Catalogue for 1911-1912

Announcements for 1912-1913

OF THE

University of Puget Sound

COLLEGE OF LIBERAL ARTS
SCHOOL OF EDUCATION
COLLEGE OF COMMERCE
SCHOOL OF HOME ECONOMICS
SCHOOL OF PUBLIC SPEAKING
SCHOOL OF MUSIC
SCHOOL OF ART
ACADEMY
TACOMA NORMAL AND SUMMER SCHOOL

TACOMA, WASHINGTON
## CALENDAR

### 1912

<table>
<thead>
<tr>
<th>JULY</th>
<th>AUGUST</th>
<th>SEPTEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>T</td>
</tr>
<tr>
<td><strong>..</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OCTOBER</th>
<th>NOVEMBER</th>
<th>DECEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>T</td>
</tr>
<tr>
<td><strong>..</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

### 1913

<table>
<thead>
<tr>
<th>JANUARY</th>
<th>FEBRUARY</th>
<th>MARCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>T</td>
</tr>
<tr>
<td><strong>..</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APRIL</th>
<th>MAY</th>
<th>JUNE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>T</td>
</tr>
<tr>
<td><strong>..</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JULY</th>
<th>AUGUST</th>
<th>SEPTEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>T</td>
</tr>
<tr>
<td><strong>..</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OCTOBER</th>
<th>NOVEMBER</th>
<th>DECEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>M</td>
<td>T</td>
</tr>
<tr>
<td><strong>..</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>
CALENDAR OF EVENTS—1912-1913

September 16-17—Registration for Fall Term.
September 18—Recitations begin.
September 19—Matriculation Day Address, 10:30 a. m.
September 20—Y. M. C. A. and Y. W. C. A. Reception, 8:00
October 11—Faculty Reception.
November 28—Thanksgiving Day.
December 13—Academy Declamation Contest.
December 17-19—Term Examinations.
December 20-Jan. 1—Holiday Vacation.
January 2—Registration for Winter Term.
January 3—Recitations begin.
January 30—Day of Prayer for Colleges.
February 14—Prohibition Oratorical Contest.
February 22—University Day.
March 17-19—Term Examinations.
March 20-26—Spring Vacation.
March 27—Registration for Spring Term.
March 28—Recitations begin.
April 4—Annual Program H. C. S. Literary Society.
April 10—Campus Day.
April 18—Annual Program Amphictyon Society.
April 25—Annual Program Kappa Sigma Theta Society.
April 26—Cap and Gown Day.
May 1—May Day Exercises Y. W. C. A.
May 9—Annual Program Philomathean Society.
May 16—Exercises of University Dramatic Club.
May 30—Memorial Day.
June 9—University Picnic.
June 13, 14, 16—Term Examinations.
June 15—Baccalaureate Sermon.
June 15—Address to Christian Associations.
June 16-18—Annual Exhibitions of Various Schools and Organizations.
June 17—Meeting of the Board of Trustees and Visitors.
June 17—Annual Meeting of Woman's University League.
June 18—Commencement Exercises 8:00 p. m.
June 19—Alumni Day.
June 23—Opening of Tacoma Summer Normal School.
The Corporation

OFFICERS

E. L. BLAINE, Esq., M. A...........President of the Board of Trustees
GEORGE SCOFIELD........................Vice-President
ALFRED LISTER............................Secretary
C. E. HILL.................................Treasurer

TRUSTEES

Term Expires 1912

E. S. COLLINS, Esq......................Ostrander, Wash.
J. B. HAWTHORNE, Esq......................Tacoma, Wash.
GEORGE SCOFIELD...............................Tacoma, Wash.
HON. DAVID COX..............................Walla Walla, Wash.

Term Expires 1913

E. L. BLAINE, Esq., M. A........................Seattle, Wash.
REV. ELIAS GJERDING......................Tacoma, Wash.
CLARENCE HILL, Esq.......................Tacoma, Wash.
MRS. G. W. BULLARD......................Tacoma, Wash.

Term Expires 1914

W. L. McCORMICK, Esq.........................Tacoma, Wash.
P. J. BRIX................................Astoria, Ore.
J. O. RUDINE, Esq.........................Mt. Vernon, Wash.
ALFRED LISTER................................Tacoma, Wash.
REV. U. F. HAWK, D. D.....................Coeur d'Alene, Idaho

The regular meetings are the third Tuesday, at 6.00 p. m.,
of every alternate month, beginning with October, the June meet-
ing always being on the Tuesday of Commencement Week.
OFFICIAL VISITORS

R. J. REID............................................Centralla, Wash.
E. M. HILL.............................................Seattle, Wash.
E. J. SMITH...........................................Kelso, Wash.
J. C. DORWIN........................................Port Townsend, Wash.
H. J. HARTZWELL.....................................Seattle, Wash.
R. L. SPRAGUE........................................Bismarck, Wash.
W. H. SELLECK........................................North Yakima, Wash.
W. H. H. FORSYTH....................................Spokane, Wash.
CHAS. McCAUGHEY.....................................Freewater, Wash.

EXECUTIVE COMMITTEE

E. L. BLAINE  W. L. McCORMICK  ALFRED LISTER
C. E. HILL    GEORGE SCOFIELD  THOS. E. ELLIOTT
             D. G. LeSOURD

AUDITING COMMITTEE

J. B. HAWTHORNE  W. P. HOPPING  E. A. RICH

FACULTY COMMITTEE

E. L. BLAINE  J. P. MARLATT  ALFRED LISTER
Alumni Association

Officers
1911-12

President..........................Mary LeSourd, ’04
Vice-President........................Ora Bullock, ’08
Secretary...........................Mrs. Jennie Cotter Olsan, ’04
Treasurer............................James E. Milligan, ’08
Executive Committee................The Officers

Woman’s University League

Officers
1911-12

President..........................Mrs. E. A. Rich
First Vice-President..................Mrs. H. A. Stotenburg
Second Vice-President...............Mrs. George Rounds
Third Vice-President...............Mrs. R. A. Patterson
Fourth Vice-President.............Mrs. S. M. Cogshall
Recording Secretary...............Mrs. E. A. Reddish
Corresponding Secretary..........Mrs. T. B. Scott
Faculty

**JULIUS CHRISTIAN ZELLER, M. A., D. D., D. C. L.,**

President and Professor of Economics and Sociology.

B. A., Grant University, 1893; B. O., Grant University, 1893; B. A., University of Chicago, 1904; B. D., University of Chattanooga, 1909; Professor of Philosophy and Sociology, Illinois Wesleyan University, 1905-9; President of University of Puget Sound, 1909--; D. C. L., Illinois Wesleyan University.

**WALTER SCOTT DAVIS, B. A., M. A.,**

History.

B. A., DePauw University, 1889; M. A., Cornell University, 1892; Student of History, University of Leipzig, 1892-3; Fellow in History and Political Science, University of Chicago, 1894-1896; Instructor in History, Richmond, Ind., High School, 1897-1907; Professor in History and Political Science, University of Puget Sound, 1907-.

**ARTHUR LYMAN MARSH, B. A., M. A.,**

Ancient Languages and Literature.

B. A., University of Puget Sound, 1908; Instructor in Greek and Latin, University of Puget Sound, 1905-8; Professor of Ancient Languages and Registrar, University of Puget Sound, 1908; M. A., University of Chicago, 1911-.

**FRANCIS WAYLAND HANAWALT, B. A., M. A.,**

Mathematics and Astronomy.

B. A., DePauw University, 1884; Graduate work, University of Chicago, Cornell University and Chamberlain Observatory; M. A., DePauw University, 1902; Department of Mathematics and Astronomy, Mt. Morris College, 1884-1893; Instructor of Mathematics, DePauw University, 1893-98; Professor of Mathematics and Astronomy, Iowa Wesleyan University, 1898-1903; Professor of Mathematics and Astronomy, Albion College, 1904-1908; Professor of Mathematics and Astronomy, 1908-.
MABEL RILEY MARSH, B. S., M. A.,

Biology.

B. S., University of Wisconsin, 1899; Principal, Florence, Wis., High School, 1899-1900; Supervisor of Schools, Taylor’s Falls, Minn., 1905-6; Assistant in Botany, University of Washington, 1907-8; M. A., University of Washington, 1908; Assistant Professor of Biology, University of Washington Summer School, 1908; Algologist, Puget Sound Marine Station, 1909; Professor of Biology University of Puget Sound 1908-.

THOMAS BLAKE SCOTT, B. S., LL. B.,

Political Science and Law.

Minden Normal School, Ontario, Canada, 1896; B. S., Northwestern University, 1906; Instructor of Pedagogy, Grand Prairie Seminary, Onarga, Illinois, 1906-7; Athletic Director and Financial Agent, Illinois Wesleyan University, 1907-10; LL. B., Law School of Illinois Wesleyan University, 1910; Professor of Political Science and Law, University of Puget Sound, 1910-.

ROBERT A. CUMMINS, B. S., M. A.,

Philosophy and Education.

B. S., Illinois Wesleyan University, 1909; Laboratory Assistant in Physics and Biology, Illinois Wesleyan University, 1906-9; M. A., University of Illinois, 1910; Professor of Philosophy and Education, University of Puget Sound, 1910-.

ROSE ABEL, B. A., Ph. D.,

English.

B. A., Kansas State University, 1910; College Instructor English State Agricultural College, of Iowa, 1903-6; Student at Oxford University, England, 1907-8; Ph. D., Yale University, 1910; Professor of English, University of Puget Sound, 1910-.

ALBERT BYARD WRIGHT, B. S., M. A.,

Chemistry and Physics.

B. S., Illinois Wesleyan University, 1907; Instructor in Chemistry, Illinois Wesleyan University, 1906-7; Instructor of Physics and Chemistry, Maryville, Mo., High School, 1907-8; Law School, 1908-9; M. A., Illinois Wesleyan University, 1910; Professor of Chemistry and Physics, University of Puget Sound, 1910-.
HUGO PAUL JOSEPH SELINGER, B. D., Th.M., Ph.D.,

*Modern Languages and Religious Education.*

Maturitas Gymnasium Mannheim, 1893; Graduate Student in Universities of Berlin, Munich, Paris and Heidelberg, 1893-1895; Ph. D., University of Heidelberg, 1900; B. D., Crozer Theological Seminary, 1904; Th. M., Crozer Theological Seminary, 1905; Graduate Student University of Chicago, 1907-10; Assistant Department of Sociology, University of Chicago, 1907-9; University Extension Lecturer, University of Chicago, 1908-10; University of Puget Sound, 1911-.

CELIA WARING, B. A.,

*English.*

B. S., Northwestern University, 1910; Teaching in City Schools, Kansas City, 1910-11; University of Puget Sound, 1912-.

WATT LEMUEL PRICHARD, B. S.,

*Director College of Commerce.*

B. S., Valparaiso University, 1896; Principal of Shorthand Department, Draughon's Business College, Savannah, Georgia, 1899-1900; Principal of Public Schools, Troy, Texas, 1900-3; Special Student, Harvard, 1903-4; Principal of Crowley Ridge Institute, Forrest City, Ark., 1904-5; History and Book-keeping, Wenatchee, Wash., Schools, 1905-7; University of Puget Sound, 1907-.

C. WARREN JONES,

*Stenography, Typewriting, Penmanship.*

State Normal School, Cheney, Wash.; Student Washington State College, Pullman, Wash., 1904-9; Blair Business College, Spokane, Wash.; Rose City Business College, Portland, Oregon, 1909-10; Instructor, University of Puget Sound, 1910-.

LUCY ESTABROOK NEWMAN, B.A., M.A.,

*Home Economics.*

B. A., Lincoln College, 1908; Graduate of Domestic Science and Art, Lincoln College, 1908; Teacher of Domestic Science and Art, Mansfield, Wisconsin, High School, 1908-9; M. A., Columbia University, 1910; Master's Diploma in Teaching Teachers' College, 1910; University of Puget Sound, 1910-.
Minnie A. Gale, B. S.,

Principal Junior Academy and Assistant in Home Economics.

B. S., Lincoln College, 1911; Illinois Summer Normal, 1911; Teaching in Grade Schools of Illinois two years; University of Puget Sound, 1911-.

Olive Edna Randall,

Director School of Public Speaking.

Graduate Cornell College School of Oratory; Graduate Missouri State Normal School; Teacher of Expression, Morristown Normal School, 1902-4; Denison Normal School, 1905-6; Chicago Training School for Missions, 1906-7; State Normal School, Maryville, Missouri, 1907-11; University of Puget Sound, 1911-.

Ethel J. Elliott,

Piano and Pipe Organ.

Graduate Grand Prairie Seminary Conservatory of Music, Onarga, Illinois; Peabody Conservatory, Baltimore; American Conservatory and Carruthers School of Piano, Chicago; Pupil of Sempax, Cecila Gaul, Louis Rutter, Victor Garwood, Adolph Weidig.

Walter Guernsey Reynolds, A. A. G. O.,

Voice.

Graduate Mansfield, Penn., State Normal Conservatory of Music, 1891; engaged in teaching, also organist and Choirmaster First Presbyterian and First Methodist Churches, St. Paul, 1893-1897; engaged in teaching, Chippewa Falls and Eau Claire, Wis., 1898-1900; studied with Alexandre Guilmant and Madame Calve de Piccioletto, Paris, 1900-01; Director Doane College, Nebraska, 1901-1905; Conductor St. Cecilia Club, organist and choirmaster First Congregational, First Presbyterian and First Methodist churches, also engaged in private teaching, Tacoma, 1905-1912; Admitted to New York Manuscript Society, 1908; President Northwestern Music Teachers' Association, 1910; Associate of American Guild of Organists, 1911.

Frances Bradshaw,

Teacher of Violin.

B. A., Christian College, 1905; under Henry Cox, School of Music, University of Iowa; Teacher of Violin, Ellis Conservatory of Music, Omaha, Nebraska.
Mme. Kaethe Pieczonka,

Teacher of Violincello.

Studied under Piatti, the renowned 'cellist; six years under J. Klengel in the Leipsic Conservatory; traveled in Europe with leading Symphony Orchestras.

Stella Stanley McKee, Ph.B.,

Director School of Art.

Ph. B., Western Reserve University, 1901; Graduate Toledo School of Art, 1903; Student in William Morris Society Arts and Crafts School, Columbus, Ohio, 1905; Pupil of Arthur F. Payne, 1905; Student in Design, Ohio State University; Director of Arts and Crafts School, Denison University, 1909-10; University of Puget Sound, 1911.

Edward Antoine Rich, Ph.B., M. A., M. D.,

Professorial Lecturer in Physiology.

Ph. B., Hamline University, 1897; M. D., Jefferson Medical College; F. R. O. S., Berlin, 1906; University of Puget Sound, 1909-; M. A., University of Puget Sound, 1911.

John Onesimus Foster, M. A., D. D.,

Lecturer in Bible History.


L. J. Covington, M. A., S. T. B.,

Lecturer in Applied Philanthropy.

B. A., Little Rock University, 1886; M. A., Little Rock University, 1889; S. T. B., School of Theology of Boston University, 1890; Secretary Washington Children's Home Society.

J. R. Brown, B. A., M. D.,

Lecturer in Practical Hygiene.

B. A., Augustana College, 1892; Graduate School Yale University, 1895; M. D., Northwestern University Medical School, 1899.
ALICE MAUDE SMITH, M. D.,
Lecturer in Social Hygiene.
Lynn Hospital Training School for Nurses, 1889; School of Domestic Economy and Industrial Arts, Boston, 1890; Northwestern University Medical School, Woman's Department, 1896; Graduate Work, University of Chicago, 1897.

CHRISTIAN MYERS GRUMBLING, B. A., M. A.,
Professor Emeritus of Mathematics

SAMUEL DUPERTUIS,
Instructor in French.

LYLE FORD,
Instructor in English.

ROY LAMBERT SPRAGUE,
Instructor in Mathematics.

MARIE WINSTON CONMHEY,
Instructor in Latin.

MRS. FREDERICK C. THOMPSON,
Instructor in Science.

BERNA LILE MILLER,
Assistant in English.

RALPH DAVID SIMPSON,
Assistant in English.

GLEN STANBRA,
Laboratory Assistant in Physics and Chemistry.

FRANK MILTON JONES,
Laboratory Assistant in Chemistry.

ARNOLD HILES WARREN,
Laboratory Assistant in Zoology.

GEORGE ROBERT THOMPSON,
Laboratory Assistant in Botany.

FRANK G. RILEY, Physical Director.

NELLIE FLORENCE RINEHART, Secretary to the President.
College of Liberal Arts

ADMISSION TO THE FRESHMAN CLASS

Students will be admitted to the Freshman class by certificate in the following cases:

1. Graduates of accredited high schools in the State of Washington who have pursued the requisite courses or of high schools of like grade in other States.

2. Graduates of the secondary course in a Washington State Normal or of normal schools of like grade in other States.

3. Graduates of approved academies.

Candidates who are not graduates of approved schools may pass an examination at the opening of the Fall term upon a sufficient number of subjects as indicated below.

A term of work represents a course of study pursued through twelve weeks with five recitations per week in periods of not less than forty-five minutes; two periods of laboratory work to count as one of recitation.

Candidates for admission to the Freshman class must present an aggregate of forty-eight terms of work as indicated below. Each prospective student should write to the president for an entrance requirement blank, which when properly filled by the principal of the school in which the work has been done may be forwarded to the registrar who will determine his standing before the opening of the College year.
1. Requirements for admission to the Classical and Latin-Scientific courses.
   English—9 terms (three years).
   Foreign Language—12 terms (four years), not less than nine of which must be Latin.
   Algebra—4½ terms (one and one-half years).
   Geometry—3 terms (one year), plane and solid or one year of plane.
   Science—3 terms (one year) other than Physical Geography.
   United States History and Civics—3 terms (one year).

2. Requirements for admission to the Scientific and Modern Language courses.
   English—9 terms (three years).
   Foreign Language—9 terms (three years), not less than six of which must be German or French and three of Latin.
   Algebra—4½ terms (one and one-half years).
   Geometry, Plane and Solid—4½ terms (one and one-half years).
   Science—6 terms (two years).
   U. S. History and Civics—3 terms (one year).

ELECTIVES.—The remaining number of terms of work needed to make up the necessary forty-eight may be chosen from the following:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy</td>
<td>1 term</td>
</tr>
<tr>
<td>Bible Study</td>
<td>1 to 2 terms</td>
</tr>
<tr>
<td>Botany</td>
<td>1 to 3 terms</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1 to 3 terms</td>
</tr>
<tr>
<td>Economics</td>
<td>1 term</td>
</tr>
<tr>
<td>English</td>
<td>1 to 3 terms</td>
</tr>
<tr>
<td>French</td>
<td>3 to 6 terms</td>
</tr>
<tr>
<td>German</td>
<td>3 to 6 terms</td>
</tr>
<tr>
<td>Geology</td>
<td>1 to 2 terms</td>
</tr>
<tr>
<td>Greek</td>
<td>3 to 6 terms</td>
</tr>
<tr>
<td>Harmony</td>
<td>1 term</td>
</tr>
<tr>
<td>History</td>
<td>1 to 6 terms</td>
</tr>
</tbody>
</table>
COLLEGE OF LIBERAL ARTS

History of Music.... 1 term
Latin ........... 3 to 6 terms
Physiography ... 1 to 3 terms
Public Speaking ... 1 to 3 terms
Physics ........... 1 to 3 terms
*Agriculture, Elementary
  Bookkeeping... 1 to 3 terms
*Commercial Geography,
  Commercial Law.... ................ 1 to 3 terms

Solid Geometry ..... 1 term
Spanish .......... 3 terms
Scandinavian ..... 3 terms
Trigonometry .... 1 to 2 terms
Zoology ......... 1 to 3 terms
*Domestic Science, Manual Training, Mechanical Drawing. 1 to 3 terms
*Stenography and Typewriting .... 1 to 3 terms

*The collective amount of these subjects must not exceed six terms.

DESCRIPTION OF SUBJECTS REQUIRED AND ACCEPTED FOR ADMISSION

The chief facts concerning the work in each subject both as regards quantity and quality is stated below.

Astronomy. One term. A familiar acquaintance of the facts of Descriptive Astronomy as formed in the study of the planets, primary and secondary, eclipses, comets, stars etc., such a course as found in Young's Elements.

Algebra. Four and one-half terms. An elementary course including the fundamental operations, factoring with factor theorem, fractions, equations through quadratics, exponents and radicals, bionominal theorem, graphs, proportion and progressions, logarithms, solution of practical problems. The grade of the work should be such as that found in Well's Algebra for Secondary Schools.

Geometry. Three terms of Plane and Solid, or three terms of Plane, and one and one-half terms of Solid, including Spherical Geometry. Classical and Latin Scientific students are urged to take up Solid Geometry in the high school or academy as a valuable part of a liberal education, and as an aid to the required Freshman mathematics, college algebra and trigonometry, as needed preparation for the study of Astronomy, Surveying, Physics, and mathematical subjects in
general. An opportunity will be given to take it if needed for entrance, and receive college credit on the same before taking the required Freshman work. Not required for entrance to the Classical or Latin Scientific courses. Besides the regular book demonstrations, a large number of exercises on construction work, loci, supplementary theorems, and numerical problems requiring algebraic processes, should be completed. It is scarcely possible for one to assimilate geometry without this original work. Basis of work, Well's Essentials.

N. B.—It is very desirable to take part of algebra and geometry during the fourth year of the high school course. Otherwise students should review these subjects prior to entering, for it is very necessary to know preparatory mathematics at the time college work begins.

English. Nine terms required; three terms elective. The requirements for admission are of two kinds:

A. Composition and Rhetoric. The examination in English Composition will be designed to test the student's ability to write clearly, correctly, and idiomatically. The student will be required to write an essay of at least five hundred words on a subject selected from his own experience or from the course of prescribed reading mentioned below. No student will be passed who is seriously deficient in spelling, punctuation, grammar, sentence structure, or paragraphing.

B. English Literature. The candidate will be required to pass an examination on the books included in the following lists:

For Study and Practice.
Shakespeare's Macbeth, Milton's Lycidas, Comus, L'Allegro and Il Penseroso, Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration, Macauley's Life of Johnson, or Carlyle's Essay on Burns.

For Reading.
Group I (two to be selected).
Shakespeare's As You Like It, Henry V., Julius Caesar, The Merchant of Venice, Twelfth Night.
Group II (one to be selected).
Bacon's Essays; Bunyan's The Pilgrim's Progress, Part I.; The Sir Roger de Coverly Papers in the Spectator; Franklin's Autobiography.

Group III (one to be selected).
Chaucer's Prologue; Spencer's Faerie Queen (selections); Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series), Books II. and III., with special attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV. (two to be selected).
Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe and Quentin Durward; Hawthorne's The House of Seven Gables; Thackery's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V. (two to be selected).
Irving's Sketch Book; Lamb's Essays of Elia; DeQuincey's Joan of Arc, and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (selected); Ruskin's Sesame and Lilies.

Group VI. (two to be selected).
Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and the Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV., with special attention to Wordsworth, Keats, and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News From Ghent to Aix, Evelyn Hope, Home Thoughts From Abroad, Incidents of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides.

These ten books are to be read carefully, and in addition to familiarity with their most important parts, the student should have some knowledge of the lives and characters of the authors and the history of their lives.
American History and Civil Government. A term's work in Civil Government, using such texts as Fiske, Forman, McCleary, Ashley, or James and Sanford's will be accepted and two terms' work of American History, in which any of the standard high school texts have been used, such as Elson, Hart, Channing, Montgomery, Johnson, Adams and Trent, or a full year's work in American History will be accepted. This one year's work of United States History and Civil Government will be required of all the candidates for admission to the Freshman Class.

Ancient, European and English History. In addition to the required United States History, candidates for admission to the Freshman class may offer three terms work each in Ancient, European, and English History. Aside from map books and collateral reading, the following texts are recommended: Ancient History: West, Myers, Goodspeed, Wolfson's European History: Myer's Mediaeval and Modern, Harding's Essentials of European History, West's Modern History, Munro and Whitcomb's Mediaeval and Modern History; English History: Larmed, Andrews, Terry, Gardiner, Comarn and Kendall, Cheney, and Ransome.

Physics. One to three terms. The year's work should include a study of the subjects, Mechanics, Heat, Sound, Light, Magnetism, and Electricity as presented in Millikan and Gale, Carhart and Chute, or equivalent works. The laboratory work should include at least forty experiments, chiefly quantitative in character, chosen from standard manuals. A carefully prepared notebook showing satisfactory evidence of thorough and efficient work must be presented.

Chemistry. One to three terms. A knowledge of the subject such as may be obtained from the texts of McPherson and Henderson, Newell, Remson or others of equal grade. A carefully written notebook showing an accurate record of the laboratory work must be presented. This part of the work should include experiments on the following: Mixtures and compounds, chemical and physical changes, the elementary gases, water, distillation, solution, preparation of the common acids, bases, neutralization, air, ammonia, oxides of nitrogen carbon, oxides of carbon, flames, sulphur and sulphur compounds, flame reactions, fermentations, alcohol, ether, acetic acid, benzine, soap, hard and soft waters and well selected experiments on the common metals. Not less than sixty experiments may be offered for the year's
credit and those failing to meet this requirement will be conditioned in those experiments which they do not present.

**Botany.** Botany may be offered as one or one-half year. In the former case it should consist of at least two recitations and four hours laboratory a week, for nine months. In the latter case, similar work for at least half that time. The student should be familiar with the gross anatomy of the different classes of plants, some knowledge of plant physiology, and ecology. He should be well acquainted with the use of the compound microscope, and above all, he should have a good set of drawings and laboratory notes as evidence of his year's work. Courses 1, 2 and 3 are designed for students who do not offer botany for entrance.

**Zoology.** No requirements are necessary for entrance to courses 10 and 11. Students offering Zoology as a credit for entrance should present well-prepared notebook with drawings. One or one-half year of three terms allowed, depending upon the amount of work done.

**Physiology.** Students entering from accredited high schools may offer Physiology as one-half or one year, depending on length of time put upon the subject.

**Physiography.** Students may offer Physical Geography as one-half or one year. A well-prepared notebook must be exhibited as evidence of work done.

**Latin.** First Year—Any standard text of Beginning Latin. Second Year. Caesar, Books I., II., III., IV. (or equivalent). Prose composition equivalent of one hour per week throughout the year. Third Year—Cicero, Six Orations; four against Catiline, Archias, and Manilian Law (or substitute). Prose composition equivalent of one hour per week throughout the year. Fourth Year—Vergil. Six books.

**Greek.** Elementary—Burgess and Bonner's, White's or any other standard text. Anabasis—Four books with Prose Composition.
German. Three years of this language may be offered, divided as follows:

First Year's Work—Mastery of the essentials of grammar, exercises in composition, practice in conversation and pronunciation, and the reading of some easy prose.

