brotherhood in the student community. It was established by Morris Kleiner in honor of his son, a former student leader at the College of Puget Sound who was at the time serving in the Army Air Corps in the Pacific Area.

The Florence Ruth Todd Art Award—This Art Award has been established by a gift to the College of Puget Sound of two thousand dollars from the estate of the late Miss Florence Ruth Todd, class of '24. The annual income from this fund is awarded for the purpose of continued art study to a junior or sophomore who is adjudged by the faculty of the art department to possess superior native ability, diligence and good character.

Bethesda B. Buchanan Scholarship—In honor and recognition of the long, devoted and humanitarian services rendered by Mrs. Bethesda B. Buchanan for the general welfare of the people of the State, the Washington Tuberculosis Association established a scholarship fund in the College of Puget Sound's department of occupational therapy and rehabilitation.

The Thomas and Della Glasscock Memorial Fund—This fund was established in their memory by a son, Laird V. Glasscock, to aid needy students in Christian education.

The John A. Flynn Memorial Scholarship—This scholarship, in memory of John A. Flynn, and made possible by his wife, his friends, and employees of the Hooker Electrochemical Company,
COLLEGE OF PUGET SOUND

will from its interest each year pay to an outstanding student from a Tacoma high school one-half tuition in his freshman year at the college. The award will be made to a worthy individual who has a creative and progressive interest in the future development of the field of chemistry, who has an outstanding high school record, and who is willing to make his gift serve humanity as did John A. Flynn.

Alpha Gamma Delta Scholarship Award—This scholarship was established in 1948 by the Tacoma Alumni chapter of Alpha Gamma Delta Sorority and is to be awarded to a sophomore or junior woman of the college, who is majoring in music and who is adjudged by the faculty of the music department to possess musical ability of a high order.

The Kappa Kappa Gamma Scholarship—An award of money is offered annually to a sophomore woman student of exceptional promise by the Tacoma Alumnae of Kappa Kappa Gamma Fraternity.

Delta Delta Delta National Sorority Award—This cash award of $100.00 is given by the Tacoma alumnae of Delta Delta Delta to a junior girl showing outstanding promise in the field of sociology or psychology.

The Kappa Alpha Theta Alumnae Award—An annual monetary award of $150.00 is presented by the Tacoma Alumnae of Kappa Alpha Theta to a woman student in the college who has excelled in service, character, and scholarship.

The Dean Raymond and Margaret Powell Education Scholarship—This scholarship is awarded annually by the Head of the Education Department, Dean Raymond Powell, and his wife, Margaret, to a senior student, man or woman, who has been in residence at the College of Puget Sound for the preceding three years, who has been judged by the Department of Education to possess the qualifications and promises for successful public school teaching, who is largely self-supporting, and who demonstrates the Christian principles of living in his life.

The Ben and Slava Heuston Memorial Shakespeare Award was created in memory of Mr. and Mrs. Heuston, honoring their long and creative interest in the life and work of William Shakespeare. It is awarded each year to an outstanding student in Shakespeare selected by the English Department.

The Presser Foundation Scholarship in Music is awarded annually by the Presser Foundation of Philadelphia. It is awarded
GENERAL INFORMATION

to students of music of good character, high scholarship and excellent talent.

*The J. U. Cassel Memorial Scholarship* was founded by the Ronald Methodist Church of Seattle, in honor of the late Mr. J. U. Cassel. This fund is used to aid a deserving youth each year, preferably one studying for the ministry.

*The John Bartlett McDonald Memorial Fund* was established in memory of her son, by Mrs. Sophie A. McDonald, as an endowed fund to be used for the aid of promising students in the field of engineering. It is also used for the purchase of outstanding books in the field of pre-engineering.

**LOAN FUNDS**

*The College of Puget Sound Student Loan Foundation*—This was established in December of 1949 with an initial contribution of $5,000. It is the desire of the founders that this money be a loan fund to which various sums could be added from time to time until a total amount of $50,000 is available. The sum is to be used as a revolving loan fund to aid students who could not otherwise continue their college education.

*The Methodist Educational Fund*—A limited number of worthy students, members of the Methodist Church, may secure loans from a Student Loan Fund which is administered by the Board of Education of that church. Christian character, satisfactory scholarship, promise of usefulness, financial responsibility, and the recommendation of the church to which the applicant belongs are essential to a loan. Each borrower must sign an interest-bearing promissory note. Detailed information may be secured from the bursar's office.

*The Reeder Memorial Loan Fund*—This loan fund was established by Mrs. W. P. Goff as a memorial to her late husband, Claude A. Reeder, and son, Claude W. Reeder. It is the desire of the donor that this be a perpetual loan fund to aid worthy Christian students in their college careers.

*The William J. Wilkinson Jr. Loan Fund*—In memory of their son, Mr. and Mrs. William J. Wilkinson, Sr., established this unrestricted loan fund to aid worthy students in their college careers.

*The Rotary Club Fund*—The Rotary Club of Tacoma has established a student loan fund from which college students may borrow upon proper recommendation.
Women's Organizations Loan Funds—The Women of Rotary, Ladies of Kiwanis, Faculty Women's Club, Tacoma Branch of the American Association of University Women, Chapters B. K. and C. K. of P. E. O. of Tacoma, Sigma Kappa Alumnae, Washington State Federation of Women's Clubs, and Lillian Martin Alliance all have student loan funds from which women students in the college may borrow upon proper recommendation.

Knights of the Round Table Fund—The Knights of the Round Table have a fund from which in each year a man from the junior or senior class, on recommendation of the president of the college, may borrow for college fees.

The Knights Templars Fund—The Knights Templars of the Jurisdiction of the State of Washington will grant loans from their educational loan fund to junior and senior students in the College of Puget Sound.

The Leona M. Hickman Student Loan Fund—Administered by the Trust Department of the Peoples National Bank of Washington in Seattle, provides loans for the purpose of advanced education to young men who are residents of King County, Washington. Loans are made on the basis of need, character, scholastic record, and ability for self help.

Occupational Therapy Scholarship Loan Funds

The Hutchinson Scholarship Loan Fund was established in 1944 by Miss Lois Hutchinson of Pacific Palisades, California, and Lieutenant Commander Robert Hutchinson, as a memorial to their sister, Mrs. Ruth Thornton, in whose memory the Washington Tuberculosis Association made a generous gift toward the establishment of the department of occupational therapy and rehabilitation in the college.