Second Year's Work—Advanced grammar with liberal application by means of composition and conversation. The reading of at least four works of intermediate grade.

Third Year's Work—The reading of selected works in poetry and prose as Lessing's "Minna von Barnhelm," Heine's "Die Harzeise," Freitag's "Die Journalisten."

French. One or two year's work will be accepted in French.
First Year's Work—Includes a knowledge of elementary grammar, pronunciation, and simple composition, with some easy reading.
Second Year's Work—Requires a proficiency in advanced grammar and composition, and the reading of three or four works of standard authors.

Bible Study. One or two terms. Bible history, biography and geography in the Old Testament or in the New Testament pursued in a methodical manner.

Public Speaking. One term will be allowed for conscientious study under a competent instructor.

History of Music. One term may be offered. The work must be equivalent to one lesson per week throughout the entire school year. The work must be based upon a satisfactory text book and certified to by the teacher.

Harmony. One term will be accepted for the work equivalent to one private lesson per week throughout the entire school year. The work must be certified and based upon a suitable text book as in the case of History of Music.

The merit of work in the other subjects given under electives not specified here will be passed upon by the heads of the proper departments.
ADVANCED STANDING.

Students from other colleges will be given credit for work equivalent to that done in this institution upon the presentation of proper certificate of honorable dismissal, and also of work accomplished certified to by the registrar.

Graduates of the advanced grades of the normal schools of the State may enter the College of Liberal Arts as Juniors, but they will be required to make up any deficiencies in the course they select.

Such persons who are not candidates for a degree may be admitted as special students and pursue selected studies subject to the same regulations as regular students.

ADMISSION TO SPECIAL STANDING.

Students who are at least twenty-one years of age may enroll for special courses of study for which they are prepared. Before enrolling, a complete statement of work accomplished in an accredited high school or academy must be submitted; this will be used in determining whether or not the applicant is prepared to pursue college grade work. Others whose previous courses have not been taken in such accredited school may have their preparation to do work determined by examination. Such students will not be given a degree unless they satisfy the regular entrance requirements.

REGULATIONS FOR CLASSIFICATION

1. Students who are able to enter three college classes and whose deficiencies do not exceed forty term hours, may be classified as Freshmen.

2. Students whose deficiencies do not exceed twenty-four term hours below the Sophomore grade may be ranked as Sophomores, provided no person can be ranked Sophomore who has any conditions in entrance qualifications.
3. Students whose deficiencies do not exceed twelve term hours may be classified as Juniors.

4. No student who lacks more than fifty-four hours of graduation shall be classified as a Senior.

5. Students not candidates for degrees will be catalogued as special students.

6. In equating academy and college work, five hours of the former are considered as equal to four of the latter.

**LIST OF ACCREDITED HIGH SCHOOLS**

<table>
<thead>
<tr>
<th>Aberdeen</th>
<th>Goldendale</th>
<th>Seattle, Queen Anne</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anacortes</td>
<td>Harington</td>
<td>Lincoln</td>
</tr>
<tr>
<td>Arlington</td>
<td>Holy Name Academy, Spokane</td>
<td>Broadway</td>
</tr>
<tr>
<td>Asotin</td>
<td>Hoquiam</td>
<td>Sedro-Wooley</td>
</tr>
<tr>
<td>Auburn</td>
<td>Kelso</td>
<td>Shelton</td>
</tr>
<tr>
<td>Ballard</td>
<td>Kent</td>
<td>Snohomish</td>
</tr>
<tr>
<td>Bellingham</td>
<td>Kennewick</td>
<td>Spokane</td>
</tr>
<tr>
<td>Blaine</td>
<td>Kirkland</td>
<td>North Central</td>
</tr>
<tr>
<td>Bremerton</td>
<td>LaConner</td>
<td>South Central</td>
</tr>
<tr>
<td>Burton</td>
<td>Latah</td>
<td>South Bend</td>
</tr>
<tr>
<td>Burlington</td>
<td>Lynden</td>
<td>Sprague</td>
</tr>
<tr>
<td>Castle Rock</td>
<td>Marysville</td>
<td>Sumner</td>
</tr>
<tr>
<td>Centralia</td>
<td>Montesano</td>
<td>Sunnyside</td>
</tr>
<tr>
<td>Cashmere</td>
<td>Mt. Vernon</td>
<td>Tacoma</td>
</tr>
<tr>
<td>Chehalis</td>
<td>Newport</td>
<td>Tekoa</td>
</tr>
<tr>
<td>Chelan U. H. S.</td>
<td>North Yakima</td>
<td>Academy of University of Puget Sound</td>
</tr>
<tr>
<td>No 1</td>
<td>Olympia</td>
<td>Vancouver</td>
</tr>
<tr>
<td>Clarkston</td>
<td>Palouse</td>
<td>Waitsburg</td>
</tr>
<tr>
<td>Colfax</td>
<td>Port Angeles</td>
<td>Walla Walla</td>
</tr>
<tr>
<td>Colville</td>
<td>Port Townsend</td>
<td>Waterville</td>
</tr>
<tr>
<td>Coupeville</td>
<td>Pullman</td>
<td>Wenatchee</td>
</tr>
<tr>
<td>Davenport</td>
<td>Puyallup</td>
<td>Wilbur</td>
</tr>
<tr>
<td>Dayton</td>
<td>Prosser</td>
<td>Whitman Academy</td>
</tr>
<tr>
<td>Edmonds</td>
<td>Pomeroy</td>
<td>(Walla Walla)</td>
</tr>
<tr>
<td>Ellensburg</td>
<td>Ritville</td>
<td></td>
</tr>
<tr>
<td>Elma</td>
<td>Rosalia</td>
<td></td>
</tr>
<tr>
<td>Everett</td>
<td>Roslyn</td>
<td></td>
</tr>
<tr>
<td>Garfield</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The accredited school list from other states will be accepted by the University of Puget Sound. Graduates from such schools must present a certified record in detail of work, the same as students residing within the State.
General Information

OUR STANDARD

To conserve the culture of the ancient classics;
To hold securely the settled truths of modern science;
To respect the old in education and not decry the new;
To reverence truth and welcome progress;
To read a divine purpose in nature and the society of men;
To choose athletics for health rather than strength;
To prize learning for service rather than accomplishment;
To have helpful companions and feel the joy of lasting friendships;
To know the inspiration of great books and devoted teachers;
To play the manly part, worship the God of Heaven and of Earth;
And more sincerely love the Christ in thought and toil, shall be our goal and the measure of our endeavors.

The University of Puget Sound stands for Christian Education. It was organized for the purpose of providing the young men and women of the Northwest with symmetrical development. Sane physical training and wholesome moral guidance were to have equal recognition with mental culture. The University knows no forbidden fields of knowledge, but in all departments seeks to know and reverence the truth. The aim of the school is
to develop Christian character and fit men and women for the every-day demands of life. While the University is under the auspices of the Methodist Episcopal Church there is no discrimination made among members of the faculty or student body because of creed or religious views. The broadest sympathy obtains towards all who seek the truth and are striving for the uplifting of humanity and the advancement of civilization.

ORGANIZATION

The University includes the following Colleges and Schools:

1. College of Liberal Arts.
   II. School of Education.
   III. College of Commerce.
       IV. School of Home Economics.
V. School of Public Speaking.
  VI. School of Music.
  VII. School of Art.
  VIII. Academy.

Each of these has a distinct organization, but all of them are under the control of the Board of Trustees and the supervision of the President of the University.

LOCATION.—Situated midway between the business and residence sections of the city of Tacoma, our students have easy access to the leading churches, the city library, State Historical Society, Ferry Museum and other institutions representing the cul-
ture life of the city. Moreover, it affords our students many opportunities for obtaining employment in order to work their way through school.

**Equipment.**—The University campus is a tract of seven acres located in the geographical center of the city of Tacoma. On this property are the Administration Building, the Chapel, Gymnasium, University House, Ladies’ Dormitory, Men’s Hall and Conservatory of Music. Adjoining the Gymnasium is a fine athletic field well enclosed with a high-board fence and admirably suited for football, baseball and track athletics.

**Laboratories.**—The Biological, Physical and Chemical Laboratories are housed in separate quarters. Each has an adequate and growing equipment. The University is the only one of the smaller schools represented in the work at the Puget Sound Marine Station, situated at Friday Harbor, San Juan Island. The marine station offers facilities for research work and an opportunity to make large collections for the herbarium museums and for class work in the laboratories.

**Library.**—The library is open to all the students of the University. It is located in the Chapel Building and is under the direction of a librarian. It contains a spacious and well-lighted reading room where students gather to study during vacant periods. About five hundred volumes have been added during this last school year. In addition to the general library several departmental libraries have already begun. The library has been largely augmented by gifts of private collections and we are always pleased to publicly acknowledge contributions of books or funds to purchase new books and magazines.
COURSES OF STUDY.—The College of Liberal Arts presents the choice of four parallel courses of study, each extending through four years, known as the Classical, Latin-Scientific, Scientific and Modern Language Courses. In the Classical courses the study of Greek is required for the first two years. In the Latin-Scientific Course Latin is required in the first year, and in the Scientific Course and Modern Language Course both Greek and Latin are made elective, in order to give more extended opportunity for the study of modern languages, science, literature and the historical sciences.

DEGREES.—The degrees conferred by the University are B. A., B. S. and M. A. The Classical, Latin-Scientific and Modern Language Courses lead to the degree of B. A. and the Scientific Course to that of B. S. The College Course in Public Speaking leads to the degree of B. O., that in the College of Commerce to B. C. S. No two degrees will be granted for less than the equivalent of five years of college work.

REQUIRED HOURS.—In each course of the College of Liberal Arts 195 term hours are required for graduation, of which not more than seven hours will be allowed for physical training or public literary work. One hour per week for a term constitutes a term hour.

REQUIRED AND ELECTIVE STUDIES.—In each college course all the studies of the Freshman year are required. In the Sophomore, Junior and Senior years, the amount of required work is progressively diminished, the student being allowed to complete his quota by selecting from a wide range of elective studies. The work of the Senior year is all elective. The student is expected, how-
ever, to regulate his choice of electives, either during the Sophomore or the beginning of the Junior year, so that his electives shall indicate that he is specializing in at least one of the following groups of studies: Ancient Language, Modern Language, Science, Literature, or the Historical Sciences. The student is not allowed to select studies which he is not qualified to pursue in the judgment of his adviser.

Advisers.—Every student who registers in the institution is assigned to a member of the faculty as his adviser, whose duty is to guide him in the selection of studies and the proper planning of his course. The adviser is to be regarded as the student’s friend and may be consulted freely by him concerning any subject pertaining to his welfare. On general principles the adviser is to be the teacher with whom the student is taking the major portion of his work.

Athletics.—The University believes in a sound mind in a sound body. Every student is urged to take regular and systematic physical exercise. In all college athletics all rowdiness, profanity, gambling, and professionalism is strictly forbidden. All athletics are directly under the supervision of the faculty. The University provides the services of a well-trained athletic coach and a competent instructor in the gymnasium.

All Academy students are required to take two years of physical training, two terms each year and two hours per week. Such training must not begin later than the third year of the Academy course. All Freshmen and Sophomores are required to take physical training for two terms each year, two hours per week.
LITERARY SOCIETIES.—The students maintain four literary societies known as the Amphictyons, Philomatheans, H. C. S., and Thetas. All students are advised to become identified with one of the literary societies. The faculty feel that there is no single factor in college life that does so much to fit students for speaking in public and learning to think while in the act of speaking, as the training of the literary societies.

RELIGIOUS ORGANIZATIONS.—Both the Young Men's Christian Association and the Young Women's Christian Association are well attended and include in their membership almost the entire student enrollment. The midweek college prayer meetings are always helpful and uplifting. The Oxford club composed of the young men looking forward to the work of the Christian ministry is a growing and an aggressive organization.

COLLEGE PAPER.—The Trail is the regular student publication. It is ably edited and well managed by representatives of the student body. It affords a field for practical newspaper work, and is an important factor in expressing the student life in all athletic, literary and religious enterprises and in arousing college spirit.

COLLEGE ANNUAL.—The members of the Junior class publish a college annual entitled Klahowyah. The annual deals with the various student events during the school year and the different student activities as well as all matters of interest pertaining to the welfare and life of the school.

THE EMPLOYMENT BUREAU.—Many students come to us every year who feel the need of earning part of their expenses. The city of Tacoma, by reason of its size, affords many oppor-
tunities for self help. The stores, banks, hotels, mills, factories, restaurants and homes offer employment to a large number of students. No person has been compelled to leave school for want of employment. No young person of fair health and plenty of determination need fail to receive an education. The President of the University is always glad to correspond with any person who desires to work his way through school.

BUREAU OF RECOMMENDATIONS OR TEACHER'S AGENCY. —Every year a number of our graduates from the College of Liberal Arts and from the Normal School seek and secure teaching positions in the grades and high schools. In order to get positions they have to depend on their individual exertions or the teachers' agencies. Many have hesitated to join these agencies owing to the fact of a percentage of their salary being exacted by the agency that obtained the position for them. The fact that so many have gotten positions without the assistance of agencies is an evidence of the high regard in which our College work is held. All students of the University intending to teach are invited to register with the Bureau, which will be glad to render them any assistance in its power to obtain good positions without extra cost to them. The Bureau extends the same invitation to our alumni and desires to get into touch with those who are now teaching.

HONORABLE DISMISSAL.—No student will receive honorable dismissal from the school who leaves without satisfying every financial and other requirement of the University. The University will not accept students from other schools without their giving satisfactory evidence of honorable dismissal.
DEBATE AND ORATORY.—The University plans to hold an annual debate between its college students and those of some neighboring institutions. In these contests our students have won nearly all of the debates in which they have participated. In the state prohibition oratorical contest held at Seattle this year Mr. Theodore Smith was the successful contestant, carrying away first prize.

NUMBER OF STUDIES ALLOWED STUDENT.—The full quota of studies allowed each student in the College of Liberal Arts will be eighteen hours per week in the Freshman year and sixteen hours per week in the Sophomore, Junior and Senior years, exclusive of gymnasium and literary work. Any deviation from this rule, unless occasioned by a change in the schedule, will require the recommendation of the adviser and the vote of the faculty. In order to secure additional hours above the schedule allowance the student must have made first grades in at least half of his or her previous studies and none lower than second grades. For each additional hour above the required quota one dollar per term will be charged. No additional charge will be made, however, for one extra hour that is made necessary by the arrangement of the schedule of studies.

GRADES.—Students are graded in their studies on the scale of 100. The final grade in any study is made up from daily recitations, tests, final examinations and any other work that may be assigned by the teacher in charge. Those receiving 90 or upward are classified as first grade; 80-90, second grade; 70-80, third grade. Those failing to receive 70 are not passed.

EXAMINATIONS.—Oral and written tests are given from time to time during the term at the option of the individual teacher.
At the close of each term a written examination of two hours is given in each study. No student, whose absence from the required exercises in any study are so many as to disqualify him from the class membership will be admitted to the term examinations in that study except by a special vote of the faculty. Such permission will only be given when the faculty are convinced that the absences are not due to culpable negligence. Students absent from term examinations, or who fail to pass the same will be granted special examinations at specified times, with the understanding that an extra charge of one dollar will be made for such examinations unless the faculty are convinced that the absence or failure was not due to the carelessness of the student.

**Scholarships.**—The University will grant a scholarship to the valedictorian or salutatorian of every accredited four-year high school or academy in the state of Washington, yielding free tuition for the freshman year. Such scholarship shall be continued in force throughout the entire four-year college course or so long as recipient of same continues to make first grades in at least two-thirds of his or her studies and nothing lower than a second grade. Upon failure to comply with this standard after the first year during which free tuition is guaranteed, such scholarship will then be cancelled. The purpose of these scholarships is to place the emphasis upon excellent work and to assist those who are worthy but may be in needy circumstances. The University further agrees to give a scholarship under the conditions herein described, for every thirty-five members in the graduating class of an accredited four-year high school or academy in the state of Washington.

**Loans.**—The Board of Education of the Methodist Episcopal Church from year to year makes loans to needy and worthy young
men in limited amounts, who are members of this denomination. In order to obtain such assistance the student must be in actual attendance at the University, must be doing satisfactory work in his studies and be recommended by the faculty for the same.

**Non-Resident Work.**—The University will not grant degrees of any description for mere non-resident work. Academic degrees of any description will only be granted after one year of residence in the institution. Work can be done in non-residence, however, that will equate against residence requirements.

In order to receive credit for such work done outside of the class room said studies must be taken under an instructor authorized by the faculty and not fewer than one-fourth of the regular recitation hours must be taken under the personal tuition of each instructor. For such work the student must pay the University the same tuition, exclusive of incidentals, as would be charged for regular class room work in addition to the fees charged by the individual instructor.

**Graduate Work for Master Degrees.**—All candidates registering for the master’s degree as resident students who have successfully completed work for the bachelor’s degree, and hold the same from this institution or one of equal standing, shall be required a minimum of fourteen hours of work for each week during three terms. Such candidate shall select work in some department as a major subject and in one or two other departments as a minor subject or subjects. No candidate shall be allowed to have more than two minors. As far as possible each candidate shall confine his or her work to the departments in which the major subject has been chosen. The candidate shall register in such courses as advised by the head of the departments,
in which work is being done. The candidate shall be required to write a thesis in each course, a final thesis of not less than 5,000 words in the principal department, and do such additional work as the heads of the departments concerned shall judge necessary and sufficient.

PRIZES.—The following prizes are awarded each year. To the most proficient and accomplished English student during the entire college course an Unabridged Standard Dictionary is presented by Rev. J. M. Weaver of Raymond, Washington.

To the student writing an acceptable original college song and having appropriate music composed for the same a prize of $10.00 is awarded to President J. C. Zeller.

A handsome morocco leather edition of the John O. Foster "Life of Christ," valued at $8.00, was awarded for the best amateur collection of photographs of University buildings and scenes of student life.

A prize of $5.00 is given to the gentleman student who successfully sets growing the best collection of trees upon the college campus.

A prize of $5.00 is given to the lady student who successfully sets growing the best collection of flowering shrubbery upon the college campus.

A prize of $5.00 is given to either the gentleman or lady student who successfully sets growing the best collection of vines upon the fences or buildings of the college campus.

DORMITORIES.—The University maintains a dormitory for ladies and a hall for men. Both dormitories are fitted with heavy furniture. Students rooming in the halls will be expected to bring with them linen, covers, towels, and such furnishings as they would
desire to make their rooms attractive according to their individual taste. The ladies’ dormitory is under the charge of a preceptress who gives her undivided attention to the supervision of the young ladies. It is expected that all the younger classmen in the school among the ladies, who are not compelled to make other arrangements, will go to the ladies’ dormitory. Because of the nearness to the University and the social life, the ladies’ dormitory has become a center for the women of the school. The men’s hall will be in charge of a caretaker this coming year and will receive more attention and supervision than heretofore. Some new furniture is also to be added. It is the policy of the University to improve the accommodations for the young men and women as rapidly as means can be secured for the accomplishment of this purpose. It is expected that all students who begin occupation in one of the university dormitories will continue such residence throughout the year.

**NUMBER OF STUDENTS FOR A COURSE**

No course will be given, unless it be a required study in the regular curriculum, for less than five students. While it is not the policy of the institution to encourage large classes, nevertheless, for purposes of economy, a minimum must be fixed.

**HONORS**

Students on completion of courses in the College of Liberal Arts will be given graduating honors on the following basis:

- **Summa Cum Laude:** Rarely and for special excellence only.

- **Magna Cum Laude:** Not more than two grades below first, and none lower than second.

- **Cum Laude:** Two-thirds first, none lower than second.

- **Honorable Mention:** For successful and sustained work in one or more departments of study.
## UNIVERSITY TUITION AND FEES

### COLLEGE OF LIBERAL ARTS.

<table>
<thead>
<tr>
<th>Term</th>
<th>Tuition</th>
<th>Incidentals</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>$15.00</td>
<td>$6.00</td>
<td>$21.00</td>
</tr>
<tr>
<td>Winter</td>
<td>$12.00</td>
<td>$6.00</td>
<td>$18.00</td>
</tr>
<tr>
<td>Spring</td>
<td>$12.00</td>
<td>$4.00</td>
<td>$16.00</td>
</tr>
<tr>
<td><strong>Total for Year</strong></td>
<td><strong>$55.00</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

One course of not less than three hours, tuition... $5.00
One course of not less than three hours, incidentals. $3.00
Two courses, not less than six hours, tuition... $10.00
Two courses, not less than six hours, incidentals... $4.00
Three or more courses, full tuition and incidentals.

### ACADEMY.

<table>
<thead>
<tr>
<th>Term</th>
<th>Tuition</th>
<th>Incidentals</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>$12.00</td>
<td>$6.00</td>
<td>$18.00</td>
</tr>
<tr>
<td>Winter</td>
<td>$9.00</td>
<td>$6.00</td>
<td>$15.00</td>
</tr>
<tr>
<td>Spring</td>
<td>$8.00</td>
<td>$4.00</td>
<td>$12.00</td>
</tr>
<tr>
<td><strong>Total for Year</strong></td>
<td><strong>$45.00</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

One course, not less than four hours, tuition... $4.00
One course, not less than four hours, incidentals... $3.00
Two courses, not less than eight hours, tuition... $8.00
Two courses, not less than eight hours, incidentals... $4.00
Three or more courses, full tuition and incidentals.
Tuition in Schools of Education and Domestic Science same as that of College of Liberal Arts.

See description of Schools of Art, Music, Commerce and Public Speaking for their respective tuitions.

**LABORATORY FEES IN COLLEGE OF LIBERAL ARTS**

| Subject                                      | Fee  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany, per term</td>
<td>$1.50</td>
</tr>
<tr>
<td>Physiology and Physiological Psychology, per term</td>
<td>$1.00</td>
</tr>
<tr>
<td>Biology and Methods, and Zoology, per term</td>
<td>$2.00</td>
</tr>
<tr>
<td>Histology and Bacteriology, per term</td>
<td>$3.00</td>
</tr>
<tr>
<td>General and Inorganic Chemistry, per term</td>
<td>$3.00</td>
</tr>
<tr>
<td>Advanced Courses in Chemistry, per term</td>
<td>$4.00</td>
</tr>
<tr>
<td>Physics, per term</td>
<td>$3.00</td>
</tr>
<tr>
<td>Domestic Science, per term</td>
<td>$3.00</td>
</tr>
<tr>
<td>Domestic Science, Serving Course, per term</td>
<td>$5.00</td>
</tr>
<tr>
<td>Normal Art, per term</td>
<td>$1.00</td>
</tr>
<tr>
<td>Graduation Diploma</td>
<td>$2.50</td>
</tr>
<tr>
<td>Degree Diploma</td>
<td>$5.00</td>
</tr>
<tr>
<td>Special Examination fee</td>
<td>$1.00</td>
</tr>
<tr>
<td>Student publication</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

**LABORATORY FEES IN ACADEMY**

| Subject                                      | Fee  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany, per term</td>
<td>$1.50</td>
</tr>
<tr>
<td>Physical Geography</td>
<td>$1.00</td>
</tr>
<tr>
<td>Physics, per term</td>
<td>$2.00</td>
</tr>
<tr>
<td>Graduation Diploma</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

**DORMITORY RENTS.**

| Description                                      | Fee  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ladies' dormitory, two in a room, fall term</td>
<td>$13.00</td>
</tr>
<tr>
<td>Ladies' dormitory, two in a room, winter term</td>
<td>11.00</td>
</tr>
<tr>
<td>Ladies' dormitory, two in a room, spring term</td>
<td>11.00</td>
</tr>
<tr>
<td>Ladies' dormitory, per week</td>
<td>1.00</td>
</tr>
<tr>
<td>Men's hall, two in a room, fall term</td>
<td>9.50</td>
</tr>
<tr>
<td>Men's hall, two in a room, winter term</td>
<td>8.00</td>
</tr>
<tr>
<td>Men's hall, two in a room, spring term</td>
<td>8.00</td>
</tr>
<tr>
<td>Men's hall, per week</td>
<td>.75</td>
</tr>
<tr>
<td>Returnable dormitory deposit</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Those renting rooms in the ladies' dormitory or men's hall must rent them for the term and pay in advance.

**ALL UNIVERSITY BILLS ARE PAYABLE IN ADVANCE.**

The University does not refund money paid for tuition and fees, but will extend credit to the student for the same.

Students entering after the first week of the Fall term and after the regular registration days of the Winter and Spring terms will be charged a special registration fee of $1.00
ESTIMATE OF STUDENT'S EXPENSES FOR ONE YEAR.

The following is an itemized statement of students' expenses. In order that parents and prospective students may know about what the cost of a year's school work will be, we are submitting three estimates showing what it costs the student exercising great economy, the student with average expenditures and the student having a liberal allowance.

<table>
<thead>
<tr>
<th>Item</th>
<th>Low</th>
<th>Average</th>
<th>Liberal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table Board (38 weeks)</td>
<td>$70</td>
<td>$110</td>
<td>$145</td>
</tr>
<tr>
<td>Room Rent, including light and fuel (9 mos)</td>
<td>25</td>
<td>35</td>
<td>55</td>
</tr>
<tr>
<td>Laundry</td>
<td>8</td>
<td>20</td>
<td>35</td>
</tr>
<tr>
<td>College Tuition</td>
<td>55</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>Laboratory and other fees</td>
<td>3</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Books and Stationery</td>
<td>8</td>
<td>15</td>
<td>25</td>
</tr>
<tr>
<td>Expenses to Literary, religious, social and athletic associations</td>
<td>6</td>
<td>15</td>
<td>40</td>
</tr>
<tr>
<td>Total</td>
<td>$175</td>
<td>$260</td>
<td>$370</td>
</tr>
</tbody>
</table>
Faculty Organization

J. C. Zeller, President.
T. B. Scott, Ass't to President.
R. A. Cummins, Bursar.
A. L. Marsh, Registrar.
Hugo P. J. Selinger, Librarian.
W. S. Davis, Recording Secretary.
Alfred Lister, Financial Secretary.

FACULTY COMMITTEES

Absences
Jones, Gale, Dupertuis, Mrs. Jones.

Athletics
Scott, Wright, Mrs. Marsh, Riley, Prichard.

Debate
Wright, Randall.

Oratory
Randall, Cummins.

Grades and Classification
Marsh, Hanawalt, Davis.

Gymnastics
Riley, Randall, Gale.

Laboratories
Mrs. Marsh, Wright, Newman.

Ladies' Dormitory
Newman, McKee, Gale.

Library
Davis, Selinger, Abel.
MEN'S HALL
Prichard, Davis, Selinger, Wright.

PUBLICITY
Wright, Davis.

RELIGIOUS LIFE.
Hanawalt, Cummins, Dupertuis, Foster.

CHAPEL MUSIC
Cummins, Elliott, Rinehart.

SOCIAL LIFE
McKee, Mrs. Marsh, Newman, Davis, Prichard.

SCHEDULE
Hanawalt, Davis, Mrs. Marsh, Prichard, Newman.

STUDENT PUBLICATIONS
Abel, Marsh.

EMPLOYMENT BUREAU
Marsh, Mrs. Marsh, Riley, Jones.

BUREAU OF RECOMMENDATIONS
Zeller, Davis, Cummins.

RECITATION ROOMS AND ARRANGEMENTS
Davis, Prichard, Hanawalt.

VISITATION COMMITTEE
Mrs. Marsh, McKee, Selinger.

FACULTY REPRESENTATIVES ON BUREAUS OF STUDENT ASSOCIATION

CENTRAL BOARD
Davis, Mrs. Marsh, Selinger.

BUREAU OF ATHLETICS
Wright, Mrs. Marsh.
Bureau of Debate and Oratory
Wright, Cummins.

Bureau of Dramatic Art
Randall, Abel.

Bureau of Social Activities
Prichard, Davis, Mrs. Marsh, Newman, McKee.

Bureau of Student Publications
Abel, Marsh.

Bureau of Y. M. C. A.
Selinger, Dupertuis.

Bureau of Y. W. C. A.
Gale, Mrs. Jones.

Joint Committee on Prayer Meeting
Selinger, Gale.
# College of Liberal Arts

## SCHEDULE OF STUDIES

### CLASSICAL COURSE

#### FRESHMAN YEAR

- **Fall Term**
  - 5 Greek
  - One—4 German
  - 4 Latin
  - 4 English
  - 5 Mathematics

- **Winter Term**
  - 5 Greek
  - One—4 German
  - 4 Latin
  - 4 English
  - 5 Mathematics

#### SOPHOMORE YEAR

- **REQUIRED**
  - 4 Greek
  - 4 History
  - One—4 German
  - —3 English

#### ELECTIVE

- 4 Mathematics
- 3 Astronomy
- 4 Physics
- 5 Chemistry
- 4 Botany
- 4 Zoology
- 3 Physiology
- 4 Latin
- 4 French
- 4 Political Science
- 4 Education
- 3 History of Art
- 4 Home Economics

#### JUNIOR YEAR

- **REQUIRED**
  - 4 Introduction to Philosophy
  - One—4 Economics
  - 4 Sociology

#### ELECTIVE

- 3 English
- 3 Public Speaking
- 4 Greek
- 4 Latin
- 4 German
- 4 French

### SENIOR YEAR

- **REQUIRED**
  - 4 Mathematics
  - 3 Astronomy
  - 4 Physics
  - 5 Chemistry
  - 4 Botany
  - 4 Zoology
  - 3 Physiology
  - 4 Latin
  - 4 French
  - 4 Political Science
  - 4 Education
  - 3 History of Art
  - 4 Home Economics

- **ELECTIVE**
  - 3 English
  - 3 Public Speaking
  - 4 Greek
  - 4 Latin
  - 4 German
  - 4 French
<table>
<thead>
<tr>
<th>Sophomore Year Elective</th>
<th>Senior Year Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>English</td>
</tr>
<tr>
<td>Education</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>Religion</td>
<td>Greek</td>
</tr>
<tr>
<td>Sociology</td>
<td>Latin</td>
</tr>
<tr>
<td>Mathematics</td>
<td>German</td>
</tr>
<tr>
<td>Botany</td>
<td>French</td>
</tr>
<tr>
<td>Zoology</td>
<td>History</td>
</tr>
<tr>
<td>Physiology</td>
<td>Education</td>
</tr>
<tr>
<td>Physics</td>
<td>Religion</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Political Science</td>
<td>Economics</td>
</tr>
<tr>
<td>History of Mathematics</td>
<td>Sociology</td>
</tr>
<tr>
<td>Botany</td>
<td>History</td>
</tr>
<tr>
<td>Zoology</td>
<td>Economics</td>
</tr>
<tr>
<td>Physiology</td>
<td>Botany</td>
</tr>
<tr>
<td>Physics</td>
<td>Zoology</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Physiology</td>
</tr>
<tr>
<td>Political Science</td>
<td>History</td>
</tr>
<tr>
<td>History of Mathematics</td>
<td>History of Astronomy</td>
</tr>
<tr>
<td>Botany</td>
<td>English</td>
</tr>
<tr>
<td>Zoology</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>Physiology</td>
<td>Greek</td>
</tr>
<tr>
<td>Physics</td>
<td>Latin</td>
</tr>
<tr>
<td>Chemistry</td>
<td>German</td>
</tr>
<tr>
<td>Political Science</td>
<td>French</td>
</tr>
<tr>
<td>History of Mathematics</td>
<td>History</td>
</tr>
<tr>
<td>Botany</td>
<td>Education</td>
</tr>
<tr>
<td>Zoology</td>
<td>Religion</td>
</tr>
<tr>
<td>Physiology</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Physics</td>
<td>Economics</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Sociology</td>
</tr>
<tr>
<td>Political Science</td>
<td>History</td>
</tr>
<tr>
<td>History of Mathematics</td>
<td>History of Astronomy</td>
</tr>
<tr>
<td>Botany</td>
<td>English</td>
</tr>
<tr>
<td>Zoology</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>Physiology</td>
<td>Greek</td>
</tr>
<tr>
<td>Physics</td>
<td>Latin</td>
</tr>
<tr>
<td>Chemistry</td>
<td>German</td>
</tr>
<tr>
<td>Political Science</td>
<td>French</td>
</tr>
<tr>
<td>History of Mathematics</td>
<td>History</td>
</tr>
<tr>
<td>Botany</td>
<td>Education</td>
</tr>
<tr>
<td>Zoology</td>
<td>Religion</td>
</tr>
<tr>
<td>Physiology</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Physics</td>
<td>Economics</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Sociology</td>
</tr>
<tr>
<td>Political Science</td>
<td>History</td>
</tr>
<tr>
<td>History of Mathematics</td>
<td>History of Astronomy</td>
</tr>
</tbody>
</table>

Any electives not already taken.
# Latin Scientific Course

## Freshman Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One—4 Latin</td>
<td>One—4 Latin</td>
<td>One—4 Latin</td>
</tr>
<tr>
<td></td>
<td>—4 German</td>
<td>—4 German</td>
<td>—4 German</td>
</tr>
<tr>
<td></td>
<td>4 English</td>
<td>4 English</td>
<td>4 English</td>
</tr>
<tr>
<td></td>
<td>5 Chemistry</td>
<td>5 Chemistry</td>
<td>5 Chemistry</td>
</tr>
<tr>
<td></td>
<td>5 Mathematics</td>
<td>5 Mathematics</td>
<td>5 Mathematics</td>
</tr>
</tbody>
</table>

## Sophomore Year

### Required

- One—4 German
- —4 French
- One—4 Botany
- —4 Zoology
- —4 Physics
- 4 History

### Elective

- 4 Mathematics
- 3 Astronomy
- 5 Chemistry
- 3 English
- 5 Greek
- 4 Latin
- 4 Political Science
- 4 Education
- 3 Physiology
- 4 Home Economics
- 3 History of Art

## Junior Year

### Required

- 4 Psychology
- One—4 Economics
- —4 Sociology
- One—4 Economics
- —4 Sociology
- One—4 Economics
- —4 Sociology

### Elective

- 3 English
- 3 Public Speaking
- 4 Greek
- 4 Latin
- 4 German
- 3 Physiology
- 3 English
- 3 Public Speaking
- 4 Greek
- 4 Latin
- 4 German
- 3 Physiology
### Freshman Year

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>One—4 German</td>
<td>One—4 German</td>
<td>One—4 German</td>
</tr>
<tr>
<td>—4 French</td>
<td>—4 French</td>
<td>—4 French</td>
</tr>
<tr>
<td>4 English</td>
<td>4 English</td>
<td>4 English</td>
</tr>
<tr>
<td>5 Chemistry</td>
<td>5 Chemistry</td>
<td>5 Chemistry</td>
</tr>
<tr>
<td>5 Mathematics</td>
<td>5 Mathematics</td>
<td>5 Mathematics</td>
</tr>
</tbody>
</table>

### Sophomore Year

<table>
<thead>
<tr>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 French</td>
</tr>
<tr>
<td>4 Mathematics</td>
</tr>
<tr>
<td>One—4 Botany</td>
</tr>
<tr>
<td>—4 Zoology</td>
</tr>
<tr>
<td>—3 Physiology</td>
</tr>
</tbody>
</table>
JUNIOR YEAR
REQUIRED

4 Psychology
One—4 Economics
—4 Sociology
4 Physics

ELECTIVE

3 English
3 Public Speaking
4 Greek
4 Latin
4 German
4 French
3 History
3 Education
3 Religion
4 Sociology
4 Economics
3 Astronomy
3 Mathematics
4 Botany
4 Zoology
3 Physiology
5 Chemistry
3 Political Science
4 Home Economics
3 History of Art

Any Sophomore elective not already taken

SENIOR YEAR
ELECTIVE

(See same as in Classical Course.)
### Modern Language Course

#### Freshman Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One—4 German</td>
<td>One—4 German</td>
<td>One—4 German</td>
</tr>
<tr>
<td></td>
<td>—4 French</td>
<td>—4 French</td>
<td>—4 French</td>
</tr>
<tr>
<td></td>
<td>4 English</td>
<td>4 English</td>
<td>4 English</td>
</tr>
<tr>
<td></td>
<td>4 History</td>
<td>4 History</td>
<td>4 History</td>
</tr>
<tr>
<td></td>
<td>5 Mathematics</td>
<td>5 Mathematics</td>
<td>5 Mathematics</td>
</tr>
</tbody>
</table>

#### Sophomore Year

**Required**

<table>
<thead>
<tr>
<th>Term</th>
<th>4 French</th>
<th>4 French</th>
<th>4 French</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 English</td>
<td>3 English</td>
<td>3 English</td>
</tr>
<tr>
<td></td>
<td>One—4 Botany</td>
<td>One—4 Botany</td>
<td>One—4 Botany</td>
</tr>
<tr>
<td></td>
<td>—4 Zoology</td>
<td>—4 Zoology</td>
<td>—4 Zoology</td>
</tr>
</tbody>
</table>

**Elective**

<table>
<thead>
<tr>
<th>Term</th>
<th>4 Mathematics</th>
<th>4 Mathematics</th>
<th>4 Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 Astronomy</td>
<td>3 Astronomy</td>
<td>3 Astronomy</td>
</tr>
<tr>
<td></td>
<td>5 Chemistry</td>
<td>5 Chemistry</td>
<td>5 Chemistry</td>
</tr>
<tr>
<td></td>
<td>5 Greek</td>
<td>5 Greek</td>
<td>5 Greek</td>
</tr>
<tr>
<td></td>
<td>4 Latin</td>
<td>4 Latin</td>
<td>4 Latin</td>
</tr>
<tr>
<td></td>
<td>4 German</td>
<td>4 German</td>
<td>4 German</td>
</tr>
<tr>
<td></td>
<td>4 Education</td>
<td>4 Education</td>
<td>4 Education</td>
</tr>
<tr>
<td></td>
<td>4 Political Science</td>
<td>4 Political Science</td>
<td>4 Political Science</td>
</tr>
<tr>
<td></td>
<td>4 Botany</td>
<td>4 Botany</td>
<td>4 Botany</td>
</tr>
<tr>
<td></td>
<td>4 Zoology</td>
<td>4 Zoology</td>
<td>4 Zoology</td>
</tr>
<tr>
<td></td>
<td>3 Physiology</td>
<td>3 Physiology</td>
<td>3 Physiology</td>
</tr>
<tr>
<td></td>
<td>4 Home Economics</td>
<td>4 Home Economics</td>
<td>4 Home Economics</td>
</tr>
<tr>
<td></td>
<td>3 History of Art</td>
<td>3 History of Art</td>
<td>3 History of Art</td>
</tr>
</tbody>
</table>

#### Junior Year

**Required**

<table>
<thead>
<tr>
<th>Term</th>
<th>4 Psychology</th>
<th>4 Introduction to Philosophy</th>
<th>4 Ethics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One—4 Economics</td>
<td>One—4 Economics</td>
<td>One—4 Economics</td>
</tr>
<tr>
<td></td>
<td>—4 Sociology</td>
<td>—4 Sociology</td>
<td>—4 Sociology</td>
</tr>
<tr>
<td></td>
<td>3 English</td>
<td>3 English</td>
<td>3 English</td>
</tr>
<tr>
<td>Year</td>
<td>Course</td>
<td>Credits</td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>---------------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>Sophomore</td>
<td>Public Speaking</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Greek</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Latin</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>German</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>French</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Religion</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sociology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Astronomy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Botany</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zoology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physiology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Political Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Home Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History of Art</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Any Sophomore elective not already taken.

**SENIOR YEAR**

**ELECTIVE**

(Same as in Classical Course.)
 Aside from our School of Education the University as yet has not deemed it wise to organize other professional schools. However, the curriculum of the College of Liberal Arts and affiliated schools is so rich and varied that it presents excellent opportunities for many desiring to take technical courses to do their first two years of work in this institution. In order to enable the prospective student to readily ascertain the courses that are being offered we submit the following two-year course for those planning to graduate from professional schools.

**AGRICULTURE**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Rhetoric)</td>
<td>4</td>
</tr>
<tr>
<td>General Botany</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Zoology</td>
<td>4</td>
</tr>
</tbody>
</table>

**ENGINEERING**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Rhetoric)</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Algebra and Trigonometry</td>
<td>5</td>
</tr>
<tr>
<td>or Chemistry</td>
<td>5</td>
</tr>
</tbody>
</table>

**FORESTRY**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Rhetoric)</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>General Botany</td>
<td>4</td>
</tr>
<tr>
<td>Algebra and Trigonometry</td>
<td>5</td>
</tr>
</tbody>
</table>

**JOURNALISM**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Rhetoric)</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>4</td>
</tr>
<tr>
<td>Science</td>
<td>5</td>
</tr>
<tr>
<td>Politics</td>
<td>4</td>
</tr>
</tbody>
</table>

**PHARMACY**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>General Botany</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
</tr>
</tbody>
</table>

* Students looking toward the medical profession will find it to their advantage to pursue the studies as outlined here.
Ancient Languages

PROFESSOR ARTHUR L. MARSH

The aim of this department is to pursue not only a thorough but an appreciative study of time-honored classics of representative Greek and Latin authors. Intensive work in the mastery of forms, vocabulary, and idioms is insisted upon for the sake of the splendid discipline afforded in the acquisition of a highly inflected language; but extensive work in rapid reading and sight reading is pursued throughout all the courses. Readings in contemporaneous social and political life are made to supplement and enliven the translation. Both free and literal translation is required, with emphasis placed on natural reading.

GREEK

1, 2, 3. Elementary Greek. A thorough drill in fundamentals, both analytic and constructive, combined with memoriter methods in the study of forms. Rational study of grammatical construction, and comparison with Latin syntax. Special attention to vocabulary, and emphasis on the writing of Greek sentences. First book of Xenophon's Anabasis read in the spring term. Text: Burgess and Bonner's Elementary Greek. For classical Freshmen. Five hours per week throughout the year.

4, 5, 6. Anabasis; New Testament Greek. Two terms devoted to the Anabasis (Books II., III., IV.). Emphasis on forms and syntax. Prose composition (Pearson's text), one day per week. In the spring term the gospel of Luke will be read with sight reading from the Gospel of John. Prerequisite 1, 2, 3. For Classical Sophomores. Four hours per week.


10. Xenophon. Memorabilia. A study of the life and teachings of Socrates from a practical point of view. Survey of contemporary Athens. Prerequisite 4, 5, 6. Four hours per week. Fall term.


LATIN


3. Roman Life. The course will present the salient features of the life of the Roman people in domestic, social, economic and other aspects. Special attention to prominent institutions, such as the Circus, Colosseum, Forum, Temples, Roads and Aqueducts. Some time devoted to earlier and later epochs, but especial attention paid to the times of Cicero and Augustus. Prerequisites, Roman History and two years Latin. Four hours. Spring term.

4. Cicero's De Amicitia and De Senectute. Careful study of one and rapid reading of the other of these two masterpiece essays. Comparison with more recent literature on Friendship and Old Age. Prerequisite, four years Latin. Four hours. Fall term. Not offered 1912-13.
5. **Tacitus' Agricola and Germania.** All of the panegyric and selections of the essay will be read. A study of the life and times of Tacitus. Comparisons of Roman life of the period with the civilization of the Germans. Special attention to Tacitean style. Prerequisite, four years Latin. Four hours. Spring term. Not offered 1912-13.

6. **Roman Religion.** A lecture course with collateral reading and reports. A survey of the worship of the Romans from the earliest period to the conquest of Christianity. Special attention given to the important cults and festivals. Prerequisites, Ancient History and two years Latin. Four hours. Spring term. Not offered 1912-13.
Modern Languages

PROFESSOR HUGO P. J. SELINGER
MR. SAMUEL DUPERTIUS

The courses of this department are arranged to give the student an accurate, practical comprehension of the languages, which will enable him to apply his knowledge to their reading, writing and conversation. Through a study of the best works, both classic and modern, he is made familiar with the literature, customs, character and social life of the people and the times. The conversational method is used, supplemented by composition and discussion to familiarize him with the idiom of the language and to train the ear as well as the eye.

GERMAN

1, 2, 3. Elements of German. In this course a careful study of the elements of grammar is pursued throughout the year. Much time is devoted to the acquisition of a correct pronunciation, a vocabulary, the memorizing of simple poems and folk songs, and conversation. Beside the Grammar, about 200 pages of easy, idiomatic German are read. Daily written work for the first two terms, and beginnings of free composition during the third term. Bacon's German Grammar, and Wesselhoft's Glueck Auf are used.

4, 5, 6. Intermediate German. Open to students having completed the above. Composition and conversation are regularly required. During the Fall Term a large amount of easier German is read, with a view of increasing the vocabulary. An intensive study of Schiller's Wilhelm Tell is made during the Winter Term and the first half of the Spring Term. The remainder of the year is devoted to rapid reading of modern German prose. Four hours.

7, 8, 9. Advanced German. Open to students having completed the above or its equivalent. This course begins a study of the German epic and the German Romance and Drama. Goethe's "Hermann and Dorothea," Schiller's "Jungfrau von Orleans" or "Wallenstein," Hauff's "Lichtenstein," Lessing's "Minna" or "Nathan" are some of the works read.
Thesis work in German is regularly required. An outline of the History of German Literature is presented during the Spring term. Four hours, throughout the year.

10, 11, 12. Advanced German. Open to students having completed the above or its equivalent. Goethe's Faust is studied in the Fall Term, while one of the more difficult modern dramas is read in the Winter Term. The Spring Term is devoted to an outline study of the History of German Literature. The lectures are given in German and a large amount of collateral reading is required. Four hours, throughout the year.

13. Scientific German. A study of advanced scientific prose, and the reading of some Monograph in either Chemistry, Psychology, Theology or Sociology. Prerequisite: Courses 1-6 or their equivalent. Two hours, Winter Term.

Deutscher Conversations Club. In connection with the work of the Department a German Conversations Club will be organized, for the purpose of practicing German Conversation under conditions of social life. All members of the University are eligible to membership who have had more than one terms work of German. The Club will meet once every two weeks, alternating with the meetings of the Cercle de Conversation Francaise.

FRENCH.

1, 2, 3. Elements of French. In this course a careful study of the elements of grammar is pursued throughout the year. Much time is devoted to the acquisition of a correct pronunciation, a vocabulary, the memorizing of simple poems and folk songs, and conversation. Beside the Grammar about two hundred pages of easy French are read. Fraser and Squair's grammar is used.

4, 5, 6. Intermediate French. Open to students having completed the above course or its equivalent. Composition and conversation are regularly required. Several works of intermediate grade are read through the year, such as Merimee's Colomba, Halevy's L'Abbee Constantin, and a play or two by Moliere. Four hours per week.

7, 8, 9. Advanced French. Open to students having completed the above courses or their equivalent. Much time is given to advanced composition and syntax. Original themes are required. The works read during the year are chosen from the
exponents of the classical and modern dramatic school, such as Comeille, Raime, Coppee and Maupassant. An outline of the History of French Literature is presented during the Spring Term. Four hours throughout the year.

13. **Scientific French.** A study of advanced scientific prose, and the reading of some Monograph in either Chemistry, Psychology, Theology or Sociology. Prerequisite: Courses 1-6 or their equivalent. Two hours, Spring Term.

**Cercle de Conversation Francaise.** In connection with the work of the Department a French Conversation Club will be organized, for the purpose of practicing French Conversation, under conditions of social life. All members of the University are eligible to membership who have had more than one term's work in French. The Club will meet once every two weeks, alternating with the meetings of the Deutsch Conversations Club.

---

**ENGLISH**

**PROFESSOR ROSE ABEL**

It is essential that a course in English shall instill a love of reading, and cultivate the discriminating taste which is called aesthetic appreciation. Independence in criticism should be attained early in the study of literature; the acquisition of power, rather than of information, is the ideal held before the students of this department. To this end, the best productions in our mother tongue are studied, with attention to the development of type forms, the history of literary periods, and the individuality of authors. In the courses outlined below, effort is turned toward attaining familiarity with English literature, and directing and enjoying it. Since literary sense is quickened by creative effort, composition goes hand in hand with the reading of the works of the masters.

**ENGLISH**

1, 2, 3. **Freshman Rhetoric.** This course is a serious study of the principles of effective writing with training in composition. Two or three short themes are written each week, unless replaced by one large composition. Illustrative read-


5, 6. **Nineteenth Century Poetry.** The study of the poems of representative poets of the century, particularly Wordsworth, Shelly, Tennyson, Browning, Arnold, Rossetti and Morris. Page's "British Poets of the Nineteenth Century" is supplemented by lectures. Three hours. Winter, Spring. Six credits.


10, 11. **Old and Middle English.** Readings from Cook's "First Book in Old English," Cook and Tiner's Translation from Old English Poetry, and selected Middle English texts. This course is designed to give an introduction to the early English language and literature. The study of Old English grammar is accompanied by lectures upon the history, structure and vocabulary of the English language, with special attention to the relation between the earlier and the modern periods. Three hours. Fall, Winter. Six credits.
12. Chaucer. Reading from the Oxford Chaucer, The Canterbury Tales are read, also portions from Troilus and Cressida and selections from the minor poems. Three hours. Spring. Three credits.

13, 14. Browning. A study of Browning's poems with special attention to their philosophy of life. Some of the contemporary poets are taken up for the better comprehension of the period. Three hours. Fall, Winter. Six credits. Given in 1909-10.

15. Tennyson. The reading of the greater number of Tennyson's poems, with an attempt to discover what poetry of the highest order is. Three hours. Spring. Three credits. Given in 1909-10.

16, 17, 18. Literary Interpretation. A wide reading of prose and poetry, with special attention to emotional interpretation and the principles of criticism. The course will consist largely of reports made by the students upon selected readings, the purpose of the course being to secure power of interpretation, and to cultivate aesthetic appreciation. Expressive reading is attempted in the class room, and standards in literary criticism are studied in the works of Ruskin and Arnold.

MATHEMATICS

PROFESSOR FRANCIS W. HANAWALT.

The purpose of this department is two-fold, to furnish mental discipline and to show the practical application of mathematical forms and principles to the different arts and sciences. Clear thinking and the expression of such thoughts in graphic form or by clear and concise English, are emphasized; mechanical methods of obtaining results are avoided. The various courses are not taught merely as pure mathematics, but their practical application is kept in mind also; the wisdom of this course is evident when it is remembered that mathematical principles underlie the great mechanical enterprises of modern civilization.
1. **Solid Geometry.** A course in demonstrative Geometry of three dimensions, including the sphere, with emphasis on the spherical triangle, similar to that given in the fourth year of the Academy, and necessary for pursuing courses 2 and 3 advantageously. College credit will be given to those students who do not need it for college entrance, but it is not to be substituted for any of the required mathematics. Such students may take Descriptive Astronomy the remainder of the year and thus easily arrange a year's work. Fall term and first half of Winter term. Four hours. Text: Slaught and Lennes. Prerequisite, Plane Geometry and Academic Algebra.

2. **College Algebra.** A brief review of some of the fundamental principles of elementary algebra will be taken. Identities, symmetry, graphs, logarithms, theory of quadratics, series, convergency and divergency, a fundamental course fitted for the following courses of college mathematics. Required of all Freshmen. Fall term and first half of Winter term. Five hours. Prerequisite, Academic Algebra and Geometry.

3. **Trigonometry Plane and Spherical.** The development of the ordinary formulas and their use in the solution of plane and spherical triangles; exercises in analytic reductions, solution of equations, application to dihedral angles of common solids, practical problems in heights and distances, as a basis for surveying, practical astronomy, etc. Required of all Freshmen. Last half of Winter and Spring terms. Five hours. Prerequisite, courses 1 and 2.

4. **Analytic Geometry.** A course in the Cartesian and polar coordinates of the point, line, circle, parabola, ellipse, and hyperbola. Problems in loci are given their due importance; the beauty and power of algebraic geometry is amply illustrated. Required of scientific Sophomores. Fall term and first half of Winter term. Four hours. Prerequisite, courses 2 and 3.

5. **Calculus, Differential and Integral.** An ordinary course covering the fundamentals of both branches of this useful subject, but sufficiently thorough for those going on to engineering courses. Integral calculus is introduced at an early date; certain other curves besides the conic sections are used in the early practical application of the subject to geometry, physics and engineering. Required of scientific Sophomores. Last half of Winter term and Spring term. Four hours. Prerequisite, courses 3 and 4.
6. **Surveying (Both Recitation and Field Work)**, theory of U. S. land surveying and general work with chain, steel tape and transit; leveling, grades for streets, sewers, etc.; establishing north and south line from stars; keeping field notes, computation. A course in line with engineering work. Fall term. Four hours. Prerequisite, courses 1, 2 and 3.

7. **Elementary Mechanics.** Composition and resolution of forces, movements, couples, center of gravity, machines (lever, inclined plane, etc.), friction, work, laws of motion, energy, pendulum uniform motion in a circle fluid pressure, specific gravity, pressure of gases. Winter and Spring terms. Four hours. Prerequisite, Academic physics, course 3.


9. **Differential Equations.** An elementary course for those who wish the subject as a tool for physics and engineering; these practical applications will be kept constantly in mind. Winter and Spring terms. Three hours. Prerequisite, courses 4 and 5.

10. **History of Mathematics.** This course will be especially helpful to those intending to teach mathematics. It will be based on Ball and Cajori. Fall and Winter terms. Three hours. Prerequisite, courses 4 and 5.