The Mary H. Stiles Scholarship Fund was established in 1944 by the Kittitas County Tuberculosis League.

The Vesta L. Bush Rehabilitation Scholarship Fund was established in 1944 by the Grant County Tuberculosis Association.

The Lincoln County Tuberculosis League Fund was established in 1945 by the Lincoln County Tuberculosis League.

The Stevens County Loan Fund was established in 1945 by the Stevens County Tuberculosis League.

The San Juan County Loan Fund was established in 1945 by the San Juan County Tuberculosis League.
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The Lewis County Loan Fund was established in 1945 by the Lewis County Tuberculosis League.

The Cowlitz County Scholarship was established in 1945 by the Cowlitz County Tuberculosis League.

The Klickitat County Loan Fund was established in 1945 by the Klickitat County Tuberculosis League.

The Chelan County Loan Fund was established in 1945 by the Chelan County Tuberculosis League.

The Pearl Lehman Scholarship Fund was established in 1945 by the Clallam County Tuberculosis League.

The Douglas County Scholarship Loan Fund was established in 1945 by the Douglas County Tuberculosis League.

The Mason County Scholarship Loan Fund was established in 1945 by the Mason County Tuberculosis League.

The Pend Oreille County Scholarship Loan Fund was established in 1945 by the Pend Oreille County Tuberculosis League.

The Ruth Thornton Memorial Loan Fund was established in 1945 by the Whitman County Tuberculosis League.

The Flora Andrews Scholarship Loan Fund was established in 1945 by the Jefferson County Tuberculosis League.

STUDENT EMPLOYMENT

Many students come to the college who need to earn a part of their expenses. The city of Tacoma, by reason of its size, affords many opportunities for self-help. Although the college does not undertake to secure employment for prospective students, it can be helpful in this; and those wishing employment should write to the dean of men or dean of women, giving details of the kind of work they are fitted to do. Students who plan to earn a considerable portion of their expenses should expect to take less than the full quota of studies. A student should come provided with sufficient funds to meet initial expenses and afford some margin for emergencies.

COUNSELING SERVICES

The successful adjustment of the student in the educational program, in his material situation, in his personal life, and in his social relations are all objects of interest to the college. It is desired to help the student in the solution of any problems which confront him in his studies, in his living conditions, or in his individual or social life. The officers of the college and any members of the faculty will welcome students who come to them for counsel in meeting difficulties in any of these fields.

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Provision for educational guidance is made through designation of academic advisers. All schedules of study are reviewed by these advisers.

The dean of women is the general counsellor for women students. In all matters affecting their welfare and development they can be assured of her interest, understanding, and active efforts.

The dean of men acts as adviser for men students. In this he has the assistance of faculty advisers for each of the men's groups. Men in any of the fraternities or the independent group may expect the friendly interest and help of the group adviser in any matters which concern their academic progress or personal welfare.

MUSEUM OF NATURAL HISTORY

The Puget Sound Museum of Natural History is an administrative entity of the college under the supervision of the board of trustees and directly under the department of biology and a museum board of directors. It is maintained for the purpose of increasing and diffusing knowledge in natural history of the Pacific Northwest and to acquire, present, maintain, and study, collections of natural-history specimens and related material of the region. The museum board emphasizes the educational function of the museum, and organizes field work to secure, and catalog all material in such a way that it will be of a permanent nature. At the present time the museum has approximately 16,000 specimens of mammals, birds, reptiles, and amphibia. In addition there is a small collection of about 4,000 herbarium sheets.

The museum board has been chosen from men with long years of field-work and study. The board holds an annual meeting to consider the annual report of the museum and to re-evaluate the working policies of the museum.

BOARD OF DIRECTORS

R. Franklin Thompson A.M., B.D., Ph.D., LL.D. President of the College

Gordon D. Alcorn M.S., Ph.D. Director and Curator of Birds

W. Gerard Banks A.M. Bursar

Leo King Couch U. S. Fish and Wildlife Service (ret), Mammalogy

Stanley Gordon Jewett U. S. Fish and Wildlife Service (ret), Mammalogy and Ornithology
GENERAL INFORMATION

Murray L. Johnson B.S., M.D. Curator of Mammals
Edward A. Kitchin Ornithology
Kenneth Walker M.S. Acting Curator of Reptiles and Amphibia

COLLEGE ACTIVITIES AND ORGANIZATIONS

GENERAL ORGANIZATIONS AND ACTIVITIES

ASSOCIATED STUDENTS—The organized student body, known as the Associated Students, has general direction and charge of such college activities as intramural sports, student publications, debating and oratorical contests, glee clubs, literary, social, and certain religious activities. Direction of activities is exercised mainly through a representative body known as the Central Board, composed of the officers of the Associated Students, class representatives, an alumni member, and three faculty members.

THE ASSOCIATED WOMEN STUDENTS is the organization of the women of the college for promotion of their special programs and activities.

THE STUDENT CHRISTIAN COUNCIL, composed of representatives from each of the denominational groups on the campus and of members-at-large, plans extra-curricula religious activities on the campus and coordinates them with student participation in the youth programs of the local Tacoma Churches. Its purpose is to provide an environment in which Christian character and personality may grow naturally.

SPECIAL INTEREST GROUPS

DEPARTMENTAL CLUBS. Many of the departments have clubs which through meetings, programs, and varied activities, further in informal ways the student’s interest and progress in his favorite study. In this group are the Cercle Francaise, Geological Society, Home Economics Club, Mathematics Club, Psychology Club, La Mesa Redonda, Deutscher Verein, and the Commerce Club.

MUSICAL ORGANIZATIONS. The Adelphian Concert Choir, The Tacoma Symphony, The College of Puget Sound Bands, The Workshop Band, the Collegiate Singers, and several small vocal and instrumental ensembles, under the direction of the music department, offer opportunities for musical training, experience, and activity for all the students of the college having musical talent and inclinations. These organizations not only provide music at
COLLEGE OF PUGET SOUND

college functions, but, in addition, make many public appearances, both in Tacoma and throughout the Northwest.