Instead of courses six, seven, eight, nine and ten, elective courses may be arranged with proper prerequisites under Modern Higher Algebra, Determinants, Solid Analytic Geometry, and Analytic Mechanics.

**ASTRONOMY**

**PROFESSOR FRANCIS W. HANAWALT**

Astronomy is one of the branches of applied mathematics. A clear idea of spherical geometry is needed even in an elementary course, and spherical trigonometry is used more and more as one advances. In astronomical mythology, biography and history a wealth of material is found to make this science very interesting.
1. **Descriptive Astronomy.** An elementary course whose purpose is to give the student a conception of the solar system and stellar heavens; observation with the naked eye and with the 4½-inch equatorial telescope will be a regular feature of the work. Attention will be given to the constellations and current celestial phenomena. Arranged to follow course 1 of Mathematics (Solid Geometry). Last half of Winter and Spring terms. Four hours. Prerequisite, admission requirements to Freshman class in Algebra, Geometry and Academic Physics.

2. **General Astronomy.** Practical observations with the naked eye and (equatorial) telescope (made by Alvan G. Clark’s Sons), star charting, tracing courses of planets, calculation of suitable problems introductory to Practical Astronomy, use of nautical almanac, and other supplemental work in connection with Young’s Manual of Astronomy. Fall, Winter and Spring terms. Three hours. Prerequisite, courses 2 and 3 of Mathematics and Academic Physics.

3. **History of Astronomy.** A course based on Ball’s History of the science, tracing the developments of modern ideas and methods of this, the oldest science. Supplemental work on biography and present-day achievements in the observatory. Spring term. Three hours. Prerequisite, course 1 or 2.

---

**PHYSICS**

**PROFESSOR A. B. WRIGHT.**

Because of the practical value of physics and the universal and constant application of the principles of this science in every-day life, a knowledge of its principles and methods is essential to a broad and liberal education. This need the department will seek to supply by offering courses which are designed to give a full, clear and comprehensive exposition of the chief theories and laws of physics.

The method of study will be mathematical rather than historical and thus the student will become familiar with the methods of science and secure a valuable training in the accurate and con-
cise reasoning demanded by such a study. Although intended as general courses for the student who wishes to broaden his outlook upon science they will be found valuable to those who contemplate technical training or advanced work in physics as a foundation.

The Laboratory is situated in a spacious, well lighted room, furnished with running water, gas, electricity, cases for storing valuable apparatus, dark room and specially constructed tables. The equipment is ample for the majority of the courses, containing many instruments of precision and special pieces of apparatus. The addition of supplies from time to time ensures the student of proper facilities.

1. **Mechanics, Heat.** A mathematical study of the general principles in mechanics and heat. The development of the important formulas of mechanics and the application of the molecular theory of heat will be objects of special attention. The text will be supplemented by laboratory exercises illustrating the leading generalizations. Text: Kimball's College Physics. Laboratory experiments will be chosen from the works of Reed & Guthe, Millikan, Ames, Franklin, Crawford and MacNutt and others. Fall term. Four hours. Prerequisite, Academy Physics, Trigonometry.

2. **Wave, Motion, Sound and Light.** A continuation of the general study of Physics using the same text as in 1. A study of vibrations and their behavior as explained by the theory of wave motion. Emphasis will be given to the portion of the work devoted to optical measurements. Winter term. Four hours. Prerequisite, Physics 1.

3. **Magnetism, Electricity and Radio-Activity.** The general theories and laws of magnetism and electricity will be presented, as well as the investigation of their more practical phases, such as the electro-magnet, dynamo, wireless telegraph, etc. The subject of radio-activity will be thoroughly discussed from the standpoint of the disintegration theory. Text: Same as 1 and 2. Spring term. Four hours. Prerequisite, Physics 1 and 2.
4. **Heat.** A study of the theory of heat for advanced students. This course will include a determination of the densities and co-efficients of viscosity of gases and liquids, vapor pressures, latent heat, specific heat, etc. Fall term. Four hours. Text: Preston’s Heat. Prerequisite, Physics 1, 2 and 3. Calculus.

5. **Sound.** An advanced study of the nature of sound and its chief characteristics. The determination of the velocity of sound in different media, analysis of vibrations and the examination of pipes and other cavities will come in for especial attention. Winter term. Four hours. Text: Thomson’s Sound. Prerequisites, Physics 1, 2 and 3. Calculus.

6. **Electricity and Magnetism.** A course devoted to the examination of the theory of electricity and magnetism. Besides a thorough theoretical consideration of the subject, the course will include the determination of the more important constants and the application of the electromagnetic theory. Spring term. Four hours. Text: Webster’s Theory of Electricity and Magnetism, and Thomson’s Conductivity of Electricity Through Gases. Prerequisite, Calculus, Physics 1, 2 and 3.

7. **Household Physics.** A course designed for students in household economics. The discovery of the various physical laws governing heating, ventilation, lighting, the use and operation of plumbing systems, etc., and their application to varied conditions will constitute the subject matter of the course. Laboratory exercises will supplement the class work. Winter and Spring terms. Two hours. Prerequisite, Preparatory Physics.

**CHEMISTRY**

**PROFESSOR A. B. WRIGHT.**

The increasing complexity and demands of modern life require of every one some understanding of the principles and methods of science. To this end the courses of this department are shaped with the added purpose, that, while the student may secure a broad grasp of the theoretical and practical nature of chemistry,
he may at the same time discover the mutual relations and inter-
dependence between the several sciences.

Particular attention will be paid to the practical application
of the science and the work of this department will be found to be
valuable for those contemplating the study of medicine, dentistry,
pharmacy, engineering or household science. Courses in agricul-
tural and industrial chemistry will be added from time to time as
the need of the work arises. Every effort will be made to give
the most thorough and advanced undergraduate training possible
for those who specialize in this subject.

The Laboratory occupies a large, well-lighted and well-ven-
tilated room fitted with work desks, lockers, storeroom, etc., all
arranged in the most approved style. Each desk is equipped with
sink, running water, gas, and electricity. Besides the usual sup-
plies found in the average laboratory will be found the necessary
balances, blast lamps, platinum, glass and porcelain ware and spe-
cial forms of apparatus for the most complete work. New equip-
ment is being added constantly as the demand for more special-
ized and technical work arises. Opportunity will be given to
advanced students for doing practical analytical work in building
materials, paving materials, mineral and vegetable oils, foods,
waters and many other substances in commercial use.

The needs of the department make it necessary that Courses 4,
5, and 6 in qualitative and quantitative analysis be given in alter-
nate years, the work in organic chemistry succeeding. This,
however, will still make it possible for the student to do the
entire work of the department in the four years' course.

1, 2, 3. General and Inorganic Chemistry. A general survey of
the principles of Chemistry, furnishing a foundation for
advanced work in this department. It will combine a study
of the properties and chemical relations of the more com-
monic elements with a development of the basic generalizations of chemical theory from the ionic standpoint. Smith's Chemistry for College will be used as a text, supplemented by lectures and laboratory work. Throughout the year. Three hours recitation and six hours laboratory work each week. Credit five hours. Prerequisite, Preparatory Physics, Geometry.

4. Qualitative Analysis. The principles of qualitative analysis from the standpoint of the theory of electrolytic dissociation and the law of mass action. This course will furnish methods for the detection and separation of elements and give an introduction to the theory of quantitative and general chemistry. Text: Bottgers' Qualitative Analysis. Fall term. Two hours recitation and eight hours laboratory work each week. Credit five hours. Prerequisite, Chemistry 1, 2 and 3.

5. Quantitative Analysis. Designed for students desiring an introduction to the methods of practical analysis. The preparation and testing of re-agents, standardization of solutions and the estimation of the more common elements by gravimetric and volumetric methods will constitute the course and will be supplemented by exercises in stoichiometry. Text: Talbots' Quantitative Analysis. Winter term. One hour recitation and ten hours laboratory work each week. Credit five hours. Prerequisite, Chemistry, 1, 2, 3 and 4.

6. Advanced Analysis. A laboratory study of advanced technical methods used in the valuation and substances used in commerce, agriculture and the arts. Special attention will be given to estimation by volumetric and electro analysis. Olson's Quantitative Analysis will be used as a text, supplemented by methods drawn from various advanced works. Spring term. Five hours. Prerequisite, Chemistry 1, 2, 3, 4 and 5.

7, 8, 9. Chemistry of the Carbon Compounds. A study of the general principles and practical application of organic chemistry maintaining a careful balance between theory and practice. Several series of hydrocarbons and their derivatives will be studied as types and their chemical relations will be illustrated by the preparation of a number of compounds of the aliphatic and aromatic series. Text, Remsen's Organic Chemistry, Jones' Laboratory Manual. Throughout the year,
two hours recitation and lectures and eight hours' laboratory work each week. Credit five hours. Prerequisite, Chemistry 1, 2 and 3.

10. **Food Analysis.** An advanced course for those specializing in chemistry or in household economics. The analysis of water, milk, butter, sugar, and all other important food stuffs, the estimation of alcohol in fermented and spiritous liquors, and the detection and valuation of adulterations in foods will comprise the laboratory work. Text: Leffman and Beam's Food Analysis, with methods drawn from the works of Leach, Wiley and others. Spring term. Laboratory work, ten hours each week. Credit, five hours. Prerequisite, 1, 2, 3, 4 and 5.

11. **Sanitary and Applied Chemistry.** This course will be a thorough investigation of the chemical composition of the atmosphere, water, sewage, soap and the various cleansing and disinfecting agents. Problems arising in connection with these and with the various systems of heating, lighting and ventilation will receive careful study. The work of the lectures and recitations will be aided by a series of practical qualitative experiments. Although primarily intended for students specializing in household economics, this course will be found to be valuable to all students contemplating teaching or advanced work in science. Text: Bailey's Sanitary and Applied Chemistry, Part I; Vulte and Goodell's Household Chemistry. Fall term. Two hours' recitation and lectures, and six hours' laboratory work per week. Credit, four hours. Prerequisite, Chemistry 1, 2, 3.

12. **Chemistry of Foods.** A study of the food supply, involving the composition of foods, their preparation and the various methods of adulteration. This will include a laboratory investigation of the raw materials, the prepared foods and qualitative tests for the detection of adulterants and preservatives. The subject of dietetics will be viewed from the chemical standpoint and the consideration of balanced rations and economy of foods will receive through study. Text: Bailey's Sanitary and Applied Chemistry. Part 2 and Vulte and Goodell's Household Chemistry. Winter term. Two hours' recitation and lectures, and six hours' laboratory work will be required each week. Credit, four hours. Prerequisite, Chemistry 1, 2, 3.
13. Physiological Chemistry. A course designed for those interested in household economics or medicine. An examination of the chemical constituents of the body and the chemical changes involved in normal life processes, including the identification of the most important compounds and enzymes in the laboratory. Some quantitative estimations will be made, especial attention being given to blood and urinary analysis. Text: Long's Physiological Chemistry. Winter term. Two hours' recitation and eight hours' laboratory each week. Credit, five hours. Prerequisite, Chemistry 1, 2, 3, 4, 5 and 7, 8, 9 are desirable.

14. Industrial Chemistry. A study of the chemical processes involved in various industries. The utilization of byproducts, discovery of new materials of commercial importance, chemical changes occurring in the manufacturing processes and the construction and operation of plants will be treated in lectures and recitations. Thorpe's Outlines of Industrial Chemistry will be followed as a guide. Throughout the year, two hours. Prerequisite, Chemistry 1, 2, 3, 4, 5.

GEOLOGY

It is the endeavor of this department to offer a well-rounded year's work in geology which shall permit a clear comprehension of the fundamental facts and theories of this science and at the same time furnish a foundation for advanced work in the different phases of earth science.

The lecture and text work will be supplemented by well-chosen and pertinent examinations and tests in the laboratory.

1. Descriptive Geology. Designed for those who wish to obtain an outline of the methods and principal results of this science. A study of the earth's history as recorded in the rocks and of the agencies involved in producing this development. The changes in geographic conditions and the development of plant and animal life forms will receive special attention. Text: Chamberlain's & Salisbury's College Geology. Fall term, four hours. Prerequisite, Chemistry 1, 2, 3. Biology.
2. **Economic Geology.** A general survey of the mineral resources of the United States, accompanied by specific and typical illustrations of the more important classes of deposits. The economic and statistical aspects of the subject will be thoroughly investigated, supplemented by a laboratory investigation of the common ores and minerals and the rocks with which ores are associated. Winter term. Three hours. Prerequisite, Geology 1. Text: Tarr's Economic Geology of the United States.

3. **Mineralogy.** An investigation of the elements of crystallography and the physical and chemical proportions of minerals. This will include identification of the more important minerals and common rocks through an examination of their physical properties and by means of blowpipe analysis. Text: Moses and Parsons' Mineralogy. Spring term, three hours. Prerequisite, Geology.

4. **Physiography.** A study of the earth's features with reference to their origin and significance and the agencies affecting changes in geographic features. This will involve a consideration of the common minerals and rocks and some study of the principles of meteorology and oceanography. Laboratory work in the use of topographic maps and the making of relief maps will supplement the text work. Text: Salisbury's Physiography. Fall term, four hours. Prerequisite, Preparatory Biology.

---

**DEPARTMENT OF BIOLOGY**

**PROFESSOR M. R. MARSH**
**DR. E. A. RICH**
**DR. J. R. BROWN**

Our location on the shores of Puget Sound and our proximity to many fresh water lakes and streams puts us in the heart of veritable zoological and botanical gardens. The student is able to study fauna and flora in their natural surroundings and trips are made to the sea, the lakes and the forest for this purpose. The newness of the country offers a great field for research work.
LABORATORY

The biological laboratory is a large, airy, well-lighted room with culture and store room adjoining. It is provided with twelve tables, commodious lockers, cases, running water, gas and electricity. Microscopes, a rotary microtome, stereopticon, sterilizing ovens, incubator, paraffine bath, delicate balances, together with all the equipment necessary, are here to facilitate the work in the courses offered. The stock room is well supplied with materials for study and research. Several of the latest works pertaining to biology have been added to the reference library.

BOTANY

The courses in Botany are planned with the following ideas in view: To give the student an opportunity to become familiar with the plants of this region; to bring out the unity of structures and similarity of functions in the plant kingdom, as a part of a general education; to prepare the student for teaching or investigation.

Courses 1, 2 and 3 inclusive are primarily for those who do not offer a year of Botany for entrance. Courses 4, 5 and 6 are open to students who have completed 1, 2 and 3, or their equivalent. Given each year.

1. **Morphology, Physiology and Anatomy** of leaves, stems, roots and seeds; the relation of plants to soil, air, light and water, determined by experiment. Two lectures. Four hours laboratory. Credit, four hours. Fall.


3. **Spermatophytes.** Morphology and Ecology of the Gymnosperms and Anisperms, together with a study of their typical fruits. Lectures and laboratory as in Course I. Spring.
4. **Plant Physiology.** This course is concerned with the study of living plants, including a study of living protoplasm, of the phenomena of germination, respiration and growth; of the movements of liquids in plant tissues; response to stimuli, variation and heredity. An experimental course. Prerequisite, Chemistry and Courses 1, 2, 3. One lecture. Six hours laboratory. Fall and Winter.

5. **Descriptive and Systematic Botany.** A general introduction to the systematic study of flowering plants. It aims to make the student familiar with the language of systematic Botany, to develop skill in manipulation and systematic habits of observation, illustrating the more important characters on which classification is based. Use of the analytical key. A herbarium of fifty flowering plants, analyzed and mounted, is required. Two hours of the laboratory period will be spent in the field. Prerequisite, 1, 2 and 3. Required of those preparing to teach high school Botany. One recitation. Four hours laboratory. Three credits. Given Spring, 1912.

6. **Ecology.** This includes geographical and zonal distribution of plants; determination of Hygrophytes, Mesophytes, and Xerophytes. How plants adapt themselves to their surroundings; relation of plants to animals, etc. This course takes up the more practical phases of plant activities and relationships. Excursions are made to study the different plant societies. Collections representing the different groups of plants will be one of the features of the course. Lectures, laboratory and field work throughout the year. Three credits. Prerequisite, 1, 2, 3. Given 1911-12. Offered in alternate years.

7. **Plant Histology.** Preparation of slides for the microscope. This includes imbedding, making microtome sections, use of stains, examination of tissues, methods of drawing and measurements of magnification. Lectures on laboratory methods and development of the various tissues. Six hours laboratory, one lecture. Credit, four hours. Prerequisite, High School or College Chemistry and Botany 1, 2 and 3. Chamberlain's Histology is used as a guide. Given 12-13. Two terms.

8. **Bacteriology.** The course in Bacteriology is designed to meet the requirements of the Home Economics Department. It includes laboratory practice in preparing and sterilizing media; growth and isolation of pure cultures. A practical
study of yeasts, molds and bacteria in relation to the home; beneficial and harmful aspects of these organisms. Use of cleansing and disinfecting agents. Conn’s text is used. Botany I, II and III or their equivalent and an elementary course in Chemistry are prerequisite to this course.

9. Biology and Methods. Today, even to the kindergarten teacher, a broad scientific foundation is essential. With this in mind the following course is planned to give the teacher a comprehensive view of the biological field. Textbooks, lectures and laboratory methods are combined, frequently field excursions will be substituted for laboratory work; our location offering very unusual advantages for the study of varied forms and aquatic life. Discussions and observations of the fundamental laws of living things and the methods of presenting the same to children. Open to Normal students only. No prerequisite is essential. Lectures, recitations and laboratory work. Credit, three hours. Three terms.

**ZOOLEGY**

**PROFESSOR M. R. MARSH**

**DR. E. A. RICH**

**DR. J. R. BROWN**

The courses in Zoology are developed from the broadly biological point of view. The lectures will treat of the development, structure, relationships, and ecology of the different groups of animals. The work is divided into three courses. Field excursions are made to study the local fauna. A student can enter courses 11 or 12, but is advised to take the courses in their order to get a systematic development of the types of the animal kingdom. A well prepared notebook is required in all courses. Each course consists of two lectures or recitations and four hours’ laboratory. Fee, two dollars per term.

11. A continuation of Course 10, devoted to the higher invertebrates, the Crustacea, Arachnida, Myriapoda, Insects, together with lectures on the evolution of the invertebrates. Winter term.

12. **Vertebrate Zoology.** In the third term the class will take up the historical development of Zoology and study a couple of the lower forms of the vertebrates, in order that the course may be made more complete for those who can not spend two years on the subject. A number of lectures on Variation and Heredity, and Evolution, are given at this time. Spring term.

13. **Entomology.** A systematic study of insects, including field observation and collecting, and museum methods of forming and arranging collections. Four hours laboratory. One lecture. Open to advanced students in Biology. Given 1911-12.

14. **Human Physiology.** The design of the course in Physiology is to investigate more thoroughly than is usually done in collegiate courses into the intricacies of physiological science. The work comprises lectures, laboratory work and discussions which bring the subject constantly down to the latest conceptions and findings. Preparatory for those who anticipate entrance to a medical course and for others who wish to investigate into the deeper workings of Physiology. Lectures two hours per week. Laboratory two hours. Credit, three hours. Fall and Winter. Dr. Rich.

15. **Physiology of the Nervous System.** Under this subject is arranged a series of lectures and demonstrations dealing with the anatomy and functions of the central nervous system. It is intended to outline the physiological nervous activities emanating from the brain and allied structures, and to investigate the physiology of the special senses, speech and thought. Prerequisite, Course 14. Spring. Dr. Rich.

16. **Practical Hygiene.** A special course of twelve lectures on Practical Hygiene is a systematic but necessarily brief manner. The more salient points of this very important branch of applied science will be taken up. An elementary knowledge of such important topics as food, air, soil, water, housing, disposal of sewage and garbage, disinfectants, quarantine, occupations, personal hygiene, vaccination, and disposal of the dead, is absolutely essential in these times when prevention of disease is a far more important subject than the curing of disease. Spring term. Dr. Brown.
AGRICULTURE

1, 2, 3. Chemistry. A study of the properties and chemical relations of the more common elements with a development of the basic generalizations of the chemical theory from the ionic standpoint. Five hours. Fall, Winter and Spring.

4. Physiological Chemistry. An examination of the chemical constituents of the body and the chemical changes involved in normal life processes. Identification of the most important compounds and enzymes in the laboratory; blood and urinary analysis. Text: Long's Physiological Chemistry 1, 2, 3.

5. Food Analysis. The analysis of water, milk, butter, sugar, and all other important food stuffs; the estimation of alcohol in fermented and spirituous liquors, and the detection and valuation of adulterations in foods. Texts: Leffman and Beam's Food Analysis. Fall term. Five hours. Prerequisite, Chemistry 1, 2, 3, 4, 5, -10.


7. Plant Physiology. The study of living plants, including a study of living protoplasm; of the phenomena of germination, respiration and growth; of the movement of liquids in plant tissues; response to stimuli; variation and heredity. An experimental course. Prerequisite, Chemistry and Elementary Botany. One lecture. Six hours laboratory. Fall and Winter.

8. Ecology. This includes geographical and zonal distribution of plants, determination of Hygrophytes, Mesophytes, and Xerophytes. How plants adapt themselves to their surroundings; relation of plants to animals, etc. This course takes up the more practical phases of plant activities and relationships. Excursions are made to study the different plant societies. Collections representing the different groups of plants will be one of the features of the course. Prerequisite, 1, 2, 3, or their equivalent. Throughout the year. Given 1911-12.
9. **Bacteriology.** Laboratory practice in preparing and sterilizing media and the isolation of pure cultures; methods of staining, studying and cultivating bacteria; lectures on the topics of spontaneous generation, the germ theory of disease, immunity and related problems. Prerequisite, Botany or Zoology and Chemistry. Given 1911-12. Fall, Winter.

10. **Economics of Agriculture.** The factors of agricultural production and their economic properties. The organization or the farm in the selection of land, capital—goods, crops and animals. Size of farms. Forces and conditions which determine the prices of agricultural products. Rents, and methods of estimating value of farm land. Tenancy and means of acquiring land. Two hours. Spring.

11. **Economics of Horticulture.** A practical course in the development of orchards and vineyards, dealing with the selection of soils, proper planting, care and preservation; the control of pests, irrigation, and the commercial management of the product. A brief study of forestry is to be included in this course. Two hours. Spring term, 1913.

12. **Economics of Gardening.** A practical treatment of the problems of both the small gardener and those operating on a larger scale, dealing with fertilization, methods of cultivation, selection of proper seed and vegetables, and profitable management from the standpoint of the market. Members of class will be expected to carry on practical experiments in connection with class work. Two hours. Spring term.

---

**DEPARTMENT OF HISTORY**

**PROFESSOR WALTER S. DAVIS**

Introductory statement. The work of the department of History has been selected and will be conducted with the following aims in view:

1. To acquaint students with the general course of the main stream of human history from the earliest times to the present time and to point out the growth of the chief institutions of society; the family, the state, the church, the school, and industry.
2. To give that general culture which constitutes a part of a liberal education.

3. The lessons of history are valuable in the solution of problems arising in the history of nations to-day. Its pages are full of examples of patriotism and incentives to good citizenship and to wide human sympathy.

4. History is the storehouse of facts to which must come students of other social sciences—Political Science, Economics, Sociology, Philosophy, and International Law.

5. History has the practical value of furnishing a basis for those contemplating law, diplomacy, the civil service, business, journalism, or the teaching profession.

HISTORY
GROUP I.

1. Mediaeval History. The social, political, military and religious history of Europe from the Germanic migrations to the discovery of America and the Protestant Revolution; Empire of Charlemagne; Feudalism, Chivalry, and the Crusades; struggle for supremacy between Empire and Papacy; founding and growth of modern nations; the Renaissance and awakening of the Nations preceding modern times. Texts: Trenholme’s "Syllabus for the History of Western Europe," Robinson's "History of Western Europe," Robinson's "Readings in European History." Required of Freshmen. Given annually. Fall term. Four hours.

2. Modern History. The Reformation Period. A study in detail of the Reformers before the Reformation; of the lives and influence of Luther, Calvin, Zwingli, Melanchthon, Knox and leading reformers; progress of the Reformation in Germany, France, The Netherlands, England, Scotland and Scandinavia; the Catholic counter-reformation; the Thirty-Years' War and the Treaty of Westphalia; progress toward freedom and toleration. Texts as in Course I. Winter term. Required of Freshmen. Given each year. Four hours.

3. Modern History. Continuation of Course 2. From the treaty of Westphalia to the present time. The growth and devel-

GROUP II.


9. **American History.** Continuation of Course 8. Administrations of President McKinley, Roosevelt, and Taft. McKinley and Expansion. Roosevelt and the Civic Renaissance. Taft and World Arbitration. The Dingley Tariff. Growth of Trusts, the Spanish War, the Philippines, Annexation of Hawaii, Rise of William Jennings Bryan, Campaign of 1900 and "Imperialism," Death of President McKinley, the Pennsylvania Coal Strike, Department of Commerce and Labor, Panama Canal, Louisiana Purchase Exposition, Wireless Telegraphy, Admission of Oklahoma, New Mexico and Arizona, Cruise of the Battleships, Conservation of National Re-

Various special history courses are given by departments closely related to History. Examples of these courses are the History of American Diplomacy, Economic History of the United States, Financial History of the United States, Constitutional History of the United States, the History of Education and Church History.

POLITICAL SCIENCE AND LAW

PROFESSOR WALTER S. DAVIS

Of the five great institutions of human society, the family, the state, the church, industry and the school, Political Science has to do with the state, or the political organization of society.

The work of this department in the University is intended to make the student acquainted with the various forms of American government, national, state, county, township, and municipal, together with comparative national government.

GROUP I.


2. History of Political Parties in the United States. Whigs and Tories, Federalists and Anti-Federalists, the Democratic-Republican Party, the Democratic, the National Republican, the
Whig, and the present Republican Party. The minor parties: Anti-Masonic, Liberty, Free Soil, Know Nothing, Greenback, Prohibition, Populist, Labor and Socialist. Great party leaders, attitude of parties on great questions, and party problems, such as Primary Election Reform, the Convention System, Rings and Bosses, the Gerrymander and Party Independence. Text: Woodburn’s “Political Parties and Party Problems in the United States.” For Sophomores, Juniors and Seniors. Winter Term. Four hours. Given 1913-14.


**GROUP II.**

4. **The American Congress and the State Legislatures.** A study of the manner in which law-making bodies in the United States are organized and operated, with special emphasis on the latter causes for the popular criticism of our legislative bodies and for their comparative loss of prestige. The functions of Congress and the State Legislatures, their apportionment, election and procedure. Forces influencing legislative action and the methods of the perversion of legislatures, the merits and dangers of the legislative product. Texts: Reinsch’s “American Legislatures and Legislative Methods” and Bryce’s “American Commonwealth.” Fall term. Four hours. Given 1912-13. Sophomores, Juniors, and Seniors.