A STUDENT AFFILIATE CHAPTER OF THE AMERICAN CHEMICAL SOCIETY, a national organization of professional chemists, is chartered at the College of Puget Sound. Membership in the local organization is open to students majoring in chemistry on nomination by the faculty sponsor. As the local chapter has stipulated that no candidate shall be nominated unless he or she is above freshman standing and has certain minimum grades in chemistry courses already taken, the organization is to a certain extent honorary. Members receive the publication of the national society, hold monthly meetings, and are privileged to attend the monthly meetings of the Seattle section of the national society.

CHINOOK is an outing and skiing club which enrolls both men and women who are interested in this type of sport.

THE AXEMEN is an organization of men who have won athletic awards in at least one major sport. The purpose of the club is to foster and direct the athletic interests of the college, and to create and uphold the proper ideals of sportsmanship.

THE WOMEN’S ATHLETIC ASSOCIATION is an organization of women who participate in athletics. The purpose of the organization is to foster this activity and to promote qualities of leadership, good sportsmanship, and cooperation.

KAPPA PHI is a National Methodist Girls’ Club. Its aim is: “Every Methodist woman in the university of today a leader in the church of tomorrow.” The College of Puget Sound, in obtaining the Chi Chapter, is the first non-state-supported institution in the United States to receive a chapter.

THE INTERNATIONAL RELATIONS CLUB, sponsored by the Carnegie Endowment for International Peace, is open to all students interested in world affairs.

OCCUPATIONAL THERAPY STUDENT CLUB exists to further interest in the training, and to cooperate with the Washington Occupational Therapy Association in regional activities of the profession.

A PRE-LAW CLUB AND PRE-MEDICAL CLUB (IATRO) provide association and furtherance of mutual interests for students preparing for these professions.

FUTURE TEACHERS OF AMERICA is a national organization open to all students interested in teaching.
GENERAL INFORMATION

HONOR SOCIETIES

SCHOLASTIC HONORARIES

MU SIGMA DELTA is an honorary scholastic organization of junior and senior men and women who rank in the upper ten per cent of their classes in scholarship.

OTLAIH CLUB is the women’s scholastic honorary organization. Membership is limited to senior women who have a scholastic average of B, or better.

SERVICE HONORARIES

SPURS is a national honorary organization for sophomore women, whose aim is service to the school. Active membership consists of a minimum of fifteen women chosen on the basis of scholarship and participation in activities during their freshman year.

INTERCOLLEGIATE KNIGHTS is a national honorary service organization of sophomore men, whose purpose is the promotion of interest in the various college activities. The motto of the Log Chapter is Service, Sacrifice, and Loyalty. Members are chosen at the end of their freshman year to serve as active members during the sophomore year, after which time they become honorary members.

ACTIVITIES HONORARIES

PI KAPPA DELTA is a national honor society to which intercollegiate debaters, or those having won first place in oratory, may belong.

SPECIAL SUBJECT HONORARIES

ALPHA RHO TAU AND DELTA PHI DELTA are respectively local and national honor societies for students in art.

PI GAMMA MU is a national social science fraternity. Senior students who have done superior work in social science are eligible for election to membership.

SIGMA ALPHA IOTA is a national professional music sorority for women, who are majoring or minoring in music and who have a scholastic average of B, or better. Membership is by invitation only.

PHI SIGMA, national honor society in biological study, established Alpha Phi Chapter at the College of Puget Sound in the
COLLEGE OF PUGET SOUND

spring of 1948. The society has the purpose of encouraging research in biological studies.

SINFONIA (PHI MU ALPHA) is a national men’s honorary society for music students.

SOCIAL FRATERNITIES

There are six fraternities and four sororities on the campus. These are social organizations, with membership by invitation. All groups were local until the spring of 1948, when Sigma Zeta Epsilon fraternity became a chapter of Kappa Sigma. Soon afterward Alpha Chi Nu, Delta Pi Omicron, Sigma Mu Chi, and Pi Tau Omega received charters respectively from Sigma Nu, Theta Chi, Sigma Chi, and Sigma Alpha Epsilon. The sixth fraternity is Delta Kappa Phi. The sororities are Delta Alpha Gamma, Lambda Sigma Chi, Washington Gamma of Pi Beta Phi, and Phi Zeta of Delta Delta Delta.

Inter-fraternity and inter-sorority councils composed of two representatives from each group have supervision of matters of common interest to the social groups.

The Independents is the social organization of students who do not belong to Greek-letter organizations.

COLLEGE PUBLICATIONS

THE COLLEGE BULLETIN—This publication is issued quarterly and furnishes information concerning the college, its activities, development, and plans. One number each year is the college catalogue.

THE COLOR POST—This is the official publication of the Alumni Association. It appears twice a semester.

OCASSIONAL PAPERS—These are publications presenting the results of research conducted by the students and staff of the department of biology. They are distributed to interested persons, high schools, colleges, and libraries.

THE TRAIL—This is the regular student publication and is issued weekly. Its editor and business manager are elected by the Associated Students.

THE TAMANAWAS—This is the College Annual, which expresses various phases of college life. It is under the management of the Associated Students, the editor and business manager being elected by them.

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GENERAL INFORMATION

ELIGIBILITY FOR STUDENT ACTIVITIES

I. In order to be eligible to represent the College of Puget Sound in any student activity, a student must:

(a) Be fully registered in the college for a minimum of 12 hours credit except as provided below in Article III.

(b) Not be on scholastic probation.

(c) Not have a total of failures on his previous record, at this or any other institution, exceeding one-fifth of his total hours passed. Any temporary grade, until cleared, shall have the same value as an F in determining eligibility. Temporary grades must be cleared not later than the sixth week of the college's next full semester unless prior to that time an extension has been granted for unusual circumstances.

(d) Have leave of absence approved by the Rules Committee and filed in the dean's office through application by the coach or manager before absence from the college required by participation.

II.

(a) Eligibility for students shall be checked at the beginning and middle of each semester. A student shall be given ten days' grace to bring up his work before being declared ineligible.

(b) A student, after having been declared eligible for any student activity, shall remain eligible, scholastically, for the remainder of the season of participation only when the season terminates within the semester.

(c) A student shall be limited to two activities unless he maintains an average of C in all of his scholastic work.

(d) All questions of eligibility come under the jurisdiction of the Rules Committee which cooperates with the dean in all matters pertaining to eligibility.

(e) Those having charge of any activity must submit to the dean at the time of the first turn-out of any activity a list of all participants, and must keep this list up-to-date. This provision applies to all activities (intercollegiate, intramural, non-competitive) and to student officers.

(f) Activities wherein students engage with representatives of other student bodies in contests of any kind or represent the college off the campus are under the jurisdiction of the Rules Committee of the faculty in cooperation with the dean.
The faculty director of any extra-mural activity must submit to the dean early in each semester a proposed schedule for the activity, with application for the approval of the plans. The application should be in duplicate and should give the schedule with (1) dates, (2) places, (3) number of students to participate, (4) financial arrangements, and (5) method of transportation, if an event is to be off the campus.

III. Students who are registered for less than 12 hours' work may take part in the musical organizations, dramatic productions, or other activities which are of an academic character and in which there is not intercollegiate competition if special permission is given by the faculty. All students who are thus permitted to participate in extracurricular activities under the sponsorship of the A.S.C.P.S. shall pay the regular associated student fee regardless of the number of hours for which they are registered.

IV. In order to be eligible to represent the College of Puget Sound in any intercollegiate activity, a student must comply with the athletic conference rules and the foregoing college requirements.

CLOSED PERIOD

The last two weeks of each semester have been designated as a closed period for all social functions and student activities in order to give the student every opportunity to review for the semester examinations.

HONORS AND PRIZES

GRADUATION HONORS

General Scholarship Honors. The highest recognitions conferred by the college on members of the student body are the honors for scholarship granted with degrees and recorded on the students' diplomas. These citations are given only to students who have distinguished themselves in their studies throughout their college course.

Departmental Honors. A student who has successfully completed a program of independent study in some subject may at graduation have entry on his diploma of honors in that subject.

SCHOLARSHIP OPPORTUNITIES

Rhodes Scholarships. Men of high scholarship in the upper
GENERAL INFORMATION

classes at the College of Puget Sound are eligible, on nomination by the college, to compete for the Cecil Rhodes Scholarships, tenable for two years at Oxford University, England, with a stipend of $2,000 each year. These scholarships are awarded on the combined bases of character, scholarship, athletics, and leadership in extracurricular activities.

Graduate Scholarships. A number of graduate scholarships and fellowships in universities are open annually to graduates of the College of Puget Sound who have been especially able students. Applications, with records and recommendations, must generally be submitted before March 1 preceding the school year of appointment.

SPECIAL RECOGNITIONS

The Todd Scholarship Trophy Cup. A large silver cup presented to the College of Puget Sound by the late President Emeritus and Mrs. Edward H. Todd has engraved upon it annually the name of the student of the college who has the highest average scholarship for the year.

Sorority Scholarship Cup. This cup is the gift of Mrs. Lyle Ford Drushel, Dean of Women. It is held by the women's social organization making the highest average in scholarship. The cup is awarded each year and becomes the permanent possession of the group winning it three successive times.

Fraternity Scholarship Cup. The men of the faculty have given a cup as a trophy to be awarded each semester to the fraternity having the highest scholarship average over 2.5. The winning fraternity holds the trophy for the succeeding semester, or until it is won by another group. The cup is to be retained as a permanent possession by any organization which wins it for three successive semesters.

The Samuel Weir Educational Trophy. This trophy was provided by Dr. Raymond L. Powell, Professor of Education, in recognition of the late Professor Samuel Weir's long service to the College of Puget Sound and to the cause of education in the State of Washington. It is a non-travelling trophy, awarded annually at Commencement to a senior, man or woman, in the teacher-education curriculum who (1) has been at the College of Puget Sound for at least two years and who is in the last semester of the four-year program; (2) has a cumulative grade-point average of 3.0 or higher; and (3) gives best promise in the judgment
of the Education Department faculty of being a successful teacher and a credit to the profession as judged by professional attitudes and attainment, leadership qualities, personality and temperament, personal habits and character, and student teaching.

_The Mahncke & Co. Trophy_. A cup has been given by Mahncke & Co., of Tacoma, as a varsity football scholarship trophy. The name of the varsity football man standing highest in scholarship the first semester of each year is engraved on this cup.

_The American Chemical Society (Junior Affiliate) Plaque_. Furnished by the College of Puget Sound Affiliate Chapter of the American Chemical Society, it gives recognition annually to the senior major in chemistry who has made the highest scholastic record in the subject during his college course.

_The Amphictyon Society Daffodil Cup_. Provided by the Amphictyon Literary Society at the time it was disbanded, this cup is awarded annually to the senior voted by the members of his class to have been its most useful and valuable member.

_The Johnson-Cox Trophy_. A beautiful bronze model of Victory has been given as a trophy by the Johnson-Cox Printing Company, of Tacoma. The name of the football man selected by his team mates as having given the most in inspiration during the football season is annually placed upon this trophy.

_The Basketball Inspiration Trophy_. This trophy is the gift of Dill Howell. It provides recognition each year for the member of the basketball team designated by his team mates as the most inspirational player for the season.

_The Robert Brandt Memorial Plaque_ was presented by Mr. and Mrs. B. A. Brandt in memory of their son. Each year there is entered on this plaque the name of a male student working in dramatics who is selected on the grounds of wholesome attitudes and excellence in acting.

_The Richard Summers Memorial Plaque_ was given by Mr. and Mrs. D. C. Summers in memory of their son, Richard Summers, violinist. It provides recognition each year to a student judged by the faculty of the department of music to have given the greatest inspiration to the students in the College of Puget Sound by his musical activities and performances.

_The Ray Williams Memorial Award Plaque in Geology_. This is awarded to a senior majoring in geology on the basis of scholarship, interest in geology, and service to fellow students.
GENERAL INFORMATION

The ASCPS Spirit Trophy, presented by Sigma Nu Fraternity, gives recognition annually to a person judged to have done most to promote school spirit. Selection is made by a board consisting of the Dean of Men, Dean of Women, ASCPS President, IFC President, ISC President, and Independent’s President.

The Harry Werbiskey Memorial Award. This cup was given by fraternity brothers of Sigma Zeta Epsilon, now Kappa Sigma. It is awarded annually to the man best exemplifying outstanding sportsmanship as did Harry Werbiskey.

The Chimes Memorial Cup was presented to the College of Puget Sound by the Sixth Avenue Business Men’s Club. Its purpose is two-fold: to honor the student each year whose effort, more particularly than whose accomplishment, has been the most inspirational to the other students; and, incidentally, to perpetuate the thought of the allegorical play, “Why the Chimes Rang,” which is frequently given at the college at Christmas time. The college faculty makes the selection each year in its own way, and the name of the student chosen is engraved upon the cup.