GROUP III.


9. Constitutional Law. The questions that have arisen and continue to arise in regard to the exact meaning of the provisions of the Federal Constitution, and of the constitutions of the different States, are studied both historically and logically. Lectures on the subject are given to shed light on points of difficulty, and to explain the principles of a correct interpretation of American constitutional law. Text: McClain's "Constitutional Law." Four hours. Winter. Given 1912-13.


11. The History of American Diplomacy. A study of the leading American treaties, Secretaries of State, Diplomats, and incl-

12. Blackstone. Courses in Blackstone will be given during the year 1912-13 if a sufficient number of those who have completed the course in Elementary Law desire the work. The study of Blackstone will continue through two terms and will be the equivalent of similar courses offered in the best law schools. Winter and Spring. Four hours.

ECONOMICS

PROFESSOR J. C. ZELLER

The work of this department is intended to provide theoretical and practical training in the various related branches of economics. Its distinct aims are to teach methods of work, to foster a judicial spirit, and to cultivate independent research.

These courses are offered both to those engaged in undergraduate work and those pursuing studies for the Master’s degree. They are intended to provide special training for those contemplating commercial careers, public service, journalism, and teaching. Since institutions are an outgrowth of history, the historical element must always hold a place of prominence in studies of this character. Only those who have some training in history can hope to pursue these studies intelligently.

A part of the following courses will be offered each year, but they will be given in such a manner that a student specializing in this department may take all of them during his regular college course. The method of instruction will be that of lecture, recitation, class reports, written tests, and papers.

1. Introduction to Economics. An elementary course which considers the principles of production, distribution, money, banking and international trade. The labor movement, monopo-
lies, trusts, and the railroad problem are treated in outline. Seager’s “Introduction to Economics” is used as the chief text. Four hours. Fall term, 1912.

2. History of Commerce. A study of the purpose and development of commerce, showing the various transformations through which it has passed from ancient to modern times. Attention is given to the town, land, and sea trade of mediaeval history, the influence exerted by exploration and discovery, the rise of the mercantile and industrial systems, and the development of modern transportation facilities. Special attention is given to the Commerce of the United States. “A History of Commerce,” by Day, serves as the basis for this course. Four hours. Fall term, 1913.

3. Economic History of the United States. The course begins with the explorations and settlements that led to the colonization of the continent, and then traces the development of agriculture, manufactures and transportation, and the growth of commerce, labor and population from the simple rural conditions of colonial life to the complex industrial society of today. It attempts to show the economic causes of important events, and to give the student a basis for the economic interpretation of history. Bogart’s “Economic History of the United States” is used as a text. Four hours. Given Winter term, 1913.

4. Money and Banking. Examination into the history and principles of money, whether metallic or paper. A description of the functions of a bank, followed by the history of Banking in the United States, the National and State banking systems. Attention is given to the banking systems of England, France, Germany and Canada. Four hours. Winter term, 1913.


6. Trust Finance. A study of the nature of the competitive situation out of which the trust arises; the motives to which the trust promoter appeals in presenting his proposition; the part played by the underwriter, and the methods employed
in disposing of the stocks: methods resorted to in order to obtain new capital; forms of capitalization and legislative regulation. Two hours. Spring term, 1913.

7. **Railroad Transportation.** A general course dealing with the most important principles and facts relating to railways and waterways. The development of the railroad, including its organization, management and consolidation, together with the subject of rates, and public control. Johnson’s “American Railway Transportation,” Hadley’s “Railroad Transportation” and Johnson’s “American Transportation Problems” will be used as guides. Three hours. Given Spring term, 1913.

8. **Ocean and Inland Water Transportation.** An outline of the growth of ocean commerce, the development of the steamship, modern freight, mail, express and passenger service, and the organization and regulation of ocean carriers. Also a study of the canals and inland waterways of the United States, with special reference to Domestic Commerce. The excellent text of Emory R. Johnson will be used as a guide. Three hours. Given 1912.

9. **Real Estate.** A course designed to give a practical knowledge of the legal and business aspects of the sale, purchase and management of real property. Subjects considered: Titles, mortgages, deeds, records, and abstracts; the valuation, location and management of office buildings; the handling and development of ranching property and irrigated lands; and the function of building and loan associations. Three hours.


11. **Economics of Horticulture.** A practical course in the development of orchards and vineyards, dealing with the selection of soils, proper planting, care and preservation; the control of pests, irrigation, and the commercial management of the product. A brief study of forestry is to be included in this course. Two hours. Spring term, 1913.
12. **Economics of Practical Gardening.** A practical treatment of the problems of both the small gardener and those operating on a larger scale, dealing with fertilization, methods of cultivation, selection of proper seed and vegetables, and profitable management from the standpoint of the market. Members of class will be expected to carry on practical experiments in connection with class work. Two hours. Spring term.

**SOCIIOLOGY**

**PROFESSOR J. C. ZELLER**  
**PROFESSOR H. P. J. SELINGER**  
**REV. L. J. COVINGTON**

The purpose of this department is to present to the student a comprehensive and working knowledge of social organization. The evolution of society from its most primitive forms to its complex and highly organized state of culture will be traced. The differentiation in life produced by environment will be considered both in the institutions of the past and of the present.

Such courses have been selected as are calculated to meet the needs of those intending to enter the professions of the ministry, law, teaching, or journalism, and to develop in the student the power to use critically and constructively the historical method.

Work in this department presumes that the student is familiar with history, and has had at least introductory courses in Economics, Political Science, and Psychology. The city of Tacoma offers many opportunities for personal observation and experiment in its churches, organized charities, hospitals, orphanages, trades unions and city clubs.

The courses will be conducted by lectures, recitations, class reports, written tests and papers.
1. **Introduction to Sociology.** A study of the forms of population, origin and nature of society, development of the social nature and mind, the formation of government, and the growth of institutions. Giddings "Elements of Sociology" and Sumner's "Folkways" are the texts in use. Four hours. Fall term, 1912. Professor Zeller.

2. **Ethnology.** The purpose of this course is to present the great problems of ethnology in the physical and psychical evolution, to consider systems for ethical classification, and to inquire into racial conditions and characteristics. Keane's "Ethnology," Deniker's "Races of Man," and Brinton's "Races and Peoples" are used as guides. Four hours. Spring term, 1913. Professor Selinger.

3. **Charities and Corrections.** A study of the social organization for the relief and care of dependents, social arrangements for the education, relief, care and custody of defectives, and an introduction to Criminal Sociology. Public institutions will be visited. Henderson's "Dependents, Defectives, and Delinquents" and Devine's "Principles of Relief" will serve as guides. Four hours. Given Winter term, 1913. Professor Selinger.

4. **Trades Unions and Labor Movement.** An inquiry into the origin and development of labor unions and the principles they represent, together with a consideration of the economic and social problems that confront the working classes. Adams' and Sumner's "Labor Problems," Common's "Trades Unionism and Labor Problems" and Webb's "History of Trade Unionism" will form the basis of the instruction. Four hours. Winter term, 1914. Professor Selinger.

5. **Biblical Sociology.** A treatment of the Science of Sociology in relation to religion, tracing the significance of the idea of God in the development of social life, the place of sacred persons, sacred places, sacred services, sacred objects and days, and the peculiar institutions that grow out of them, and the manner in which they reacted upon the religious life of the people of the Bible. Two hours. Spring term. Professor Selinger.

6. **Christian Sociology.** An examination of the teachings of Jesus in relation to the social problems of modern life, especially as represented in the family, the care of the poor, the possession of riches, and the industrial order. This course is especially designed for those planning a religious work.
Peabody’s “Jesus Christ and the Social Question” and Matthew’s “The Social Teachings of Jesus” are used as guides. Four hours. Given Spring term 1912. Professor Selinger.

7. **Domestic Sociology.** A study of the history of the family institution amid primitive and recent conditions of society; the development of the industrial, juristic, and religious principles in the domestic relation; and a consideration of present-day problems. This course is open only to Seniors or those who have had sufficient work in this department to satisfy the instructor. Howard’s “History of Matrimonial Institutions” and Westermarck’s “History of Human Marriage” will form the basis of instruction. Two hours. Professor Zeller.

8. **Social Psychology.** Studies in suggestibility, the mob mind, fashion, laws of conventionality, power of custom, imitation, social conflict and compromise, and public opinion. This course is intended only for advanced students who are competent to pursue seminary methods of personal investigation and experiment. Three hours. Professor Zeller.

9. **Social Education.** The aim of this course is to furnish the student with a method of thinking. Pedagogic principles are to be developed from an observation and explanation of social facts in actual life. Children are to be regarded from the standpoint of group relations rather than separated individual units. Four hours. Professor Zeller.

10. **Applied Philanthropy.** A course of lectures upon the cause of misery and methods of relief, the care of childhood, the juvenile court, the charity association, and an investigation of institutional forms of charity. This course is to deal with the technology rather than the theory of charity. Ten lectures given by Rev. L. J. Covington.

11, 12. **Seminar: Problems in Applied Sociology.** Open to qualified students, who have the necessary preparation in the social sciences. Discussion, reports and thesis work on contemporary movements in America. The special subject for 1912-1913 will be: “Some Problems of Rural Sociology in the State of Washington.” The students pursue independent investigative work under the direction of the instructor. Four hours credit. The Seminar meets weekly for three hours throughout the Winter and Spring terms. Professor Selinger.
The object of this department is to introduce the student to the philosophical point of view in the consideration of the problems of nature, civilization, institutions, art, human consciousness, conduct, and religion.

It is designed to afford students preliminary training for independent research and to give training for those intending to teach, or make special study of social and religious problems.

The method of instruction will be that of lectures, recitations, class reports, written reviews, and papers.

1. **Psychology.** The first few weeks of the term are devoted to a study of the psycho-physical organism, and the attentive process which later represents "the very heart of conscious activity," pausing long enough, however, to briefly consider neural action in its relation to habit. A critical analysis of the elemental and complex conscious processes is then taken up, closing with a study of the various aspects of "the self." Angell's text is used. Prerequisite, advanced Biology. Four hours. Fall term.

2. **Introduction to Philosophy.** The meaning of the word "Philosophy," both past and present, is first taken up. Important distinctions are next made between reflective, scientific and common thinking. A general view of the main problems of philosophy is followed by a discussion of the more important types of philosophical doctrine which have arisen out of the consideration of such problems. The relation of philosophy to the so-called philosophical sciences, as well as to other sciences, is considered, together with the value of the study of philosophy, closing with some practical suggestions to the beginner in philosophy. Fullerton's text is used. Prerequisite, Course 1. Four hours. Winter term.

3. **Ethics.** One-third of the term is devoted to a study of the history of morality, particularly its beginnings and development. A somewhat longer space of time is devoted to the theory of morality, with the emphasis on conduct and character. "Overt action proves the will." The balance of the
term is given over to a discussion of the social, political and
economic application of ethical principles. Dewey and Tuft's
text is used. Prerequisite, Course 1 and advanced Biology.

4. Ancient and Mediaeval Philosophy. A general survey of the
development of philosophical thought from the time of the
eyearly Greek thinkers through the Middle Ages. Special at-
tention is given to the works of Plato and Aristotle, some
time being also devoted to a consideration of the general in-
fluence of Stoicism and Epicureanism. Cushman's text Vo.
I, is used as a basis. Prerequisite, Philosophy 1, 2. Two
hours. Fall term.

5. Modern Philosophy. The chief systems of Modern Philoso-
phy from Bruno to Spencer are considered. While the stu-
dent becomes acquainted with all who have influenced
thought during this period, the majority of the time is spent
in a study of the two great movements termed "Rationalism"
and "Empiricism," as represented in the writings of Des-
Cartes, Spinoza, and Leibnitz, on the one hand, and Bacon,
Hobbes, Locke and Berkeley on the other. Cushman's text,
Vo. II. Two hours. Winter term.

6. Educational Psychology. This course is designed for all who
are preparing to teach. The different phases of the soul's
life, viz.: Knowledge, Feeling, and Will, are made the basis
of application for psychological principles in the art of
teaching. Considerable attention is given at the beginning
of the term to the science of Education. The last two weeks
of the term are devoted to a discussion of Religious Educa-
tion. Horne's text is used. Four hours. Fall term, 1911.

RELIGION

PROFESSOR JOHN O. FOSTER

PROFESSOR H. P. J. SELINGER

The courses of this department seek to furnish the student with
a clear and comprehensive knowledge of the Holy Scriptures as
a literature, history, and religion; also to present the development
of religious movements and their organization into religious bodies.
For the benefit of those who desire to qualify themselves for
Sunday School work a two years' course has been arranged. In connection with this course at least half of the work must be done in the Department of Religion and the remainder from related departments. Upon the successful completion of a two years' Sunday School Training Course a diploma will be granted. The student may devote his entire time to this course or if he so elects, may combine it with his regular college work, using his electives in the Department of Religion and thus receive his regular college degree and diploma in the Sunday School Training Course at the close of four years of successful work.

1. **Old Testament History.** This is a survey course, treating historical events in their relations to contemporaneous history; social, industrial, and political organizations; and the development of religious institutions. Three hours. Fall, Winter and Spring.

2. **History of New Testament Times.** A survey of the political, economic and social conditions of the period between the fall of the Monarchy in Jerusalem and the establishment of Roman authority. A review of the various religious movements together with an estimate of the leaders that had a share in a development of the same. Three hours. Fall term.

3. **Life of Christ.** Historical study of the character and teachings of Jesus based on the Gospel records and the use of text books. Three hours. Winter term.


5. **History of the Christian Church.** This course aims to cover the entire field of church history; to follow the development of the Christian Church; the divisions that have taken place, and the causes that have promoted them. Three hours. Fall, Winter and Spring terms.
6. **Christian Doctrine.** An exposition of the fundamental principles of Christianity from the standpoint of experience. Repentance, Faith, Pardon, Justification, Regeneration, Adoption, and Sanctification are carefully treated, with minor references to some of the broader theological formulations and church dogmas. Open to all university students. Limited to twenty-five in number. Two hours. Fall term.

7. **History of Methodism.** An investigation into the social, intellectual and religious condition of England. A narration of the beginnings and development of British Methodism, its spread and organization in America, and its transmissions to the great missionary fields, resulting in its becoming an evangelizing agency of universal power and influence. The course comprises the "Life and Journal of John Wesley," the "Life and Journals of Francis Asbury," a study of the hymnology, ritual, episcopacy, and conferences, as well as a general history of the entire movement of Methodism. Hurst's and Stevens' complete "Histories of Methodism," together with other works, form the basis of the instruction. Three hours. Fall and Winter.

8. **History of Protestant Missions.** A brief survey of missionary undertakings from the age of the Reformation to the present time, treating the missionary movements of the Pietists, the Moravians, the Wesleyans, the formation of the Missionary Societies, and the beginnings and organization of their work on the different continents and islands of the sea. The excellent treatise of Gustav Warneck will serve as a text. Three hours. Winter term.


10. **Principles of Religious Pedagogy.** Elements of child study from the point of view of genetic psychology, with special emphasis on the religious content of the child mind. Laws of teaching with reference to personal evangelism as the climax of religious teaching. Text book, recitations, collateral reading, and observation of teaching in graded Sunday Schools. Three hours. Winter term.

12, 13, 14. Seminar in Religious Education. Investigation of current problems in the field of religious education, with special reference to the Sunday School. Discussion, research and classification of results under the direction of the instructor. Open to advanced students, who are qualified to pursue independent research. Weekly meetings throughout the year. Three hours' credit.

A TWO YEARS' COLLEGE COURSE IN RELIGIOUS EDUCATION

FRESHMEN

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 History N. T.</td>
<td>3 Life of Christ</td>
<td>3 History of Apostolic Age</td>
</tr>
<tr>
<td>Times</td>
<td>3 Principles of Religious Pedagogy</td>
<td>3 Organization of Sunday School</td>
</tr>
<tr>
<td>3 Introduction to the Bible</td>
<td>4 English</td>
<td>4 English</td>
</tr>
<tr>
<td>4 English</td>
<td>4 History of Education</td>
<td>4 Principles of Education</td>
</tr>
<tr>
<td>4 Educational Psychology</td>
<td>4 Biology</td>
<td>4 Biology</td>
</tr>
<tr>
<td>4 Biology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SOPHOMORES

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Old Testament History</td>
<td>3 Old Testament History</td>
<td>3 Old Testament History</td>
</tr>
<tr>
<td>3 Religious Psychology</td>
<td>3 History of Missions</td>
<td>3 Church History</td>
</tr>
<tr>
<td>3 Church History</td>
<td>3 Church History</td>
<td>4 Ethics</td>
</tr>
<tr>
<td>4 Sociology</td>
<td>4 Sociology</td>
<td>4 Sociology</td>
</tr>
<tr>
<td>3 Seminar in Religious Education</td>
<td>3 Seminar in Religious Education</td>
<td>3 Seminar in Religious Education</td>
</tr>
</tbody>
</table>
SCHOOL OF EDUCATION

Aim.

Our School of Education is established and maintained for the purpose of preparing teachers for the public schools. It offers privileges not only to properly qualify students who have not taught, but also to teachers of experience who desire either to pursue special studies further, to complete one of the courses required for graduation, or to pursue advanced work leading to a degree of Bachelor of Pedagogy. In the preparation of the teacher it recognizes three essentials: (1) A high grade of scholarship; (2) the study of education as a science; (3) practice in teaching under expert supervision and criticism. The teachers are college men and women from our best universities and especially trained in the subjects which they present. Our aim is to make the work thoroughly practical and in conformity with the immediate problems and needs of our environment, and at the same time to develop and establish ideals toward which all schools may move. In our training department the young teacher will be brought to realize and appreciate the dominant life interests of the community itself and the larger relationships to the world as a whole, past and present. The city of Tacoma has a fine system of public schools, under the supervision of the best teachers. The young teachers in our training department have the opportunity and as a part of their training are required to visit these schools and observe systematically the work under experienced teachers. The work which teachers observe and in which they participate in our city schools must be typical of that which they may reasonably hope to accomplish in the communities to which they go.
**Special Advantages.**

Our School of Education not only prepares the teacher for the school room, but as a part of the College of Liberal Arts offers those advantages which make for culture and personal development. The same course gives the teacher a broader training than the limited work offered by our Normal Schools. Much of the work done in the department is a part of the regular college course, and the young teacher receives much of his or her training under broader and more original methods than are offered in a regular Normal course. She has all the privileges of lecture courses and social life offered the regular college student.

**Tuition.**

Tuition in the School of Education is the same as that in the College of Liberal Arts.

**Certification.**

1. Diploma graduates of our School of Education receive from the State Board of Education a certificate authorizing the holder to teach in the common schools of the State for a period of five years. On satisfactory evidence of having taught successfully for three years such person shall receive a life diploma countersigned by the Superintendent of Public Instruction. Title II., Chapter 3, Section 57.

2. Graduates of the College of Liberal Arts are entitled to a second grade certificate after passing an examination in School Law. At the expiration of nine months’ teaching they are entitled to a first grade certificate, and a State certificate will be granted at the end of twenty-seven months’ successful teaching. Title II., Section 15, Clause 3.
3. A holder of a third grade certificate may receive a second grade certificate provided the holder attends and does passing work in any accredited institution of higher education in this State for the period of one year. Article IV., Section 1.

Admission Requirements.

Students will be admitted to this school under the same requirements as those laid down for entrance to any course in the College of Liberal Arts. However, students who are back in one or more subjects are allowed to make up such work in our academic department. Students entering the freshman class should signify their intention if they are working toward a Normal diploma or a degree in Pedagogy.

Description of Courses in School of Education.

1. The work of the third and fourth years of our academy, together with the first year in our college course, is equivalent to the advanced course of three years provided for by the Washington State Board.

2. The work of our freshman and sophomore years is equivalent to the two years' advanced course provided for by the Washington State Board.

3. Our second, third, and fourth years of academy work, together with our freshman and sophomore years, is equivalent to the complete course, and the work in our sophomore year is equivalent to the graduate course mapped out by said Board. Moreover, a four years' course in our School of Education leads to the degree of Bachelor of Pedagogy.
A thorough course in rudiments is presented. Special attention is given to sight reading by pitch, scale, and syllable names in all keys of both major and minor scales. The subject of time is given a conspicuous place in the work, and an outline for the teaching of each grade is presented, which is invaluable to the teacher and student. The aim in presenting this work is to fit each one to teach music in public schools in a concise manner, and also to supervise the same.

Normal Art.

The general aim of the Normal Art Course is to help the student by technical training to express his ideas by means of form and color, and to prepare him to teach art in the public schools.
Normal History.

A general course in the History of Europe from the Germanic Migrations and the Fall of the Western Roman Empire to the present time. The work will be practically the same as for the freshman college class in History. For a more complete statement see Group I., Courses 1, 2, and 3 under Department of History.

Texts: Trenholme’s “Syllabus for the History of Western Europe,” Robinson’s “History of Western Europe,” and Robinson’s “Readings in European History.” Given annually.

Biology and Methods.

Textbooks, lectures and laboratory methods are combined, frequently field excursions will be substituted for laboratory work; our location offering very unusual advantages for the study of varied forms and aquatic life. Discussions and observations of the fundamental laws of living things and the methods of presenting the same to children. Open to Normal students only. No prerequisite is essential. Lectures, recitations and laboratory work. Credit, three hours. Three terms.

Methods.

While the student is brought face to face with the question, “How shall I present this or that,” in almost every course, still it is necessary for one, as a teacher, to have a knowledge of methods, both general and special. Provision for this need is made by the survey of “General Method” given in the course on Principles of Education, and by a course on Special Methods running throughout the sophomore year, the same being based upon the study of arithmetic, geography, American history, and reading.
School Law.

This is required by law of all candidates for common school certificates and diplomas, and will form part of the course of candidates for our Normal diploma. The work will consist of a study of the State Manual of Washington, which embraces the history of the State of Washington, the State Constitution, excerpts from School Law, outline course of study for Common Schools of the State of Washington, and Rules and Regulations Adopted by the State Board of Education. The work will be given in connection with the class in Theory and Practice.

Physical Training.

The course in Physical Training aims to maintain and promote the health of students, and to furnish them with the principles underlying this training; also to give them practical knowledge of a system of educational gymnastics sufficient to enable them to teach intelligently any form of school gymnastics, and to adapt their work to the varying conditions which they may meet.

Sociology.

A study of the forms of population, origin, and nature of society, development of the social nature of mind, the formation of government and the growth of institutions. The relation of the school to society and the social inter-relations of the school, church, and state. The Normal course will be one of the regular courses running through the year, in which numerous problems vital to the teacher and the school are considered.

Courses in Education.

1. Educational Psychology. This course is designed for all who are preparing to teach. The different phases of the soul's
life, viz.: Knowledge, Feeling, and Will, are made the basis of application for psychological principles in the art of teaching. Considerable attention is given at the beginning of the term to the science of education. The last two weeks of the term are devoted to a discussion of religious education. Horne's text is used. Four hours. Fall.

2. **History of Education.** A study of the development of the school as an institution, and the development of educational theory. Beginning with the early Greek and Roman periods, the above subjects are traced through the mediaeval and modern periods up to the present time. Special attention is given during the latter part of the term to the influence of modern educational reformers from Ratke to Herbart. Anderson's text is used. Four hours. Winter.

3. **Principles of Education.** A survey of "General Method," "Method of Recitation" and "Theory and Practice" from the standpoint of general principles. First the functions of education are considered; then such vital themes as the acquisition, functioning, organization, and recall of experience are studied in detail, leading up to the study of educational value, and finally to a discussion of the technique of teaching. Bagley's text is used. Four hours. Spring.

4. **Childhood and Adolescence.** A study of the psychic development of the child through adolescence. Required readings are made and advanced laboratory work is done with special applications to practical educational work, both in the public schools and the church. Kirkpatrick, Taylor, and Hall's texts are used as a basis. Prerequisite, Education 1, 2, 3. Two hours. Fall term.

5. **Educational Classics.** A direct and critical study is made of the sources of the history of education, designed to enable the student to properly interpret the more important educational works of Plato, Aristotle, Quintilian, Montaigne, Milton, Locke, Rousseau, Pestalozzi, Froebel, Herbart and others. Prerequisite, Education 1, 2, 3. Two hours. Winter term.

6. **Educational Ideals.** The work consists of individual research, supplemented by discussions at each meeting of the class. An effort will be made to discover the contribution of the different educational systems throughout the world's history to the present or twentieth century educational ideals. Prerequisite, Education 1, 2, 3.
7. Science of Teaching. An intensive study of the scientific relation of habit-formation to education, from the standpoint of the teacher, including a detailed treatment of the methodology of habit. Rowe's text is used. Prerequisite, Education 1, 2, 3. Two hours. Spring term.

8. Methodology of Study. This course is designed as an essential help to all students upon entering the college. Important distinctions are made between habit-formation, the art of study, and the methodology of Study. An effort is made to deal with general principles which may be applied to any voluntary activity of life. One hour. Fall and Winter terms.

9. Social Psychology. Studies in suggestibility, the mob mind, fashion, laws of conventionality, power of custom, imitation, social conflict and compromise, and public opinion. This course is intended only for advanced students who are competent to pursue seminary methods of personal investigation and experiment. Three hours. Winter term, 1913.

10. Social Education. The aim of this course is to furnish the student with a method of thinking. Pedagogic principles are to be developed from an observation and explanation of social facts in actual life. Children are to be regarded from the standpoint of group relations rather than separated individual units. Four hours. Spring term, 1914.

11. Educational Clinical Work. A new and practical course for all who expect to enter the profession of teaching. Lectures each week will be supplemented by demonstrations in the manipulation of the Binet Simon scale of measurement for mental intelligence, the De Sanctis tests, and the tests used by Dr. Goddard, of Vineland, New Jersey. In addition to the above, two hours per week are spent in the Psychological laboratory. Two hours. Winter and Spring terms.
THE COLLEGE OF COMMERCE.

The aim of our College of Commerce is primarily to train those who expect to pursue some form of business as a life career; but a reading of the courses of study will show that it is built upon broad educational lines. Associated with the usual studies of a college curriculum are those that are not only of great interest, but thoroughly practical. Not only may persons preparing for various lines of business profit from these studies, but prospective farmers, fruit growers, lawyers, doctors, preachers, teachers, and editors as well.

The Aims of Our College of Commerce

In the past the University of Puget Sound has maintained a well-equipped and well-conducted Commercial Department along the usual lines of commercial schools; but the conviction has grown that such a school entirely fails to give the student all the equipment that he should have. The work of the so-called "business college" is good so far as it goes, but generally it rests upon too narrow a foundation of general education to support a comprehensive superstructure. By greatly extending and supplementing the work of our Commercial Department—by organizing in fact, as well as in name, a College of Commerce—our institution has placed itself in the forefront of educational progress. Hence, we are maintaining a four years' academy or high school course in Commerce, to be followed by a four years' course in the college, leading to the degree of B. C. S. (Bachelor of Commercial Science). The number and character of the subjects offered afford opportunities for such work unequalled in the Pacific Northwest. While we do not claim that such studies can take the place of actual business, we do maintain that there is a vast amount of
commercial knowledge available for class room instruction which can be learned more easily and quickly at school than by the slow and painful process of experience.