The Oxholm Trophy is a bowl presented by the late Mr. Axel Oxholm. It is awarded each year to a student group, in recognition of service to the college during that period.

The Charles McNary Award gives annual recognition to a promising senior student in business administration. A business briefcase is awarded by Mr. McNary, and the name of the recipient is entered on a cup which remains in the possession of the college.

PRIZES

Burmeister Oratory Prizes. The sum of $30.00 is given annually by Attorney A. O. Burmeister, of Tacoma, to support an oratorical contest. The contestants must write a 1000-1500 word oration, which is submitted to a faculty committee chosen by the Department of Speech. The best six orations are presented in open forum by the respective contestants before a set of outside judges. Those who win first place in the men’s and women’s divisions are given a cash prize of $10.00 each; those who win second place in their divisions are given cash prizes of $5.00.

Frank S. Baker Writing Contest. To winners of an annual contest in short story or play writing, prizes of $10.00 and $5.00 are offered by Frank S. Baker.

The Myra E. Dupertuis Prize. This prize was established by
Samuel Dupertuis, a graduate of the College of Puget Sound in the class of 1914, and former Professor of French in Boston University, in honor of his wife, Myra E. Dupertuis.

The prize consists of the income from a fund of $100.00 and is awarded to that member of the senior class in the College of Puget Sound who, having acquired his or her knowledge of French in some school in the United States and not having had the privilege of studying abroad, shows the greatest proficiency in speaking the French language, correct use of the language and good pronunciation both being considered.

THE TEACHERS' PLACEMENT BUREAU

The college maintains a teachers' placement office as a service to graduates and former students of the college. The bureau does not operate for profit and its services are not available to persons who have not been students of the college for at least two terms. The college reserves the right further to refuse service placement to any applicant. Since the clerical expenses of the office are paid by the college, its services are largely free; however, a nominal fee is charged which is used to pay for promotion and publicity. For further information about the fees and services of the Teachers' Placement Bureau see the director.
SUMMER SESSION

A summer session has regularly been a part of the college program. In the past it has chiefly served public school teachers and students who wished to make up shortages of credit. Increasingly for several years it has been an integral part of a year-round program for many students intent upon completing studies for a college degree in less than the standard four years.

Attendance in a summer, combined with correspondingly-planned regular semesters, can enable a student to advance the time of graduation by a semester. The offering of courses in the summer is being planned with attention to the needs of the regular students who have this purpose, of students graduating from high school who wish to enter college at once rather than wait until September, and of public-school teachers.

Instruction is offered in most of the usual college departments. The subjects are selected from the regular college curriculum. A student may carry three or four courses, or may in some cases take a single full-year course in concentrated form. The teaching staff is chiefly selected from the regular faculty with some visiting instructors.

Classes are open to any persons with preparation to do the work involved, but students who expect to become candidates at some time for degrees or certificates must follow the regular procedure for admission outlined earlier in the catalogue. A student from another college taking work here merely for the summer needs to bring only a statement of good standing from his college.

There will be a convocation for the granting of degrees at the end of the summer session.

The college has many advantages for summer study. The city of Tacoma, in which it is located, has a moderate and pleasant climate and it is close to the seashore, lakes, and mountains.

Along with the special opportunity for study and recreation, the college surroundings, with tennis courts, athletic field, library, and laboratories, are to be considered. In large measure, the spirit of the college is carried over into the summer school.

For further information concerning the summer classes, address THE DIRECTOR OF THE SUMMER SESSION, COLLEGE OF PUGET SOUND.
MEMORIALS AND FOUNDATIONS

See also "Scholarships" on pages 159-165.

CHARLES H. JONES MEMORIAL BUILDING—The C. H. Jones Hall, erected in loving memory of Charles H. Jones, lumberman and business administrator of Tacoma and the Northwest, by his wife, Franke M. Jones.

LEONARD HOWARTH HALL—This building was dedicated in memory of the late Leonard Howarth of Tacoma upon the award to the college by the executor, Mr. William Howarth, his brother, of a sum bequeathed to Tacoma for the good of the city. Out of this sum a portion was set aside to create an income for scholarships.

JOHN M. KITTREDGE HALL—This building was made possible through the gift of Grace H. Kittredge, in honor of her father, John M. Kittredge, for the purpose of erecting a building which would assist the young people in their educational life. It is a student union building housing the College Commons and student activities.

ALBERT SUTTON MEMORIAL QUADRANGLE—Improvements were made possible by a gift of Marie Sutton in memory of her husband, Albert Sutton, the architect who planned the grounds and developed the architecture of the first three college buildings.

THE GRIDLEY PROFESSORSHIP IN MATHEMATICS—The gift of Clinton C. and Mattie L. Gridley of Vancouver, Washington, for maintenance of a professorship in mathematics.

THE FOSTER PROFESSORSHIP IN RELIGIOUS EDUCATION—The gift of the friends of John O. Foster, long time teacher of religion in the College of Puget Sound, for maintenance of a professorship in religious education.

THE MCCORMICK PROFESSORSHIP IN ECONOMICS—Founded by Mrs. Anna E. McCormick of Tacoma, in memory of her husband, Robert Laird McCormick, LL.D., lumberman, businessman, and economist of the city of Tacoma, for maintenance of a chair in economics.

THE DAVIS PROFESSORSHIP IN HISTORY—Made possible by a subscription to the general endowment funds, by the Alumni Association of the College of Puget Sound in honor of the many years of service of Professor Walter S. Davis, a professor of history.

THE FRANK W. BAKER MEMORIAL SCHOLARSHIP FUND—Given by Mrs. Jennie S. Baker to establish a scholarship in mem-

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ory of her husband. The income from this gift is to be used for assistance of worthy students.

**THE SHERMAN E. ELLIS FOUNDATION**—Created by a gift of the First Methodist Episcopal Sunday School of South Manchester, Connecticut. The income is to be used for the purchase of books of religious education.

**THE MATTIE L. MASTERS FUND**—Established by the college in her memory. Her gift was made as a bequest and is unrestricted.

**THE MINERVA PAYNE TODD FUND**—Given by Edward H. Todd, President Emeritus of the College, in memory of his mother, Minerva Payne Todd, as unrestricted endowment.

**THE BLAINE FUND**—Given by Edward L. Blaine of Seattle, in memory of his father and mother, Rev. David E. Blaine and Catherine P. Blaine, pioneers and founders of church and school work in Seattle, to be used as unrestricted endowment.

**THE ROWLAND FUND**—Given by Dix H. Rowland of Tacoma, in memory of his mother, Harriet O. Rowland, as unrestricted endowment.

**THE WILSON FUND**—Given by George E. Wilson of Yakima, Washington, in honor of his deceased daughter, Anne Fernie Wilson, as unrestricted endowment.

**THE CHARLES H. AMES MEMORIAL FUND**—Established by Mrs. Minnie Ames to perpetuate the memory and influence of her husband in each succeeding generation of young people, to be used as unrestricted endowment.

**THE REV. JOHN T. ROBERTS MEMORIAL FUND**—Established by Mrs. Elizabeth Roberts to perpetuate the memory of her husband and to assist young people who are preparing for the ministry.

**THE LILLIAN MAIBEN CHAIR OF HOME ECONOMICS** was named in recognition of the generous gifts of Miss Maiben and her three brothers to the endowment funds of the college.

**THE RUTH THORNTON MEMORIAL REHABILITATION FUND**—Given by the Washington Tuberculosis Association in memory of Ruth Thornton, to make possible the establishment in 1944 of the department of occupational therapy and rehabilitation in the College of Puget Sound.

**THE ROBERT S. MUNN MEMORIAL FUND**—Established by Mr. and Mrs. Robert S. Munn in memory of their son, Robert S. Munn, who was killed in World War II.

**THE ALFRED LISTER MEMORIAL FUND**—The income is to be used as the board of trustees may decide.
AWARDS
GIVEN IN 1951

DEGREES

MASTER OF ARTS
Eugene Grant Falk
Donald Hugh Glenn
Ellen Marie Hoar
Alfred Griffith Jamieson
Ingrid Antonie Lien
Lester Westcott Patterson
Orin Leroy Thompson

MASTER OF SCIENCE
William Charles Bean
Oivind Gundersen
Li-Sen Liu

BACHELOR OF EDUCATION
Caleb Douglass Baldwin
Everett Francis Bedford
Earl Lester Birnel
H. P. Ross Bischoff
Laurence W. Blanchfield
Boyum Micael Bolvin
Henry Allen Brown
Rose Theresa Carbone
William Edward Chovil
Jack Wesley Cowan
Iverson Strickland Cozort
Vivian Eldora Downing
Donald Edward Ellis
Almira E. Feaster
Donald Carl Freese
Mary Louise Gee
Calvin Edgar Gentle, with honors
Albert Richard Grabenhorst
Genevieve Shaw Grant
Pauline Elizabeth Griffith
Richard Rolfe Hammond
Barton Lee Hartzell
Janet Armstrong Harvey
John Robert Heinrick
Donald Vern Henry
Charles Homer Howe, Jr.
James Alvin Hutson
Ronald Robert Jarmon
Homer Martin Johnson
Burton Downing Kreidler
Raymond Orin Langton
M. Alice LeBlanc
Donald Arden Lee
Arnold LeRoy Lenzi
Joseph Donald Mahoski, Jr.
Ernest Wayne Mann
Fales Martin
Pearl Eula Moberg
Richard Edward Mould
Henry Alvin Pond
Louis M. Raphael
William Lee Richey, Jr.
Nancy Jean Riehl
John Dexter Rieman
Robert William Ryan
Norman R. Sagen
Richard Louis Salatino
John Vernon Sharp
Clarence Joseph Shuh
Edna Helma Sick
Harold Peter Simonson
Howard Henry Snowden
AWARDS

William Donald Stewart
Robert Lawrence Terry
Donald Arthur Turya
George Wilson Whitney
Robert Monroe Wolf
Tony Zevenbergen, Jr.

BACHELOR OF ARTS

Frederick William Adler
Barbara Joy Albertson
William H. Bailey
Edward Louis Balařezo
Ernest Wesley Bates
Marian Ruth Becker
Glenn Albion Bezona, Jr.
Bruce B. Blevins
Dick Harry Bower
Patricia Hotes Bower
Bill Darr Brouillet
Marcia Jean Brown
Jack Harry Buescher
Richard Elmer Carlson
James Earle Carroll
Valentine S. Chosłowski
William Edward Chovil
Joyce Arlene Christie
Donald Delos Cole
Roberta Ruth Combs
Robert Donald Connell
Frank Costanzo
Nadine Clarey Cox
James Joseph Crews
Harvey H. de Carteret
Arville Dean Davis
Peter C. DeFotis
Catherine Rose Doherty
Jay Finley Downs
Margaret Olive Duvall
Reuben Arthur Eastwood, Jr.
Ellsworth Frederick Engebretsen
James Henry Ernst, Jr.
Doris Bremner Erickson, with honors
William E. Faraone
Richard Edward Fechko, with honors
Duane George Fleming
George Frederick Fowler
Derrill Cline Fransen
John Walter Griffith, Jr.
Emil J. Grubisa
Walter Peder Hansen
Joseph William Harris
Richard Lewis Hays
Notarae Ann Hoerr
Robert Carl Hogberg
Barbara Jean Holmberg
Russell Jerome Huggins
Bruce Gilbert Hunt
Harry Ludlow Hotchkiss
Mary Georgianna Jeklin
Earl M. Johnsen
Ernest Andrew Johnson
Homer Martin Johnson
Marvin Wesley Johnson
Charles Elmer Jorgenson
Barbara Marie Jugovich
David P. Keller
David Wayne Key, with honors
Carol May Kilgore
Mary Jane Krilich
Richard Graham Lewis
Arnold LeRoy Lenzi
Robert Arthur Macoskey, with honors
Clarence Percy Martin
Robert E. Merry, with honors
Irvin H. Miller
Charlotte Frances Murphy
Dean Berton McCoy, with honors
Gloria Anne Nelson, with honors
Nick A. Nickolas
Bonnie Jean Norman
Edmond Louis Notley
Henry Joseph Nugent, Jr.
Annette Lee Ogden
Alice Jane Palmer, with honors
Loyd Ray Percy
Gerald Eugene Perry, Jr.
Richard Leroy Price
Jack Laurence Raphael, with honors
Louis M. Raphael
William Lee Richy, Jr.
Nancy Jean Richl, with honors
William James Robertson
Katherine Adele Rogers
Harrison Walter Ryan
Reed Haak Sargent
Lavonne Irene Schuler
Norman Alfred Schut
Gordon Aller Scraggin
Glenn Arthur Seick
Jeanne E. Shugard, with honors