*The Situation of One Wishing to Enter Business.*

The case of the would-be business man is coming to be somewhat analogous to that of the prospective physician who realizes that his college training is no less an essential to his success than his actual practice in the field. In fact, there is as much reason to justify the organization of college courses in business as for those in medicine, law, theology, engineering, forestry, the mechanical trades, and journalism.

*Tacoma a Great Commercial Laboratory.*

We desire to call attention to the fact that Tacoma is now one of the greatest commercial and industrial centers on the Pacific Coast. Its unrivalled harbor and fleet of steamships, its great lumbering plants, its flouring mills, foundries, smelters, furniture and woodworking factories, its department stores, banks, and magnificent new railway shops and terminals afford exceptional opportunities for the observation of commercial and industrial operations at first hand. Frequent excursions, led by instructors and others, will visit various plants during the school year. Moreover, lectures will be given in the various classes by prominent business men of the city along the lines of their specialties.

*Former One-Year Course Retained.*

The two one-year courses, as previously maintained, are continued for the benefit of those who, by reason of limited time or means, or maturity of years or experience, are prompted to prefer
them. For these courses, however, the rates are somewhat higher, as the table of tuition will show. As the work in these special courses is largely individual, the bright and industrious student can sometimes complete them in much less than the estimated time given in the catalogue. Those who finish all the work both in the Bookkeeping and Shorthand courses will be given a neatly engraved and printed certificate as evidence of that fact.

Entrance Requirements for College of Commerce.

These are the same as the general college entrance requirements, as elsewhere set forth. Besides, any one may enter without condition who has completed a four years' commercial course in a high school or academy of approved standing.
SCHEDULE OF STUDIES

College Commercial Course.

<table>
<thead>
<tr>
<th></th>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commerce A</td>
<td>5</td>
<td>Commerce A</td>
<td>5</td>
</tr>
<tr>
<td>German</td>
<td>4</td>
<td>German</td>
<td>4</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>Mathematics</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Commerce B</td>
<td>4</td>
<td>Commerce B</td>
<td>4</td>
</tr>
<tr>
<td>French</td>
<td>4</td>
<td>French</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>5</td>
<td>Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>English</td>
<td>3</td>
<td>English</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Commerce C</td>
<td>4</td>
<td>Commerce C</td>
<td>4</td>
</tr>
<tr>
<td>French</td>
<td>4</td>
<td>French</td>
<td>4</td>
</tr>
<tr>
<td>Sociology</td>
<td>4</td>
<td>Sociology</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>REQUIRED</td>
<td>4</td>
<td>Commerce D</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ELECTIVE</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>3</td>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>Political Science</td>
<td>3</td>
<td>Political Science</td>
<td>3</td>
</tr>
<tr>
<td>Sociology</td>
<td>4</td>
<td>Sociology</td>
<td>4</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
<td>Biology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>4</td>
<td>Introduction to Philosophy</td>
<td>4</td>
</tr>
<tr>
<td>Agriculture</td>
<td>3</td>
<td>Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>5</td>
<td>Public Speaking</td>
<td>5</td>
</tr>
<tr>
<td>Modern Language</td>
<td>3</td>
<td>Modern Language</td>
<td>3</td>
</tr>
</tbody>
</table>

Note.—Commerce A, B, C and D consist of such courses as will be given from year to year and which are found under description of courses. We do not specify certain courses for certain years. The work will be so arranged that courses will follow in logical order, and so save the student conflicts.
Academy Commercial Course.

Entrance Requirements—The satisfactory completion of the eight grades of grammar school work or their equivalent.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall Term</strong></td>
<td><strong>Winter Term</strong></td>
<td><strong>Spring Term</strong></td>
</tr>
<tr>
<td>5 English</td>
<td>5 English</td>
<td>5 English</td>
</tr>
<tr>
<td>5 Algebra</td>
<td>5 Algebra</td>
<td>5 Algebra</td>
</tr>
<tr>
<td>5 Bookkeeping</td>
<td>5 Bookkeeping</td>
<td>5 Bookkeeping</td>
</tr>
<tr>
<td>3 Penmanship</td>
<td>3 Penmanship</td>
<td>3 Penmanship</td>
</tr>
<tr>
<td>2 Spelling</td>
<td>2 Spelling</td>
<td>2 Spelling</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 English</td>
</tr>
<tr>
<td>4 Bookkeeping</td>
</tr>
<tr>
<td>4 Commercial</td>
</tr>
<tr>
<td>3 Commercial</td>
</tr>
<tr>
<td>Geography</td>
</tr>
<tr>
<td>4 Oriental and Greek History</td>
</tr>
<tr>
<td>1 Drawing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>THIRD YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 English</td>
</tr>
<tr>
<td>5 Plane Geometry</td>
</tr>
<tr>
<td>3 Shorthand or 4 Advanced</td>
</tr>
<tr>
<td>Bookkeeping</td>
</tr>
<tr>
<td>4 Typewriting</td>
</tr>
<tr>
<td>5 German</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FOURTH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Commercial Law</td>
</tr>
<tr>
<td>3 Shorthand</td>
</tr>
<tr>
<td>4 Typewriting</td>
</tr>
<tr>
<td>4 German</td>
</tr>
<tr>
<td>5 Physics</td>
</tr>
</tbody>
</table>

Remarks—Each hour of Typewriting as listed above consists of two periods of practice at the machine; each hour of Bookkeeping represents two periods of work.
### Special Commercial Courses.

#### FIRST YEAR

**BOOKKEEPING COURSE**

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 Bookkeeping</td>
<td>9 Bookkeeping</td>
<td>9 Bookkeeping</td>
</tr>
<tr>
<td>4 Commercial</td>
<td>4 Commercial</td>
<td>4 Commercial</td>
</tr>
<tr>
<td>Arithmetic</td>
<td>Arithmetic</td>
<td>Arithmetic</td>
</tr>
<tr>
<td>4 Commercial Law</td>
<td>4 Business Forms</td>
<td>4 Commercial Law</td>
</tr>
<tr>
<td>3 Penmanship</td>
<td>and Methods</td>
<td>3 Penmanship</td>
</tr>
<tr>
<td>3 Penmanship</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### SECOND YEAR

**SHORTHAND COURSE**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Shorthand</td>
<td>5 Shorthand</td>
<td>5 Shorthand</td>
</tr>
<tr>
<td>8 Typewriting</td>
<td>8 Typewriting</td>
<td>8 Typewriting</td>
</tr>
<tr>
<td>2 Spelling</td>
<td>2 Spelling</td>
<td>2 Spelling</td>
</tr>
<tr>
<td>5 English</td>
<td>5 English</td>
<td>5 English</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 Commercial Correspondence</td>
</tr>
</tbody>
</table>
# TUITION RATES, FEES, ETC.

<table>
<thead>
<tr>
<th></th>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academy</td>
<td>$18.00</td>
<td>15.00</td>
<td>12.00</td>
</tr>
<tr>
<td>Commerce</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College</td>
<td>21.00</td>
<td>18.00</td>
<td>16.00</td>
</tr>
<tr>
<td>of Commerce</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special</td>
<td>30.00</td>
<td>25.00</td>
<td>20.00</td>
</tr>
<tr>
<td>Commerce</td>
<td>One Year Scholarship</td>
<td>$65.00</td>
<td></td>
</tr>
</tbody>
</table>

Stenography, Bookkeeping, or Typewriting, each, per term... $15.00
Penmanship, per term........................................ 8.00

Rent of Typewriter
(For academy and college students only)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>One month</td>
<td>$1.00</td>
</tr>
<tr>
<td>One term</td>
<td>2.00</td>
</tr>
<tr>
<td>Three terms</td>
<td>5.00</td>
</tr>
</tbody>
</table>

Diplomas

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Academy</td>
<td>$2.50</td>
</tr>
<tr>
<td>College</td>
<td>5.00</td>
</tr>
</tbody>
</table>

**Remarks**—No other fees, incidentals or otherwise, than those above mentioned, will be charged. Students desiring to take advantage of the College or Academy rates must take the course as laid down in the catalogue; otherwise they pay the special rate.
COLLEGE COURSE OF STUDY

1. **History of Commerce.** A study of the purpose and development of commerce, showing the various transformations through which it has passed from ancient to modern times. Attention is given to the town, land, and sea trade of mediæval history, the influence exerted by exploration and discovery, the rise of the mercantile and industrial systems, and the development of modern transportation facilities. Special attention is given to the commerce of the United States. "A History of Commerce," by Day, serves as the basis for this course. Four hours. Fall, 1913.

2. **Introduction to Economics.** An elementary course which considers the principles of production, distribution, money, banking and international trade. The labor movement, monopolies, trusts, and the railroad problem are treated in outline. Seager's "Introduction to Economics" is used as the chief text. Four hours. Fall, 1913.

3. **Economic History of the United States.** The course begins with the explorations and settlements that led to the colonization of the continent, and then traces the development of agriculture, manufactures and transportation, and the growth of commerce, labor, and population from the simple rural conditions of colonial life to the complex industrial society of today. It attempts to show the economic causes of important events, and give the student a basis for the economic interpretation of history. Bogart's "Economic History of the United States" is used as a text. Four hours. Winter, 1913.

4. **Money and Banking.** An examination into the history and principles of money, whether metallic or paper. A description of the functions of a bank, followed by the history of banking in the United States, including the First and Second banks of the United States, and the National and State Banking Systems. Attention is given to the banking systems of England, France, Germany and Canada. Four hours.

5. **Practical Banking.** An examination of the methods of organization and administration. The following topics are considered: Note issue, deposit currency, loans, reserves, clearing houses, relation of banks to Federal Government, the functions of commercial banks and trust companies, bank examinations, interest on deposits, investments, circulation and the duties of various bank officials. Four hours.
6. **Financial History of the United States.** A comprehensive review of our monetary and banking system, tracing the different principles that have entered into its development. Also a treatment of tariff legislation in its connection with the national finances. Dewey's "Financial History of the United States," Bolles' "Financial History, 1789 to 1860," are used as guides. Four hours. Given Winter, 1912.

7. **Trust Finance.** A study of the nature of the competitive situation out of which the trust arises; the motives to which the trust promoter appeals in presenting his proposition; the part played by the underwriter and the methods employed in disposing of the stock; methods resorted to in order to obtain new capital; forms of capitalization and legislative regulation. Two hours.

8. **Commercial Geography.** A study of the various countries and their chief products; the effect of soil, climate and geographical location in determining international trade, seaports and routes of commerce; exports and imports; the character, importance and chief sources of the principal articles of foreign trade. Three hours.

9. **Commerce and Industries of the Pacific Northwest.** A survey of the accomplishments and possibilities of the leading industries of Washington, Oregon, Idaho, and British Columbia. The origin, growth, and methods of typical organizations will be studied, and frequent excursions to nearby plants will be made. Among the industries considered will be lumbering, fishing, mining, railways and steamship lines. Lectures, reports, and the preparation of tables and charts. Three hours.

10. **Real Estate.** A course designed to give a practical knowledge of the legal and business aspects of the sale, purchase and management of real property. Subjects considered: Titles, mortgages, deeds, records and abstracts; the valuation, location and management of office buildings; the handling and development of ranching property and irrigated lands. The function of building and loan associations. Three hours.

11. **Economics of Agriculture.** The factors of agricultural production and their economic properties. The organization of the farm in the selection of land, capital goods, crops, and animals. Size of farms. Forces and conditions which deter-

12. Economics of Horticulture. A practical course in the development of orchards and vineyards, dealing with the selection of soils, proper planting, care and preservation; the control of pests, irrigation, and the commercial management of the products. A brief study of forestry is to be included in this course. Two hours. Spring.

13. Railroad Transportation. A general course dealing with the most important principles and facts relating to railways and waterways. The development of the railroad, including its organization, management, and consolidation, together with the subject of rates, and public control. Johnson's "American Railway Transportation," Hadley's "Railroad Transportation" and Ripley's "American Transportation Problems" will be used as guides. Two hours. Spring, 1913.

14. Ocean and Inland Water Transportation. An outline of the growth of ocean commerce, the development of the steamship; modern freight, mail, express, and passenger service, and the organization and regulation of ocean carriers. Also a study of the canals and inland waterways of the United States, with special reference to Domestic Commerce. The excellent text of Emory R. Johnson will be used as a guide. Three hours. Given Spring, 1912.

15. Advertising and Salesmanship. A brief history of Advertising. Salesmanship as related to Advertising. Topics considered: The preparation of copy for newspapers and magazines; the use of cuts and illustrations; the value of names and trade-marks; the handling of mailing cards, circulars, follow-up letters; department store, real estate and mail-order systems; the use of street car signs, bill boards, and window displays; copyright and postal laws; and the work of the advertising manager and the general agency. Three hours.

16. Business Organization and Administration. A study of the general principles involved in the organization and management of various businesses. Among the topics are: (a) General Organization, treating of partnership and corporation, law and organization, the duties of officers and departmental heads; capital and revenue; credit instruments; the assembling and distribution of costs; wholesaling and retailing;
depreciation; reserves; credits and collections. (b) **Office Organization**, treating of labor records, filing, indexing, card and loose-leaf methods; office equipment and typical office systems. Four hours. Fall.

17. **Insurance.** An inquiry into the nature of insurance, its origin and development; kinds of policy; premiums, assessments, and annuities. An appreciation of the general utility of life insurance, its ethics, and the problems of management. A discussion of the modern company—its relation to the past, present and future. Three hours.

18. **Accounting and Auditing.** (a) **Theory of Accounts:** principles of debit and credit; constant equation of accounts; the balance sheet analyzed; profit and loss statements; principles of closing, etc. (b) **Accounting Practice:** the use of columnar books; the treatment of depreciation, bad debts; cost keeping in manufacturing businesses, etc. (c) **Auditing:** theory and practice; duties of auditor; qualification; practical problems. Prerequisite, a knowledge of elementary bookkeeping. Four hours. Spring.

19. **Accounting Systems.** A study of the accounting systems employed by representative types of business, including those of department stores, railway and steamship companies, lumbering, banking, building and loan associations, and the accounts of executors and administrators. Problems of various states discussed. Prerequisite, a thorough knowledge of bookkeeping. Four hours. Spring.

20. **Practical Journalism.** A consideration of the Evolution of the Press, salaries and education of reporters and editors, the gathering of news; writing advertisements, editing country papers, and a study of the law of libel and copyright. Two hours. Spring.

**SPECIAL AND ACADEMY COURSES.**

**Bookkeeping.** The method employed is the one that seems best adapted to give both a theoretical and practical knowledge of the subject. The student handles our college currency, makes deposits in the banks, issues checks, discounts notes, draws drafts, files invoices, makes out statements, draws up leases and contracts, and, in fact, becomes thoroughly familiar with the various kinds of commercial paper common to business. Both single and double entry and the methods of
changing from one to the other are taught. Several sets in different lines of wholesale and retail business are opened, written up, balanced and closed; and others, handled in a similar manner, illustrate the principles of partnership and corporation accounting, manufacturing, and banking.

**Shorthand.** A thorough mastery of the principles of this subject is followed by dictation and speed practice in matter covering a wide range of amanuensis work and reporting. To complete the Shorthand Course, the student must attain a speed of fifty words per minute from dictation on the typewriter, and one hundred words per minute of new matter in shorthand. We teach both the Pitman and Gregg systems. The former is our oldest shorthand system, tried by years of severe tests, and now represented by many of the world’s fastest writers; the latter is the best known of the light line systems. It has also demonstrated its efficiency and is gaining favor very rapidly throughout the country.

**Typewriting.** A carefully graded and supervised course of lessons in Touch Typewriting. Students are taught to clean and care for machines, and are required to become familiar with the leading makes of typewriters by actual use. Frequent use of the neostyle, mimeograph, and other duplicating devices affords the needed practice of this kind.

**Commercial Law.** A study of the principles of common and statutory law that apply directly to commercial transactions. Its principal divisions are: Contracts, personal property sales, negotiable instruments, agency, bailment, partnership, corporations, insurance, and real property. Not only are the principles of these studied, but the holdings of numerous cases are cited for the purpose of illustration. The student draws up typical legal forms, and makes a variety of written reports from the State code. Fall and Winter terms.

**Commercial Arithmetic.** In addition to much drill in rapid calculation and valuable “short cuts,” the following subjects are studied: Fractions, practical measurements, denominate numbers, percentage, trade discount, the marking of goods, profit and loss, commission, interest, bank discount, partial payments, the equation of accounts, insurance, stocks and bonds, taxes, custom house duties, exchange, and partnership. Other subjects of equal importance are also treated.
Spelling and Word Study. A study of the principles of word-building, word-analysis and meanings, and diacritical markings. Drills in oral and written spelling and definitions. Ninety per cent. is the passing grade in this subject.

Commercial Correspondence. A study of punctuation and business letter writing. Orders, requests for payment, remittances, recommendations, testimonials, newspaper ads and replies, introductions, form letters and telegrams are written by the student. The leading methods of filing, indexing, and duplicating are carefully studied. Prerequisite, a thorough knowledge of English grammar, neat penmanship and good spelling. Spring term.

Penmanship. Graded practice in a variety of movement exercises to develop artistic sense, muscle control and speed. Study of theory and elements of good penmanship. The muscular or forearm movement, and neat, plain, unshaded writing are taught.

Commercial Geography. (a.) The Raw Materials of Trade: Cereals, vegetable products, minerals, woods, medicinal plants, fibres, wool, cattle and animal products, fishes, etc., are studied and examined as to qualities, location, production, and values. (b) The Manufacturing Process: Woolens and textiles, furniture and wood products, foodstuffs, smelting and refining, iron and steel and their products, are studied as regards methods of production, packing and storing. (c) Transportation: Roads, railways and steamships are studied as to location, methods, charges, and development. (d) Trade Centers: The growth of cities as determined by proximity to supplies, transportation facilities, climate, education, etc., discussed.

Business Forms and Methods. A course designed to follow the two terms of Commercial Law. A study of office methods, labor records, contracts, deeds, filing, methods of dividing and systematizing labor, duties of officers and heads of departments. Practice in the making out and filling in of a variety of common business forms.
GENERAL INFORMATION

TIME REQUIRED TO COMPLETE SPECIAL COURSES. This depends entirely upon the industry and natural ability of the student. As a rule, those who have had high school and college training make faster progress than others.

WHEN TO ENTER. The work in bookkeeping, shorthand and typewriting may be done entirely by the individual plan; hence, STUDENTS wishing work in these subjects MAY ENTER AT ANY TIME. Some have entered other classes later and made up the back work. Generally, we should not advise one to attempt this. Academy students will find it best to enter at the term beginnings.

EQUIPMENT. The entire first floor of the chapel building is fitted up to house the special work in commerce. Our quarters here are commodious, well lighted and ventilated. In the study hall are desks designed for the study of bookkeeping, the banking office, office fixtures and furniture, and a commercial library. In the dictation room the phonograph shares the work of the teacher, and in the typewriting room are found the leading makes of machines and duplicating devices.

RULES. In the commercial rooms the methods of a well-regulated office are followed. Punctuality, courtesy, and industry are required of all.
SPECIAL ADVANTAGES

BOARD AND ROOM AT COST. See rates elsewhere.

EMPLOYMENT BUREAU. This aids many students to secure enough work to help them through school. The former graduates of the commercial department have been uniformly successful in securing profitable employment. The positions for a considerable number of these were secured through the school.

LOCATION. The value of Tacoma's great industries and volume of trade to the student of commerce, has already been referred to. The climate of the Puget Sound country is most favorable to study at all seasons of the year. The University itself is located in the geographical center of the city, only fifteen minutes' walk from the busiest business streets. Two car lines pass our doors.

COMMERCIAL MUSEUM. During the past year an excellent beginning was made for our new commercial museum. These samples of raw material, goods in process of manufacture, and finished products here displayed will prove very helpful to the students of commercial geography and other subjects.

MORAL ENVIRONMENT. The atmosphere of our school is permeated by those Christian influences for which our school stands. We do not hesitate, however, to resort to proper disciplinary measures when they seem necessary. Patrons will be notified if their children fail to comply with our standards of study and conduct.
LITERARY SOCIETIES AND ATHLETICS. The dominant spirit of our University is democratic and helpful. Our commercial students are not only cordially welcomed to our many social and religious gatherings, but those who are capable and so desire, find honored places on athletic teams and in our literary societies. To one who plans to take no more than one of our special courses, the athletic organizations, literary societies, gymnasium training and the mental stimulus of a college environment, will all prove a great help—a help impossible to obtain in the ordinary commercial school or business college.
School of Home Economics

OBJECT OF THE SCHOOL

The object of the school is to give courses in Domestic Economy and Household Art. It is to present home-making as an art as well as a science. It is to teach women how to employ economy in everything that is purchased for and utilized in the household; how the housekeeper is to distinguish the genuine from adulterations and recognize the food values of all commodities; how food is to be prepared in a hygienic and palatable manner; how both the house and the sickroom are to be conducted in times of illness, and proper attention given to the patient, and how the making of a beautiful home is the highest of all arts.

The courses submitted are especially designed for women who intend to teach Home Economics in public or private schools, for those desiring to do advanced work in this department, those who expect to take charge of cafes or hotels, those looking forward to settlement work or supervision in charitable institutions, and those expecting to preside over the home.

The diploma course covers a period of two years and the degree course four years of college work. The number of credits required are the same as those of the freshman and sophomore years in the College of Liberal Arts. Courses in cookery will be open to those who wish to take special work and who may not be enrolled as college students.
## SCHEDULE OF STUDIES LEADING TO DIPLOMA.

### FIRST YEAR
- **4** English
- **5** Chemistry
- **4** Botany
- **4** Home Economics 1
- **3** Home Economics 3
- **4** Educational Psychology
- **3** Physiology
- **4** French
- **3** Home Economics 4
- **2** Home Economics 6
- **3** Elective

### SECOND YEAR
- **4** History of Education
- **3** Physiology
- **4** French
- **3** Home Economics 4
- **2** Home Economics 7
- **3** Elective

## DEGREE COURSE.

### FRESHMAN YEAR
- **Winter Term**
  - **4** English
  - **5** Chemistry
  - **4** Botany
  - **4** Home Economics 2
  - **3** Home Economics 3

### SOPHOMORE YEAR
- **Spring Term**
  - **4** History
  - **3** Sanitary Chemistry
  - **4** French
  - **2** Home Economics 6
  - **3** Elective

### JUNIOR YEAR
- **Fall Term**
  - **4** History
  - **5** Sanitary Chemistry
  - **4** French
  - **2** Home Economics 6
  - **3** Elective

### SENIOR YEAR
- **Winter Term**
  - **4** History of Education
  - **4** Economics
  - **2** Home Economics 11
  - **3** Elective

- **Spring Term**
  - **4** Theory and Practice
  - **3** Physiology
  - **4** French
  - **3** Home Economics 5
  - **2** Home Economics 8
  - **3** Home Economics 12

- **Fall Term**
  - **4** English
  - **5** Chemistry
  - **4** Botany
  - **4** Home Economics 2
  - **3** Home Economics 3

- **Winter Term**
  - **4** History of Education
  - **3** Physiology
  - **4** French
  - **3** Home Economics 4
  - **2** Home Economics 7
  - **3** Elective

- **Spring Term**
  - **4** History
  - **5** Sanitary Chemistry
  - **4** French
  - **2** Home Economics 6
  - **3** Elective

- **Fall Term**
  - **4** History
  - **5** Sanitary Chemistry
  - **4** French
  - **2** Home Economics 6
  - **3** Elective

- **Winter Term**
  - **4** History of Education
  - **4** Economics
  - **2** Home Economics 11
  - **3** Elective

- **Spring Term**
  - **4** Theory and Practice
  - **3** Physiology
  - **4** Economics
  - **3** Home Economics 12
  - **Elective**
1. **Home Economics.** Food Preparation. Lectures and laboratory work. The purpose of this course is to give a working knowledge of household processes connected with food. It deals with cooking largely as handwork, the aim being to give practice in fundamental cooking processes, in order to develop skill and efficiency in handling materials, household apparatus, stoves and fuels. Four hours. Fall.

2. **Home Economics.** Experimental Cookery. Lectures and laboratory work. This course covers a study of food constituents and sources, chemical composition, properties, nutritive and economic values, accompanied by laboratory practice in the preparation of many representative foods. Four hours. Winter and Spring.

3. **Home Economics.** Needlework and Garment Making. The fundamental principles of hand and machine sewing as illustrated by the making of aprons, underwear, and simple dresses. Three hours. Throughout the year.

4. **Home Economics.** Food Preservation. A study of processes of decomposition, fermentation and putrefaction; the canning of fruit and the preparation of jellies and pickles. Three hours. Fall.

5. **Home Economics.** Home Cookery and Table Service. Lectures and laboratory work. This course will include the study, planning and cooking of breakfasts, luncheons, dinners, and suppers; and various methods of preparation and garnishing. Three hours. Winter and Spring.

6. **Home Economics.** Household Furnishings. This is a practical course in the decoration and furnishing of the entire home, the problem of artistic and economic furnishing, the cost of materials and labor. Estimates for specific problems and excursions to shops and factories will be included. Two hours. Fall.

7. **Home Economics.** Household Management. Lectures and discussions upon general housework, the processes of laundering, marketing, apportionment of income and household administration. Two hours. Winter.

8. **Home Economics.** Home Nursing. A study of the furnishing and care of the sickroom; administration of medicines; record of symptoms; children's diseases and first aid to the injured. Two hours. Spring.
9. **Home Economics.** Dressmaking. Elective. Prerequisite, Course 3. Each student will take measures, using a tailoring system, draft pattern, cut, fit and make a dress or suit of either silk or woolen goods. Five hours. Fall.

10. **Home Economics.** Dietetics. Lectures and laboratory work. This course aims to present the fundamental principles of human nutrition and apply these principles to the feeding of individuals, families and larger groups under varying physiological, economic, and social conditions. In the laboratory foodstuffs are compared as regards calorific value and proportions of nutrients; and dietaries of specific costs, furnishing specified nutrients, are computed, prepared and served. Special dietaries for infants and children, the sick and the aged are considered. Four hours. Fall.

11. **Home Economics.** Nutrition. This course includes a review of the nutritive functions of the carbohydrates, fats, and proteins; the fuel value of food and the energy requirement of the body; food requirements of people of different ages and occupations, as furnishing the quantitative basis for dietetics; the ash constituents of food and their functions in nutrition. The relation of diet to some common disorders of nutrition. Two hours. Winter.

12. **Home Economics.** Theory and Practice of Teaching Home Economics. This course considers the relation of Home Economics to other subjects in the curriculum; the planning of lessons and courses of study; and certain problems of equipment and cost. Two hours. Spring.

School of Public Speaking

Development of the powers of expression, cultivation of the imagination, and education of the sensibilities, form the ideal which inspires the work of this School of Public Speaking. Its purpose is to furnish training enabling young men and young women to speak effectively, to read impressively, and to teach Elocution, Higher English, and Physical Culture. The world is calling for men and women who can interpret thoughts, as well as talk about them.

METHODS

The attainment of this ideal is sought through classroom instruction and private lessons. The school recognizes that expression is an outer result of an inner richness of life, that speakers must first be thinkers; and, accordingly, the study of literature and of psychology is required for the conferring of a college degree. Genuine literary training is made the basis of all work in interpretation. The courses are directed, then, to three ends— to secure mental breadth; to refine the sensibilities, and to develop through private lessons the special abilities of the individual student—all this in a school whose distinctive ideal is character building.

PERSONS FOR WHOM INTENDED

The courses in the School of Public Speaking are intended for three kinds of students: (1) Those who are expecting to teach, whether Expression, English, or Physical Culture; (2) those who are intending to enter the ministry, to become lawyers, or to take up any of the forms of public speaking; and (3) those who are
seeking an education of general culture, not wishing for the regular college training. Any one may gain power to impress himself upon the education of the world by being a superior reader or speaker. The high schools and colleges of today are demanding teachers who can do more than talk about literature, who can by interpretation instill a love and an appreciation of highest things.

ENTRANCE REQUIREMENTS.

The degree course is open to any student of college rank; that is, having high school graduation or its equivalent.

The diploma course is open to any student of academic or college grade.

THE TWO COURSES.

A. The course leading to a college degree parallel to the Bachelor of Arts is of four years' length, the first and second years' study being identical with that in the Modern Language Course of the College of Liberal Arts. Specilization is begun in the Junior year, the work in Psychology and the Psychology of Public Speaking being an especially attractive feature. The schedule of studies for this course is given below.

B. The course leading to the diploma consists of two years of special work in private lessons in English Literature and Principles of Expression. The schedule of studies is given below:

DEGREE COURSE.

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Winter Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>One—4 German</td>
<td>One—4 German</td>
</tr>
<tr>
<td>—4 French</td>
<td>—4 French</td>
</tr>
<tr>
<td>4 English</td>
<td>4 Mathematics</td>
</tr>
<tr>
<td>4 Biology</td>
<td>4 Biology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>One—4 German</td>
</tr>
<tr>
<td>—4 French</td>
</tr>
<tr>
<td>4 English</td>
</tr>
<tr>
<td>4 Mathematics</td>
</tr>
<tr>
<td>4 Biology</td>
</tr>
<tr>
<td>Year</td>
</tr>
<tr>
<td>--------------------</td>
</tr>
<tr>
<td><strong>SOPHOMORE YEAR</strong></td>
</tr>
<tr>
<td>4 English</td>
</tr>
<tr>
<td>4 Biology</td>
</tr>
<tr>
<td>5 Mathematics</td>
</tr>
<tr>
<td>4 French</td>
</tr>
<tr>
<td>3 English</td>
</tr>
<tr>
<td>4 History</td>
</tr>
<tr>
<td>4 Debating</td>
</tr>
<tr>
<td>3 Principles</td>
</tr>
<tr>
<td>of Expression</td>
</tr>
<tr>
<td>3 Drama</td>
</tr>
<tr>
<td>2 Private Lessons</td>
</tr>
<tr>
<td>1 Physical Training</td>
</tr>
<tr>
<td>3 Elective</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>4 Psychology</td>
</tr>
<tr>
<td>4 Literary</td>
</tr>
<tr>
<td>Interpretation</td>
</tr>
<tr>
<td>4 Parliamentary</td>
</tr>
<tr>
<td>Law</td>
</tr>
<tr>
<td>2 Private Lessons</td>
</tr>
<tr>
<td>1 Physical Training</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>DIPLOMA COURSE.</td>
</tr>
<tr>
<td><strong>JUNIOR YEAR</strong></td>
</tr>
<tr>
<td>3-4 English</td>
</tr>
<tr>
<td>4 History</td>
</tr>
<tr>
<td>2 Phonetics</td>
</tr>
<tr>
<td>2 Private Lessons</td>
</tr>
<tr>
<td>1 Physical Training</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>SENIOR YEAR</strong></td>
</tr>
<tr>
<td>3-4 English</td>
</tr>
<tr>
<td>3 Principles</td>
</tr>
<tr>
<td>of Expression</td>
</tr>
<tr>
<td>2 Private Lessons</td>
</tr>
<tr>
<td>4 Elective</td>
</tr>
<tr>
<td>1 Physical Training</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Description of Courses.

1. Psychology. A general survey of the principles of descriptive psychology. Four hours. Fall.

2. Psychology of Public Speaking. A study of the speaker and his audience from the standpoint of Psychology, dealing with the principles of mental imagery, the expression and control of emotions, the fluctuation of attention, and the laws of rhythm and suggestion. This course is intended for only those who have had previous training and are capable of doing advanced work. Four hours. Winter.

3. Phonetics. A study of elementary English sounds for accuracy of utterance. To secure a standard of pronunciation, common errors are analyzed and corrected. Two hours. Fall, Winter, Spring.

4, 5, 6. Principles of Expression. A study of the vocal language as distinct from the verbal, with practice in phrasing, inflection, and modulation. Freedom, simplicity, and naturalness is sought in the expression of simple emotions. Chamberlain and Clark's "Principles of Expression" is used as a text. Three hours. Fall, Winter, Spring.

7. Physical Training. A general practice course in Emerson and Swedish exercises, resulting in correct bearing, physical development, relaxation, control, and grace of movement. Two hours of class work is required of Third and Fourth Academy students, Freshmen and Sophomores. Fall and Winter. One credit per term.

8, 9. Gesture. Training for physical response to sensation, thought, and emotion, with study of the different agents of bodily expression, and the peculiar function of each. Special attention is given to dramatic action. Two hours. Winter, Spring.

tus," Greene's "Friar Bacon and Friar Berengay," "The Al-
hours. Fall, Winter, Spring.

drawing. Presentation of subject matter. Practical debating
upon live issues. In addition to actual debating Foster's
"Argumentation and Debating" will be used as a text. Pre-
requisite, Freshman Rhetoric. Four hours. Fall.

14. Practical Oratory. The general principles of practical ora-
tory will be studied on the basis of the "Masterpieces of
Modern Oratory" by Shorter. An attempt will be made to dis-
cover the category of essentials to successful public speak-
ing, the result of which study will be embodied in a short
thesis by each member of the class.

15. Extemporaneous Speaking. The principles underlying ex-
temporaneous speaking. The preparation of thought. Voice
culture. Psychology of gesture. Topics will be assigned in
advance, and careful preparation of material required, but
the debate or address will be constructed when the student
is face to face with his audience. Buckley's "Extemporane-
ous Oratory" will be used as a text. Four hours. Spring
term.

16, 17, 18. Literary Interpretation. A wide reading of prose
and poetry, with special attention to emotional interpretation
and principles of criticism. The course will consist largely
of reports made by the students upon selected readings, the
purpose of the course being to secure power of independent
interpretation, and to cultivate aesthetic appreciation. Ex-
pressive reading is attempted in the classroom, and stand-
ards in literary criticism are studied in the works of Ruskin
and Arnold. Three hours. Fall, Winter, Spring.

19. Parliamentary Law. Practice in all common forms of Par-
liamentary usage. Criticism, suggestion, and drill. Four
hours. Fall.

20. Conversation. The manner and the matter of the conversa-
tionalist. The speaker's mental and physical circumstances,
the hearers' number, quality, difference in age and sex; the handling of topics, amusing, deliberative, and controversial. Four hours. Winter.


The City of Tacoma, in its churches, lecture halls, and theatres, offers many opportunities for hearing fine speakers and good music, thus presenting possibilities for a life of broad culture. The school is, then, admirably located for cultivation of the aesthetic ideals.

Tuition for Class Courses. The tuition rates for class work in the school of public speaking are the same as those in the College of Liberal Arts.

Rates for Private Lessons. For private lessons of one-half hour each, the charge is $1.50 for those outside of the school, and $0.75 for those within the University.

Diploma Fee. The charge for the diploma from the degree course is $5.00, and from the diploma course $2.50. This fee must be paid before the document may be received.
School of Music

The School of Music is a department of the University and closely related to the work of the Institution as a whole. Courses are offered in Pianoforte, Pipe Organ, Voice, Violin, Brass and Reed Instruments, Musicology, History of Music, Musical Kindergarten, and Public School Music.

We outline for a three years' course. It must be understood, however, that it may take longer. A good student who has had satisfactory training previously, may be able to do the required work in less time. The School of Music intends to protect its diplomas and to keep them indisputable evidences of sound musicianship. Therefore, the School Diploma will be granted only when its requirements are fully met.

Candidates for graduation must have a high school education or the equivalent of one.

MUSICOLEGY

Musicology is the study of the theory and philosophy of music. It deals with the science rather than the art. It embraces Harmony, Counterpoint, Canon and Fugue, Free Composition, and Analysis and Form.

MUSIC I.

Harmony. (First year, two periods weekly).
Intervals, Keys, Signatures, Scales, Triads and simple chord formations.
Harmonizing bases and melodies, including chords of the seventh and their inversions. Ear training and the distinguishing of different chords.
MUSIC II.

Harmony. (Second year, two periods weekly).
- Augmented and other altered chords, modulations, suspensions, organ-point, appogiatura, passing notes and chords.
- Harmonizing melodies, double chants, and the study and writing of different forms of chorales.

MUSIC III.

Counterpoint. (Third year, one period weekly).
- Simple counterpoint in all forms, two, three and four voices.
- Vocal counterpoint, free composition.

MUSIC IV.

Analysis and Form. (Third year, one period weekly).
- Analyzing pieces harmonically and breaking them up into periods and phrases.
- Studying the different forms of musical composition; the Song, the Scherzo, the Minuet, the Rondo, the Sonata, the Suite and the Contropuntal.

MUSIC V.

History of Music. (Third year, one period weekly).
- This course is given in the form of lectures by the instructor, and in the year’s work treats of the general history, development and influence of music among the peoples of all times. The students of the Conservatory are required to attend these lectures, take notes, and, in the case of graduation, to pass a satisfactory examination upon subjects discussed. This course includes considerable reference and library work.

MUSIC VI.

Public School Music. (Any year, two periods weekly).
- Study of notes, rests, staffs, keys, signatures, rhythms, accents, Tonic Solfa notation.
- Advanced work in sight singing, drill in the singing of the major and the minor and chromatic scales. Study of high school music.
MUSIC VII.

Supervisors' Course. (Any year, two periods weekly).
A general review of the work taken up in Music VI. Discussion of methods in use in the public schools.

MUSIC VIII.

Musical Kindergarten and Illustrated Music Study. (Any year, two periods weekly).
Musical notation, elementary harmony, rhythmic motion, audition, keyboard location, finger calisthenics, and musical card games.

MUSIC IX.

Chorus Singing. (Throughout course, one period weekly).
This course embraces the study of the larger forms of choral works, such as the Oratories, Cantatas, Sacred and Secular Part Songs, Anthems and Choruses.

MUSIC X.

Ensemble Playing. (Any year, one period weekly).
This course is to give the student facility and ease in playing with others. Students of the piano and of stringed instruments will find this course a valuable means of not only becoming better players, but also of materially extending their knowledge of musical literature.

THE PIANOFORTE.

Preparatory. Position at the piano, position of the hand, gymnastics at the piano and away from it to gain control of the muscles of the fingers, hands, wrists and arm, and to make them responsive to the command of the will. Exercises for all kinds of touches. The work of development of technique is carried on with and without notes, at the discretion of the teacher.
Intermediate. A continuation of the technical exercises and the study of pieces in the smaller forms for pedaling, phrasing, and analytical purposes. Stress on memorizing from a harmonical standpoint. Etudes by the best composers.

Advanced. A study of the classics, both ancient and modern, by the best writers for aesthetic development and repertoire.

Note.—Particular stress is laid upon the individual needs of each pupil.

THE VIOLIN.

Preparatory. The position of the body, the instrument and the bow. Exercises for the development of correct intonation, and correct use of the bow. Study of the major and minor scales, in two octaves. Simple solos and duets.

Intermediate. Knowledge of shifting, study of the scales and technical exercises in the positions. Sight reading and solos.

Advanced. Major and minor scales and arpeggios in all the positions. Advanced technical studies, concert pieces and ensemble work.

THE PIPE ORGAN.

(For advanced students of the piano only).


Intermediate. Continuation of the pedal studies with special stress on phrasing. The study of Bach's chorals, intermediate preludes, and fugues. The use of the organ in religious services and hymnology.

Advanced. The study of the organ from an orchestral standpoint. Bach's larger works, standard organ sonatas, concert pieces, and repertoire.
VOICE CULTURE.


Intermediate. Development of resonance in the singing voice and opening up of resonating chambers. Mixing of the upper and under resonance. Technical studies for the flexibility of the voice, and for rapidity in execution. Application of words in the vowel exercises and the study of simple songs.

Advanced. Continuation of vocalises for higher development in flexibility, resonance and power. Interpretation and repertoire.

History of Music. (Any year, two periods weekly).
## Outline of Course of Study for Graduating Diploma.

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>The Pianoforte</th>
<th>SECOND YEAR</th>
<th>The Voice</th>
<th>THIRD YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Piano</td>
<td>2 Piano</td>
<td>2 Piano</td>
<td>2 Voice</td>
<td>2 Piano</td>
</tr>
<tr>
<td>2 Harmony</td>
<td>2 Harmony</td>
<td>2 Harmony</td>
<td>1 Piano</td>
<td>1 Piano</td>
</tr>
<tr>
<td>1 Sight Singing</td>
<td>2 Music History</td>
<td>1 Sight Singing</td>
<td>1 Counterpoint</td>
<td>1 Piano</td>
</tr>
<tr>
<td>1 Chorus</td>
<td>1 Chorus</td>
<td>5 French or German</td>
<td>5 Counterpoint</td>
<td>1 Analysis</td>
</tr>
<tr>
<td>1 Ensemble</td>
<td>5 German or English</td>
<td>1 Ensemble</td>
<td>1 Analysis</td>
<td>and Form</td>
</tr>
<tr>
<td>5 German or English</td>
<td>1 Ensemble</td>
<td>1 Chorus</td>
<td>1 Chorus</td>
<td>1 Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 Music History</td>
<td>1 Chorus</td>
<td>1 Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Ensemble</td>
<td>1 Chorus</td>
<td>1 Chorus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Chorus</td>
<td>2 Organ</td>
<td>2 Organ</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Ensemble</td>
<td>1 Piano</td>
<td>1 Piano</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 Music History</td>
<td>2 Counterpoint</td>
<td>1 Piano</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Chorus</td>
<td>2 Harmony</td>
<td>1 Counterpoint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Ensemble</td>
<td>1 Sight Singing</td>
<td>1 Analysis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 Organ</td>
<td>5 German</td>
<td>and Form</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Piano</td>
<td>or German</td>
<td>4 French</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 Harmony</td>
<td>or German</td>
<td>or Italian</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Sight Singing</td>
<td>1 Chorus</td>
<td>1 Chorus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 French</td>
<td>1 Ensemble</td>
<td>1 Ensemble</td>
</tr>
<tr>
<td></td>
<td></td>
<td>or German</td>
<td>2 Organ</td>
<td>1 Orchestra</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Ensemble</td>
<td>2 Violin</td>
<td>2 Violin</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Chorus</td>
<td>1 Piano</td>
<td>1 Piano</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Ensemble</td>
<td>2 Harmony</td>
<td>1 Counterpoint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Orchestra</td>
<td>1 Sight Singing</td>
<td>1 Analysis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Orchestra</td>
<td>5 German</td>
<td>and Form</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Music History</td>
<td>1 Chorus</td>
<td>4 French</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Ensemble</td>
<td>or Italian</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Orchestra</td>
<td>1 Chorus</td>
</tr>
</tbody>
</table>

**Note**—Students found proficient in any subject will be allowed to substitute another.
**Artist Recitals.**

To the student in music, the hearing of the best music is just as important and forms as valuable an education as the lessons, and should form part of the plans of every student in the school. Tacoma offers exceptional advantages in this, as a great many of the best artists before the public today appear here throughout the school year.

**Faculty Recitals.**

Besides the foreign artists who are heard on the Musical Course, the Conservatory faculty give repeated concerts throughout the entire school year.

**Student Recitals.**

These programs are given weekly and furnish to the student excellent practice in appearing before others in a musical way, a very valuable preparation to the more advanced work along concert lines. During the past year, a large number of the best works by writers of the classical and modern schools have been presented, and form a valuable education to all serious-minded students of music. While primarily for the music student, these recitals are open to the public.

**The School of Music Orchestra.**

This organization, composed of the more advanced players in college and city circles, meets once a week for the study of the different forms of orchestral writings. They appear in the symphony, overture, and other lighter grades of work. Admission to this organization may be secured by those qualified for the work. Students in the string department find this a valuable help in their violin work.
The Choral Union.

Membership in this organization may be obtained by those qualified for the work, and examinations for admission are held at the beginning of each year.

The University Glee Club.

The University Glee Club is composed of from sixteen to twenty young men possessing the best voices in the University.

College Credits.

Credits will be given in the College of Liberal Arts towards graduation for musical work as follows: One hour for choral work, three hours for History of Music, six hours for Harmony.
TUITION

(Tuition, payable by the term, strictly in advance).

PRIVATE LESSONS

With Heads of Departments, in Piano, Pipe Organ, or Voice.

<table>
<thead>
<tr>
<th></th>
<th>Winter Term, 14 Weeks</th>
<th>Spring Terms, 12 Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>One half-hour lesson per week</td>
<td>$28.00</td>
<td>$24.00</td>
</tr>
<tr>
<td>Two half-hour lessons per week</td>
<td>50.00</td>
<td>48.00</td>
</tr>
</tbody>
</table>

With Other Instructors in Piano, Pipe Organ or Voice.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>One half-hour lesson per week</td>
<td>$17.50</td>
<td>$15.00</td>
</tr>
<tr>
<td>Two half-hour lessons per week</td>
<td>28.00</td>
<td>24.00</td>
</tr>
</tbody>
</table>

With Assistant in Beginning Piano.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>One half-hour lesson per week</td>
<td>$14.00</td>
<td>$12.00</td>
</tr>
<tr>
<td>Two half-hour lessons per week</td>
<td>25.00</td>
<td>21.50</td>
</tr>
</tbody>
</table>

CLASS LESSONS

Juvenile Piano Course—For Children Under Fourteen Years.

<table>
<thead>
<tr>
<th>Two lessons weekly</th>
<th>$14.00</th>
<th>$12.00</th>
</tr>
</thead>
</table>


<table>
<thead>
<tr>
<th>Two hour lessons weekly</th>
<th>$6.00</th>
<th>$6.00</th>
</tr>
</thead>
</table>

INCIDENTALS

Incidental Fee to Music Students, per term.......................... $1.00
Incidental Fee to University students taking one music course, per term .............................................. .50
Music Library Fee, per term.............................................. .25
Chapel Organ, for practice purposes, per hour......................... .25
Piano rent, one hour per day, per term................................ 3.00
The modern educator knows that learning to draw is really learning to see, at the same time teaching the hand and mind to work together in expressing what is seen. Far-reaching in its ultimate cultural effects from a national educational standpoint, and immediately “practical” from a business point of view, is the education of skilled artist-workmen with power to put artistic feeling into their work and thus lift their production from the embodiment of toil to that of culture.

A great many students of this school never expect to become painters, illustrators, or professional artists in any field. It is well known that many study art as a help in different vocations not having any intimate connection with art.

During the coming year lectures will be given, including illustrated courses in art history, literature and technique, and comprise popular topics intended for students interested in the subjects discussed. The recognition by business men of the commercial value of art, and the natural demand of the people for a pleasing appearance in the things for which they spend their money, and with which they live, have done much toward making art study the important factor it has become in education.

GENERAL INFORMATION.

The art students have an annual Art Festival, besides other social functions, at different times.
Students will supply their own material, excepting their easels and drawing boards, which the institution furnishes free of charge. Instruction in all classes is individual. Advancement of each student depends on the degree of proficiency only, and all promotions are made subject to examination, if required, by the teacher.

Courses of Study.

The following courses are offered:

1. Course leading to a diploma.
2. Supervisors’ Course in Public School Drawing.
3. Special Students’ Course.
### COURSE LEADING TO A DIPLOMA

#### FRESHMAN
- Nature Study
- Model Drawing in Outline
- Object Drawing
- Artistic Anatomy
- Perspective
- Lettering
- Illustrative Work
- Grouping of Still Life
- Modeling

#### SOPHOMORE
- Figure Pose
- Constructive Design
- Advanced Perspective
- History of Art
- Artistic Anatomy
- Drawing from Head
- Drawing Full Length
- Still Life Painting

#### JUNIOR
- Pictorial Composition-Landscape
- Drawing from Full Length Sketch
- Artistic Anatomy
- History of Art
- Pictorial Composition

#### SENIOR
- Painting from Full Length Sketch
- Pictorial Composition in Color
- Artistic Anatomy
- Esthetics
- Thesis on Art

1. **Still Life.** This is an important class for either the beginner or advanced student. In painting from still life the fundamental principles of the painters' craft are learned. The study of color begins in these classes, first through the painting of simple masses of form, such as are found in vegetables and fruits; then the student is given more difficult combinations, with reflected lights and values. The work is in oil, water colors, or pastel. Truthfulness in form, color, and value, and simplicity of treatment are the requisites upon which the efforts of instruction and of students are concentrated.

   This class might be called the keynote of the artistic policy of the school, as it is the chief idea to teach the student the most direct way to use his medium to represent the subject he has before him. Tuition, $5.00 for six three-hour lessons. Two days' attendance a week. $15.00 for twenty lessons.

2. **Composition.** The science of what to put into the pictures and where to put it. Students are given a subject and are asked to embody their ideas concerning it in sketches. Any medium may be used.
3. **Modeling.** Study of the principles of design with clay as a medium of expression, including familiar objects and simple forms.

4. **Keramics.** There is no more important department in the field of industrial art than that of keramics. The object of these classes is to acquaint students with fundamental principles and practical methods in connection with keramic design, so that they may be able to create new and original designs suited to the ware, to develop an appreciation for form and color, a taste for beautiful but simple table service, and to produce it.

5. **Designing.** The instruction in design includes the study of organic ornament, geometric and conventionalized, the distribution of areas, the effect of repetition and contrast, the artistic use of colors. Simplicity of form, character in line and mass are requisites insisted upon. The shade and style of each piece of china to be decorated are carefully considered. The instruction in keramics covers processes and materials, including the use of tools and appliances, the properties of paints, lustres and gold.

The school is equipped with one of the largest kilns in the Northwest, and all appliances necessary for successful work in china painting. Students are taught the method of firing and are taught and encouraged to make their own designs.

Tuition, $5.00 for six three-hour lessons. For two days' attendance a week. $15.00 for twenty lessons.

6. **Arts and Crafts.** Modeling in brass and copper. Exclusive designs are wrought in hammered and etched metals. The designing and modeling of jardinières, ferneries, book ends, candlesticks, lamps and shades, novelties and useful articles for home decoration are all included in the work of the pupils. Tuition, $1.00 per two-hour lesson.

7. **Night Classes.** The study of color is omitted in the evening instruction and some classes are added that are not provided for in the day work. The time in the evening classes is limited, the class session being but two hours; therefore, the instruction is made as practical as possible. For night students nothing can be more practical than the drawing to be had in the antique, life and still life classes.

Special work will be given students who can study only at night. The tuition fee for two evenings a week is $3.00 per
month. Pupils furnish their own materials, excepting easels and drawing boards. Each pupil is requested to provide a portfolio, in which to keep drawings.

3. Juvenile Class. On Saturday forenoons, from 10 to 12 o'clock, classes in drawing and painting are held for boys and girls. As a matter of education, every boy and girl should understand how to draw, paint, and model. By doing work along artistic lines the artistic sense is awakened and growth stimulated. The instruction includes object drawing, colored chalk, water colors, clay work, and paper cutting. The tuition fee is $6.00 for twelve Saturdays of one term, in class of ten.

Saturday classes especially adapted to the needs of public school teachers are held Saturday from 10 to 12 o'clock. The course extends over the whole of the school year. The tuition is $6.00 for the twelve Saturdays of the term. The instruction will be conducted upon pedagogic principles and will include water colors, study of landscape, trees and foliage, figure posing, fruits and vegetables, in connection with still life composition, perspective, talks on pictures, and story telling. Classes will be formed upon application of ten or more students.

9. History of Art. The course in History of Art will consist of lectures and reference work by the students. Careful notebooks will be kept, and the $1.00 laboratory fee will cover the cost of prints of the most noted pictures. The Fall term will be devoted to the study of Painting, the Winter term to Sculpture and the Spring term to Architecture. Three hours per week.

Design is a study of composition or arrangement. The course includes surface decoration. Dark and light, two tone, and three tone work.

Cardboard and raffia work, weaving.

Water color and chalk from life, still life and landscape.

Modeling. Familiar objects and simple forms modeled in clay.

All finished work must be left in the school, or if removed, by special permission, must be returned before the close of the school year for the final examination and exhibit.
Still Life. The arrangement and representation of objects, including studies of fruit, flowers, vegetables, plants, and other common objects.

Composition. The arrangement of the elements of a picture, light, shade, and color in a series of progressive studies, illustrated by pictures and other reproductions. In artistic composition we study what to put in the picture, and where to put it.

Normal Art

FRESHMAN YEAR

Fall
Nature Study.
Sketching of Flowers, grasses, seedpods.
Study of the principles of free-hand perspective and their application to the drawing of objects.
Study of grouping of still life.
Work related to the Thanksgiving and Christmas season.

Winter
Studies of fruit and vegetables.
Model drawing in outline.
Perspective of shadow and reflections.
Still life, water color, crayon.
Decorative design.

Spring
Nature study as suggested by the seasons.
Growth of buds, blossoms and grasses.
Still life, water color.
Composition.

SOPHOMORE YEAR

Fall
Nature study, water colors.
Study of principles of design and composition.
Still life, water color.
Time sketches.
Clay modeling, raffia.

Winter
Composition.
Still life, water color.
Figure sketching and the use of the figure in illustrating stories.
Modeling raffia.
Illustration of stories and poems.
Memory drawings.