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COLLEGE OF PUGET SOUND

Clarence Joseph Shuh
Edna Helma Siek
Robert Bruce Smith
Donald Urban Sowa
Blythe Callahan Stanton,
with honors
Estol Archie Swan, with honors
Eldon Waldo Tamllyn,
with honors
Claudia Lea Zediker, with honors

Donald McGregor Tanner
Gustave Emmanuel Tillman
Margaret Jean Trimble
Margarethe Caroline Tuel
George Steve Victor
David Webster Wales
David Wallace Williamson,
with honors
Nancy Odell Williams

BACHELOR OF ARTS

Jack Elvin Anderson
Courtland Dwight Ball III
Robert Caleb Ball
Fred James Barnes
Muriel Francis Boston
Gordon DeWayne Broderson
James Lester Brown, Jr.
Wayne Theodore Bures
Harry Caren
Richard Anthony Chiarovano
Merlin John Corbin
Elaine Frances Crawford
Raymond A. Davidson
Vivian Carolyn Davidson
William Francis Dolan
James Clayton Driscoll
Frederick Dalton Dupille
Russell Leon Eberlein
Donald Edward Ellis
Kenneth Eugene Finrock
Albert E. Finnigan
Bernard Richard Foshaug
Donald George Foss
Barry Garland
Don Hue Gilsdorf
Clinton E. Gossard
Sigurd James Gronahl
Jack Willard Gustafson
Arvo Taisto Hamalainen
Ralph Martin Hansen
Homer Cameron Harned
Garry Lee Hersey
Clifford W. Hoff
Roy Wilfred Howard
Jack Vincent Jackson
John E. Jennings
Robert Lewis Johansen
James John Jonczyk
Stanley Roy Larsen
Sydney Elmer Lee

Ira Kenneth Light, Jr.
Curt Donald Lochow
Martin Edwin Lougee
Stanley Vernon Lowe
Donald Walter Lyle
Robin Macdonald
Sterling Edward MacDonald
Patrick J. Mailey
Joseph Bernard Manley
William Howarth Meadowcroft
Richard Lewis Milton
Donald G. Mozell
John Robert McCorry
Donald Neil McDuffee
Frank Joseph McGanney
Harry William Nicholls
Willis Joseph Noble
Donald R. O'Dell
Arthur Howard Olsen
Elsie Marie Palo, with honors
Richard Phillip Peyran
James Lowey Purvis, Jr.
Weldin Russell Read, Jr.
Christian Albert Rice, Jr.
Ralph Clarmont Rowe
William Charles Schrum
Leslie Carl Seal
Donald Wayne Semmern
Marvin Dexter Silver
Albert Grilley Slaughter
Robert Joseph Snodgrass
Paul Herbert Stolz
Raymond James Turcotte
Ray Owen Walberg
Mitchell Gilliam Washburn
Barbara Joan Webber, with honors
Ralph Wayne Wehmhoff
Paul Sam Whitcomb
Howard John Williams, Jr.
Edward Porter Young

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
AWARDS

BACHELOR OF ARTS IN ECONOMICS

Donald Thomas Adams
George Thomas Booth
Byron Clarence Brewer
B. Frank Brouillet
Harreld Saunders Fleisher

Lloyd Mack Gaddis
Richard Raymond Nelson
Wilson Guion Plummer
Cecil Romaine Reimer
H. Lynn Underwood

BACHELOR OF ARTS IN EDUCATION

Arthur Charles Adams
Barbara Mary Bell
Gordon Wilfred Berry
Joan Thompson Caillouette
Dorothea Wohlwamer Curtice
Francis Daniel Denton
Wayne Scott Doan
Lester Harlan Fasig, Jr.
Lillian Ann Finson
John Edward Friars
Ada May Gartrell
Melvin DeWane Gidley
Cordys Marie Gough
Robert Howard Gregory
Clasina Buffelen Haley
Janet Vance Hansen
Leonard Joseph Kalapus
Gustav Ernst Koch
Janet MacLean Langabeer
Mae E. Larson
Patti Ruth Lemley
Dale Erling Lien
Almon Edward Meddaugh
Anna M. Lappenbusch Moore
Florence Colleen Myers
Gertrude Elsie Myhre

Elizabeth Jean Nutting
Christina Anne Ostrom
Valla Penman
George Francis Rice, Jr.
Larry Blanchard Rodgers
Elizabeth Gail Rusk
Lenore A. Sahs
John William Schartow
John Blaine Schulz
John Ronald Stenger
Weldon E. Stilwell
William James Stocklin
Jacquelyn Lee Thurber,
with honors
Alice A. Booth Tvedt
Mark William Van Gasken
Donald Austin Van Horne
Merton Andrew Waller
Robert Lennard Wassell
Robertta Marion Westmoreland
LaVere Iola Wilgus
Janet Marilyn Williams
Juanita Marie Wilson
Geneva Arlene Withers, with honors
Ruth Elaine Wolland
Willard Lynn Zylstra

BACHELOR OF ARTS IN HOME ECONOMICS

Delores Ann Breum
Joan Cox

Audrey Gibson Mikel
Dorothy Ann Schut
Carol Esther Swenson

BACHELOR OF ARTS IN PHYSICAL EDUCATION

Lloyd Paul Blanusa
Donald Allen Danielson
Albert Richard Grabenhorst
Milton Dean Hegstrom
Lita J. Johnson

Donald Arden Lee
Harold C. Lockard
Thomas Willard Medak
Roger William Ringstad
Robert William Ryan

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COLLEGE OF PUGET SOUND

BACHELOR OF ARTS IN RELIGIOUS EDUCATION
David Theodore Engebretsen

BACHELOR OF SCIENCE

Edwin E. Barnes
Eugene M. Barrentine
Robert William Bowman
Garfield Frederick Burkhardt
Virgil E. Comstock
Richard Lionel Drues
James David Fleischmann
Jay B. Fox, Jr., with honors
Walker Vance Frederick
Laurence Joseph Gabbois
Calvin Edgar Gentle, with honors
Roger Wallace Grummel, with honors
Jacqueline Lou Hodgson
Max Dale Houdek
William Jokinen
James Edward Kelly
Nadene Erylus Kensler
Robert Franklin Knudson
Alvin John Lincke
Van Lee Lowry
Coy Melvin Mobley
Donald Ellis Poage
Stanley Parker Roehl
Angelos L. Sarantinos
Beverly Jean Sinkovich
Joseph Snyder
Robert Laurence Terry
Charles Samuel Williamson

BACHELOR OF SCIENCE IN GEOLOGY

Donald V. Chovil
James Paul Dinsmore
Edward Junior Fielding
Harold Brooks Prescott
Russell W. Selles, with honors
Allen Sidney White

BACHELOR OF SCIENCE IN HOME ECONOMICS

Eunice Jean Williams

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

Dorothy Eilene Carson
Jeanette Elizabeth Creso
Milton James Fisher
Irene B. German
Betty Ostergaard
Ruth Aline Matlock Perry

BACHELOR OF MUSIC

Diane Jonas Abelson, with honors
Glen William Dunn
George Frederick Fowler
John Herbert Jones, Jr.
David T. Panman, with honors
Leonard Raver

OCCUPATIONAL THERAPY CERTIFICATE

Betty Ann Jensen
Luba Ostofichuck
Marian Taice
Gwen Jones
Rosemary Rees

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AWARDS

AWARDS AND PRIZES
1950-1951

A.A.U.W. Award - - - - - Nancy Riehl
Women of Rotary Award - - - - - Marian Swanson
Herman Kleiner Award - - - - - Calvin Frazier
Kappa Alpha Theta Cup - - - - - Delores Breum
Amphictyon Society Cup - - - - - Ralph Wehmhoff
Chimes Memorial Cup - - - - - Leonard Raver
Robert Brandt Memorial Award in Dramatics - - - Homer Johnson
Women's Dramatic Award - - - - - Nancy Riehl
Richard Summers Memorial Award in Music - - - - Leonard Raver
McNary Business Administration Award - William Howarth Meadowcroft
Sorority Cup - - - - - Delta Alpha Gamma
Oxholm Trophy - - - - - Forensics Department
Fraternity Scholarship Cup - - - - - Pi Tau Omega
Weir Educational Trophy - - - - - John D. Rieman
American Chemical Society Plaque - - - - - Edwin Barnes
Florence Ruth Todd Art Award - - - - - Robert Lowe
Dupertuis Award in French - - - - - Eldon Tamblyn
Forrest McKernan Award in Dramatics - - - Richard Crabs
Women of Kiwanis Award - - - - - Beverly Warner
A.S.C.P.S. Spirit Trophy - - - - - Larry and Lon Hoover
Delta Delta Delta Scholarship - - - - - Marie Hines
Cleone Soule Scholarship - - - - - Fred Peterson
Kappa Kappa Gamma Award - - - - - Neon Knoebel

LEONARD HOWARTH SCHOLARSHIPS

Catherine May Corum, Sociology - James Victor Parber, English
Phyllis Jean Hagemeyer, Religion - Lila Jean Pasnick, Biology
George Lee Hilton, Art - Winifred C. Scofield, Geology
Howard S. Irwin, Jr., Biology - Thomson Pethos Stanfield, Economics
Masaharu Gerald Jinguiji, Physics - Patricia Ann Stewart, Biology
Neon Emma Knoebel, Sociology - Jo Anne Boyer Watte, English
Richard Albert Lane, Dramatics - Donald Alan Wolvers, Dramatics
Patrick McDonald, History - Jo Anne Wood, Physical Education
R. Sam York, Mathematics -
### SUMMARY OF REGISTRATION
#### 1951-1952

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- Dropped during or at end of first semester: 150 men, 67 women, 217 total.
- Entered second semester: 85 men, 27 women, 112 total.

#### Second Semester

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- Net Total Day Sessions: 820 men, 454 women, 1274 total.
- Evening and Extension Classes: 183 men, 246 women, 429 total.
- Summer Session: 382 men, 374 women, 756 total.
- **TOTAL**: 1385 men, 1074 women, 2459 total.
EVERY PERSON enrolled at any time in the College of Puget Sound is automatically a member of one of the four groups called quadrants. The college has originated this organization to keep in touch with all former students and graduates, and, in fact, with all who have had any connection with the institution.

This division into four groups is based upon the fact that there are always four classes in college. Since the first four classes graduated were the first enrolled in the institution, they naturally head the four quadrants. Hence the class of '93 heads Quadrant I; the class of '94, Quadrant II; the class of '95, Quadrant III; and the class of '96, Quadrant IV.

One class in every succeeding college generation, which is four years in length, automatically belongs to one of these groups. The freshman class of the fall of 1893 automatically became class number two in Quadrant I. The one which entered in 1897 became class number three in Quadrant I. Please note the table below, which illustrates this, and which will show you in what quadrant you and your class belong.

<table>
<thead>
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COLLEGE OF PUGET SOUND

A quadrant secretary is appointed in every class as it enters college. That secretary holds office for four years. His duty is to correspond with persons in classes belonging to his quadrant. When his class graduates, he should continue as secretary of that class to correspond with his quadrant representative in the college.

Each quadrant secretary is an aid-de-camp to the executive secretary of the Alumni Association. This executive secretary is related directly to the officers of the Alumni Association and to the president of the college. Through this organization every person who has ever attended the college continues to be a member of the college community. He will receive various communications, if his address is known.

Each of the four quadrants represents some field of learning, and the academic color of that field is the official color of the quadrant.

The college is "dedicated to the promotion of Learning, Good Government, and the Christian Religion." The State of Washington, by law, incorporated the college as an institution of higher learning. Quadrant I represents this first act—law or good government. Its color is purple.

The church proceeded to organize the institution. Therefore, the second quadrant represents religion. Its color is cardinal.

The college uses science and the scientific method to accomplish its task in education. Quadrant III represents science. Its color is yellow.

Quadrant IV represents learning, or liberal arts. Its color is white. It is presumed that white contains all other colors in one brilliant blend. All fields of learning are entered in so far as funds are available to furnish equipment and faculty.

Through the above organization each matriculant, and every graduating class, has organic union with the college, and has a representative class and a quadrant officer on the campus. Truly all of those who have ever matriculated, or who ever will matriculate, are one and inseparable in organization, purpose, and spirit. Together we can keep our alma mater going forward to new heights.
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