Spring
Blackboard drawing.
Object making, paper and cardboard.
Nature study, water color crayons.
Still life, work grouping, color harmonies, water colors.
Landscape drawing, expressing time of day, seasons, etc.
Modeling, raffia.
Supervisors' Course.

Class A. Geometric Problems Model drawing in outline, outline group of common objects, light and shade drawings, colored objects, light and shade drawing from cast of historic ornament, details of human figure from cast, exercises in pencil drawing, water color studies from still life and flowers, applied design.

Class B. Drawing from the antique figure and living model, anatomical details, perspectives of shadows, reflections and aerial effects, study from still life in oil or water color, composition, painting from model.

Class C. Ornament from cast, study from drawing of photograph, animal from cast, details of antique figure, applied design, head from life, figure composition, figure from life.

Class D. Practice teaching and supervision, work required.

1. Representation, freehand (a) Drawing delineation. (b) Painting.

2. Design.


   (a) Weaving, string, yarns, raffia, reed.

5. Hand Work (b) Object making, paper, cardboard. (c) Modeling clay.

ARCHITECTURE.

The School of Art is ready to organize introductory classes in Architecture if the number desiring such work be sufficient to justify the same. Such courses would consist of free-hand drawing, general engineering designing, history of architecture, elementary architectural drawing, and construction. Those interested in these courses are invited to correspond with the president of the institution.
The Academy

The purpose of the Academy is to prepare students for admission to the College of Liberal Arts of the University of Puget Sound, or for admission to any other College of Liberal Arts, and to afford those who cannot take a full college course a general education in the arts and sciences. Those who wish to complete the requirements for admission to any of the professional schools will find the work of our academy well suited to their needs. The bright, energetic student of mature years, in preparing for attendance in college or some professional school, can save a year's time in the Academy as compared with the time required in the average high school.

Admission.

Any student of good moral character who has completed the work of the eighth grade of the public school or its equivalent will be admitted to the academy and assigned to such classes as he is qualified to pursue. Students are requested to bring certificates or diplomas from other schools in which they have studied whenever it is possible for them to bring them.

Courses of Study.

The Academy offers two courses of study, the Classical and the Scientific, each requiring four years for completion and leading to entrance in the College of Liberal Arts. The Classical course leads to the Classical and Latin Scientific courses in the college. The Scientific course leads to the Scientific and Modern Language courses in the College of Liberal Arts. Students entering any class with conditions, will be required to remove them before being permitted to take up advanced work.
Admission to College Seating.

Academy students may be admitted to the freshman class when they lack no more than forty term hours of having completed the prescribed work. They will not be admitted to full freshman standing, however, until the entire academy course is completed.

Upon the completion of the entire academy course students are entitled to receive the Academy diploma.

Classification of Students.

A student may be ranked with any given Academy class, provided he lacks no more than fifteen term hours of having completed the previous work of that class. The University reserves the right, however, to make subsequent changes in a student's classification when the character of his work necessitates such change.

Special Advantages.

The Academy students enjoy all of the advantages that are open to the College students of the University, and thus have superior advantages over those attending high schools. Our Academy students meet in the same chapel exercises with College students, associate in the same literary societies, christian associations, and in the various social functions. To a large extent they recite to the same teachers that are conducting College classes.

Our Academy students have their own class organizations, literary contests, and graduating exercises, all of which are well supported by our students. The literary societies form a very strong factor in all student life.

Tuition and Fees.

The Academy tuition will be found in connection with the College tuition.
JUNIOR ACADEMY

In connection with the regular four years' work of the Academy classes are conducted in the work of the sixth, seventh, and eighth grades known as the Junior Academy. These classes are conducted in connection with the School of Education and serve as a training school for that department. Those qualifying for graduation from the School of Education will do some of the teaching of the Junior Academy. The work, however, will be under the oversight of an experienced teacher and proper attention will be given to all of the pupils. As far as possible special attention will be given to the needs of the individual pupils and these will be advanced just as rapidly as their work prepares them for promotion.

Tuition for the Junior Academy for the seventh and eighth grades will be as follows:

- **Tuition, Fall Term**: $6.00
- **Incidentals, Fall Term**: 4.00  $10.00
- **Tuition, Winter Term**: 5.00
- **Incidentals, Winter Term**: 3.00  8.00
- **Tuition, Spring Term**: 5.00
- **Incidentals, Spring Term**: 3.00  8.00

When paid in advance $25.00 cash will be accepted in settlement of the year's tuition.
### COURSES OF INSTRUCTION

#### Classical and Latin-Scientific

#### FIRST YEAR

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Beginning Latin</td>
<td>5 Beginning Latin</td>
<td>5 Beginning Latin</td>
</tr>
<tr>
<td>5 English</td>
<td>5 English</td>
<td>5 English</td>
</tr>
<tr>
<td>5 El. Algebra</td>
<td>5 El. Algebra</td>
<td>5 El. Algebra</td>
</tr>
<tr>
<td>4 Physical Geography</td>
<td>4 Physical Geography</td>
<td>4 Physical Geography</td>
</tr>
<tr>
<td>1 Penmanship</td>
<td>1 Penmanship</td>
<td>1 Penmanship</td>
</tr>
</tbody>
</table>

#### SECOND YEAR

| 5 Latin, Caesar | 5 Latin, Caesar | 5 Latin, Caesar |
| 5 Plane Geometry | 5 Plane Geometry | 5 Plane Geometry |
| 5 English | 5 English | 5 English |
| 4 Oriental and Greek History | 4 Roman and Mediaeval History | 4 Modern History |
| 2 Drawing | 2 Drawing | 2 Drawing |

#### THIRD YEAR

| 5 Latin, Cicero | 5 Latin, Cicero | 5 Latin, Cicero |
| 3 English | 3 English | 3 English |
| 2 Public Speaking | 2 Public Speaking | 2 Public Speaking |
| 5 Physics | 5 Physics | 5 Physics |
| 5 Am. History and Civics | 5 Am. History and Civics | 5 Am. History and Civics |

#### FOURTH YEAR

| 5 Latin, Virgil | 5 Latin, Virgil | 5 Latin, Virgil |
| 4 English | 4 English | 4 English |
| 1 Public Speaking | 1 Public Speaking | 1 Public Speaking |
| 4 Solid Geometry* and Algebra | 4 Solid Geometry* and Algebra | 4 Solid Geometry* and Algebra |
| 5 German | 5 German | 5 German |
| 2 Bible History | 2 Bible History | 2 Bible History |

* Instead of Solid Geometry, Commercial Law or Domestic Science may be taken for one-half year.
# Courses of Instruction

## Scientific and Modern Languages.

**First Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Beginning Latin</td>
<td>5 Beginning Latin</td>
</tr>
<tr>
<td>5 English</td>
<td>5 English</td>
</tr>
<tr>
<td>5 El. Algebra</td>
<td>5 El. Algebra</td>
</tr>
<tr>
<td>4 Physical Geog.</td>
<td>4 Physical Geog.</td>
</tr>
<tr>
<td>1 Penmanship</td>
<td>1 Penmanship</td>
</tr>
</tbody>
</table>

**Second Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Latin, Caesar</td>
<td>5 Latin, Caesar</td>
</tr>
<tr>
<td>5 Plane Geometry</td>
<td>5 Plane Geometry</td>
</tr>
<tr>
<td>5 English</td>
<td>5 English</td>
</tr>
<tr>
<td>4 Oriental and Greek History</td>
<td>4 Roman and Mediaeval History</td>
</tr>
<tr>
<td>2 Drawing</td>
<td>2 Drawing</td>
</tr>
</tbody>
</table>

**Third Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 English</td>
<td>3 English</td>
</tr>
<tr>
<td>2 Public Speaking</td>
<td>2 Public Speaking</td>
</tr>
<tr>
<td>5 Physics</td>
<td>5 Physics</td>
</tr>
<tr>
<td>5 German</td>
<td>5 German</td>
</tr>
<tr>
<td>5 Am. History and Civics</td>
<td>5 Am. History and Civics</td>
</tr>
</tbody>
</table>

**Fourth Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 English</td>
<td>4 English</td>
</tr>
<tr>
<td>1 Public Speaking</td>
<td>1 Public Speaking</td>
</tr>
<tr>
<td>4 German</td>
<td>4 German</td>
</tr>
<tr>
<td>5 Botany</td>
<td>5 Botany</td>
</tr>
<tr>
<td>4 Solid Geometry and Algebra</td>
<td>4 Solid Geometry and Algebra</td>
</tr>
<tr>
<td>2 Bible History</td>
<td>2 Bible History</td>
</tr>
</tbody>
</table>
Latin.

Believing that what the student will do with his Latin is not so important as what the Latin will do with the student—the aim in this department is largely disciplinary. Careful attention is paid however, to the so-called “practical” ends of Latin study, viz.: Facility in the use of idiomatic English acquired in translation, and the study of English derivatives. Stress is laid also on reading and understanding Latin in the Roman language and order—a process which revivifies a “dead” language.

First Year—Elementary. Thorough drill in fundamentals Standard text. Daily.

Second Year—Composite Course. Roman History from earliest times to the times of Caesar, in simplified Latin. Selections from Nero’s “Lives” and from “Viri Romae.” First Book of Caesar’s “Gallic War.” Latin writing and review of syntax one day per week throughout the year. Daily.


Fourth Year—Virgil’s Aeneid. Six books. Versification, mythology and figures of speech. Comparison with the Iliad and Odyssey. Special emphasis on translation and appreciation of the great epic as a literary masterpiece. Daily.

German.

German is pursued during the third and fourth years. The first year of German is given to the mastery of the essentials of grammar, exercises in composition, practice in conversation and pronunciation, and the reading of selections of easy prose.

In the second year special attention will be given to the application of the principles of grammar and syntax in the writing of
German exercises. The reading of more difficult authors will begin, selection varying from year to year, as deemed advisable. Much time is given to conversation.

**English.**

From the study of English the student should gain both culture and discipline. In the courses outlined below there is an attempt to combine two divergent purposes: To secure both a familiarity with books and an ability to write clearly and accurately in the English language. In order to incite curiosity about books, outside reading is frequently assigned. Particular attention is given throughout the classes to oral expression.

**First Year.** The study of grammar is carried on together with the writing of themes and the reading of classics. Scott's "The Lady of the Lake," Shakespeare's "Merchant of Venice" and Tennyson's 'Gareth and Lynette," "Lancelot and Elaine," and "The Passing of Arthur" are read in class and Stevenson's "Treasure Island" is assigned as outside reading. Texts, Gowdy's English Grammar, and Scott and Denny's Elementary English Composition. Five hours. Fall, Winter and Spring.


**Third Year.** The formal study of rhetoric is begun, the practice in writing being continued. "Julius Caesar" and "Macbeth" are studied during the Fall term, and American Literature is taken up in the second, and third terms, Cooper's "The Last of the Mohicans" being read outside of class. Texts: Scott and Denny's "Composition and Rhetoric," Long's "American Poems," and Newcomer's "American Literature." In connection with this course, the class takes two periods of work each week in Public Speaking. Three hours. Fall, Winter and Spring.
Fourth Year. The history of English Literature is taken up systematically, and the following classics are studied: Chaucer's "Prologues," Milton's "Minor Poems," Burke's "Speech on Conciliation with America," and Carlyle's "Essay on Burns." Orations are prepared during the third term. Text: Long's "English Literature." In connection with this course the student takes one hour a week in Public Speaking. Four hours. Fall, Winter, and Spring.

Public Speaking.

A two-hour course in Public Speaking is offered in the third year and a one-hour course in the fourth year of the academy. In these courses the student is taught the principles governing the art of Public Speaking. Attention is given to the correct pronunciation of words, the training of the voice and such drill in calisthenics as will impart an easy and natural manner. The student is given a definite task for each recitation. He is requested to recite frequently before the class and is given constructive criticism by the instructor. Each student receives individual attention from the teacher.

History of the Bible.

In the fourth year a two-hour course is given in the History of the Bible. The design of this course is to furnish the student with a general knowledge of the Old and New Testament history and geography and to arouse a deeper interest in the study of the sacred Scriptures.

Mathematics.

A knowledge of arithmetic, including ordinary factoring and metric system, is required to enter this academic course of three years. In algebra the pupil is taught the necessity of being able to "read" accurately the thought presented by this new symbolical
language. In geometry the mastery of many original exercises is required, being necessary to assimilate the truth found in the abstract theorems.

First Year. Elementary Algebra. Fundamental operations checking the same with arithmetic, numbers, identities, and equations through easy quadratics, graphs for illustration, powers, roots, radicals, factoring, fractions, proportion, as given in Slaught and Lennes' High School Algebra, Part I. Five hours.

Second Year. Plane Geometry. This year's work begins with concrete geometry, but proceeds promptly to demonstrative geometry, with emphasis on the fundamental theorems, yet not neglecting the necessary propositions in which more difficult treatment is used. Numerical exercises will be introduced, which will call for the use of literal algebra. Text: Slaught and Lennes. Five hours.

Fourth Year. Solid Geometry, including Spherical Geometry. The election of this subject in the Classical and Latin Scientific courses is intended primarily for those who do not expect to take a college course. It is much needed for the required year of Freshman Mathematics, College Algebra and Trigonometry. Fall term and first half of Winter term. Text: Slaught and Lennes. Four hours.

Elementary Algebra. More extended work in exponents, radicals, quadratics, graphs, proportion and other subjects of the first year, factor theorem, progressions, binomical theorem for a positive integer, theory of quadratics, inequalities, variation, logarithms and symmetry. Text: Slaught and Lennes' High School Algebra, Part II. Winter term (last half) and Spring term. Four hours.

Physics.

A non-mathematical presentation of the chief principles and facts of physical science. The study of the properties of matter, mechanics of solids, mechanics of fluids, sound, heat, light, magnetism and electricity. Three hours text and four hours laboratory work are required each week. Milliken and Gale's First Course in Physics will be used as the text, with Mann and Twiss as a supplementary work. In the laboratory
Siddon's Practical Measurements and Milliken and Gale's Laboratory Course in Physics will be employed. Throughout the year. Five hours. Prerequisite, Algebra.

Botany.

Morphology. This begins with the plant cell as a foundation to all life, studies the type forms of all representative plants, and traces the development from the simplest to the more advanced forms of plant life. Fall term.

Physiology. This treats of the activities of the higher plant; how it lives, breathes, feeds, grows, and reproduces itself. Winter term.

Economic Relations of Plants and Animals. The Spring term will be given up to plant analysis and herbarium work. During the year the class will make excursions to the field to study plants in their natural habitat. The academy is one of a small number of schools in the state doing accredited work in this subject. Spring term.

History and Civil Government. For Academy students the University offers six terms of work in the Department of History and Civil Government, viz: Three of Ancient, Mediaeval, and Modern History; two of American History, and one of Civil Government.

In all courses the endeavor will be to conduct the work according to the most approved methods. To this end frequent use will be made both of original and secondary sources. Individual reports and topical investigations will form a prominent feature of the work. With the view of making the student acquainted with the standard historians, several hundred pages of assigned readings on the part of each student will form a part of each term's work. In connection with this reading every student will prepare at least one extended original study or paper each term.
Group I.


2. The Political, Military, Religious and Social History of Rome. From its founding to the fall of the Western Empire, 476 A.D. This will be followed by a review of the chief periods and events of the history of the Middle Ages. Text: Myer's General History. For second year students. Winter term. Four hours.


   Division 2. The Period of Political Revolutions. Progress toward political freedom and constitutional liberty. The history of the development of the leading modern nations to the present time. Text: Myer's General History. For second year students. Spring term. Four hours.

Group II.


5. American History and Civil Government. Following the history of the framing and adoption of the Constitution, a term's work will be devoted to a more thorough study of that great instrument and of the conduct and operation of the government under it. Text: Ashley's American Government. For third Academy students. Winter term. Five hours.

6. American History and Civil Government. From 1801 to the present time. The political, military, and social history of the United States from the beginning of the 19th Century to and including the administration of President Taft. Continuation of Course 4. Texts as in Course 4. For third Academy students. Spring term. Five hours.
Tacoma Summer Normal School

History of the Tacoma Normal and Summer School of the University of Puget Sound.

In point of time this school is the first and oldest of its kind in our State, having been organized in 1894 by Prof. L. L. Benbow and Hon. Henry B. Dewey, the present efficient Superintendent of Public Instruction. Notwithstanding the organization since that time in Washington of other summer schools of similar aims and purposes, the Tacoma Summer Normal has enjoyed a steady and permanent growth each year. It has now a host of friends among the teachers of both Eastern and Western Washington, grateful to it for help given, inspiration received, and success achieved both in examinations and in the conduct of their schools. A high percentage of the students doing faithful work in this school have been successful each year in securing certificates and in conducting successful schools. Its instructors have been men and women whose personal character and professional attainments have commanded respect and confidence.

Courses of Study Offered. The immediate and practical aim of the Tacoma Normal for the Summer of 1912 will be to prepare candidates for certificates for the August examinations. To accomplish this aim a rapid but thorough review will be given in all subjects required for first, second, and third grade certificates.

Accordingly, for candidates for a third grade certificate courses will be offered in Arithmetic, Geography, Grammar, His-

For candidates for the second grade certificate the above subjects plus Normal Music will be given.

For candidates for first grade certificate courses will be offered in Algebra, English Literature, Physics, Physical Geography, and Psychology.

OTHER SUBJECTS. Those who have recently graduated from the Tacoma and other high schools and contemplate teaching next year will find in the Tacoma Summer Normal an excellent opportunity to review the common branches.

High School students who have not yet finished their four years' work and who wish to make a term or a semester credit will do well to communicate with the faculty of the Summer School, especially in regard to classes in Algebra, Plane Geometry, Physical Geography, English Literature, Botany, Zoology, General History and United States History. It is recommended that no student attempt more than two courses in the hope of receiving credit. Those desiring semester credits should recite two hours per day and do an amount of work equal to that done in a semester in the best schools.

In addition to the studies given in the regular Summer Normal School, if there be sufficient demand, classes will be organized in Bookkeeping, Stenography, Typewriting, Civil Government and Composition. All college classes are organized at the option of the faculty of the Summer School.

Special arrangements have been made to give courses in History of Education, Psychology and Methods; also to teach Bot-
any and Agriculture and likewise give work in Domestic Science. These are new departures for the Tacoma Summer School and it is hoped that there will be sufficient demand for such work in order to make it a permanent part of the summer curriculum.

A Summary of the Work to be Offered, then, Would Be: 1st. Courses leading to third, second, first grade, and first grade primary certificates.

2nd. Courses, at option of faculty, leading to professional and life certificates and to High School and College credit and graduation.

3rd. Courses leading to a wider knowledge, a deeper culture, and a broader outlook on life’s duties and problems.

Who Should Come to the Summer School of the University of Puget Sound. 1st. Candidates for a third grade certificate.

2nd. Candidates for a second grade certificate.

3rd. Candidates for a first grade certificate.

4th. Candidates for a first grade primary certificate.

5th. Candidates for a professional certificate.

6th. Candidates for a permanent certificate.

7th. Candidates for a life certificate.

8th. Recent graduates of high schools desiring a thorough review of the common branches before the teachers' examination.

9th. Students desiring to make one or two credits toward high school graduation.

10th. Students desiring college credit.

11th. Persons desiring a wider knowledge and culture.
Provisions of the New School Law. Any person who receives credits of 90 per cent. or over in any subject or subjects at any regular teachers' examination in this State, and secures a certificate, shall not be required to take an examination again in such a subject in order to receive a certificate.

The holder of any common school certificate is entitled to write as many examinations as he may desire for the purpose of securing enough credits to entitle him to a certificate.

Any holder of a certificate higher than second grade, who shall, after the granting of the same, complete one year's work in an accredited institution of higher education in this state, shall, when work is certified to by the president of such institution, be entitled to a renewal upon application.

A holder of a third grade certificate may receive a second grade certificate provided the holder attends and does passing work in an accredited institution of higher education in this state for the period of one year.

The holder of a second grade certificate may have it renewed by an attendance of one semester at an accredited school of higher education, or of six weeks at an accredited summer school, when satisfactory work is done in three subjects and certified to by the principal of such school.

The University of Puget Sound is an accredited institution of higher learning, and hence is entitled to the above privileges, and is the only accredited non-state Normal School in Washington.

Special Lectures. In accordance with an almost unanimous vote that was taken by the teachers last summer, the University is arranging for a lecture and entertainment course. A number will be given upon Friday evening of each week. Tick-
ets for the entire course will be $1.00 to teachers. The course will consist of the following numbers:

July 5. Concert, Bellingham School of Music. Pianist, Miss Ethel J. Elliott; vocalist, Sue Frith, and violinist, Nelle Diehl. This aggregation of musicians have filled a number of concert dates in the state and have given satisfaction wherever they have gone.

July 12. Stereopticon Lecture by Professor Henry B. Dewey upon "The Schools of Washington." Professor Dewey is the state superintendent of public instruction of Washington and always has a message to teachers.

July 19. Organ Recital by Professor Walter G. Reynolds. Professor Reynolds is a musical composer and regarded as one of the leading organists of the Pacific slope, as well as its leading teacher of harmony.

July 26. Stereopticon Lecture by Hon. A. H. Denman upon "Mount Tacoma." Mr. Denman is a mountain climber and has a very fine collection of slides made by A. S. Barnes, the distinguished photographer of mountain scenery. Mr. Denman tells the mountain story in a most attractive manner.

August 2nd. Literary Rehearsal by Miss Mabelle Parshall, teacher of Expression of the Bellingham School of Music. Miss Parshall is unquestionably one of the most gifted public readers that has ever come to the Northwest. Her rehearsal will be a rare treat.

Facilities of Tacoma Summer Normal. The large and complete library of the City of Tacoma, together with the library of the University, will be at the disposal of the Summer School teachers. The laboratories of the University will be used whenever needed.

Expenses. Rooms in the University dormitories may be had at $1.00 per week each, or 75c per week where two occupy the same room. Two will be expected to occupy the same room
unless there is a sufficient number of vacant rooms to accommodate those desiring to room alone. The occupants of rooms must provide blankets, sheets, pillow slips and towels. Table board may be had for $3.50 per week at the University dining hall when paying by the week and for $3.00 per week if paying for board in advance for the entire period of six weeks. Board in private homes may be secured at higher figures. Rooms in the dormitories may be engaged in advance by paying a deposit of $2.00. It is our custom to use such books in the common branches as the teachers already have, thus saving the cost of buying new ones.

**TUITION.** Tuition for the Normal review subjects will be $10.00 for the term of six weeks. Students desiring credit for academy, high school or college classes will pay $6.00 per course or arrange privately with the instructor when there are fewer than five students. Laboratory Fee in Domestic Science for classes of ten or less, $2.50.

**TRIPS AND EXCURSIONS.** A summer in Tacoma will give an excellent opportunity to students coming from other points in Washington and from the Pacific Northwest to visit various points of scenic and historical interest. Among the trips especially recommended to our summer students are:

1st. **Mount Tacoma**, crowned with perpetual snow, and the beautiful Paradise Valley nestling at its base, the way thither leading among the giant trees for which Washington is so justly noted;

2nd. **Victoria, B. C.**, going by steamer on Puget Sound, seeing its quaint British life, its beautiful Parliament Building, its fine hotels, and stately castles;
3rd. Olympia, the State Capitol. On this trip the steamer winds its way amidst the islands of the upper Puget Sound with their evergreen-lined shores, dotted with fruit ranches and small towns.

4th. Hood's Canal. A trip to this fine inlet with its almost precipitous mountain walls is one of the sensations to a traveller in the Northwest. Every year thousands of Tacoma citizens regard a trip to Hood's Canal as one of the events of the summer season.

5th. The fertile Puyallup Valley with its hopfields and berry patches.

6th. The Annual Summer School Picnic at American Lake, twelve miles from Tacoma.

In addition to the above there are many places within the city limits of Tacoma that will repay a visit, Point Defiance Park, the High School Stadium, the State Historical and Ferry Museum, the largest wheat warehouses in the world, the large sawmills, the smelter, and the Cushman Indian School.

**ADVANTAGES OF THE UNIVERSITY OF PUGET SOUND SUMMER SCHOOL.**

1. A rapid, thorough review of the common branches.

2. The best arrangement of program, double time being devoted to Arithmetic and Grammar.

3. The opportunity to pursue other studies leading to first grade, professional and life certificates.

4. A faculty of long experience and of the best training.

5. The school has had eighteen years of successful experience in preparing candidates for the examinations.

6. The use of the University gymnasium, tennis courts, and athletic grounds.
7. The use of the University library and laboratories as well as of the Tacoma City Library.

8. The summer climate of Tacoma and the Puget Sound region is unsurpassed in the United States.

9. The cost of living is as reasonable as anywhere in Washington.

10. The advantages of spending the summer on the shores of Puget Sound and in a city like Tacoma, with its stadium, Ferry Museum, splendid churches, and libraries, and other means of culture which have given our beautiful city a high standing in the state.

11. By having the review early in the summer, teachers are enabled to discover the weak points in their armor and will know upon what points to lay stress in their private study in the weeks of the month of August preceding the examinations.

12. Finally, there is the advantage of enjoying a taste of college life while preparing for the noblest work men and women are called upon to do. "It is not amid the thunders of the battlefield, where men slay their fellowmen, that the noblest civil laurels are won, but in the quiet schoolroom, where devoted patriots, men and women, combine to slay misery, meanness and corruption."—Davidson.
ALUMNI OF PUGET SOUND UNIVERSITY

1893
Sherman, Chas. M., A. B., Prin. Lowell School....Tacoma, Wash

1894
Inwood, Alfred, A. B., Methodist District Supt....Riverside, Cal.
McNamee, Andrew J., A. B., Minister .......Dungeness, Wash.
Moore, Edward J., A. B., Supt. Missouri Anti-Saloon League
Williams, Chas. A., A. B., Minister................Sharon, Pa.
Williams, William J., A. B., Lawyer...........Youngston, Ohio

1895
Moore, Edward J., Ph. D., Supt. Missouri Anti-Saloon League
Sherman, Chas. M., Ph. D., Prin. Lowell School..Tacoma, Wash.
Schuh, Lewis H., Ph. D., President Capitol University
Columbus, Ohio

1896
Babcock, Frank B., Ph. B., Professor Cheney Normal School
Cheney, Wash
Claussen, Mrs. Myrtle (Misner), B. S..........Tacoma, Wash.

Other degrees conferred as follows:

1896
Bailey, William F., B. L., Principal School.....Parkland, Wash.
Bailey, Ida B., B. L.............................Parkland, Wash.
Barnard, Edward B., B. L., Prin. Irving School... Tacoma, Wash.
Barnard, Linnie, B. L.................................................. Tacoma, Wash.
Bonney, Evaline, B. L.................................................. Tacoma, Wash.
Bosse, Florence, B. L., Nurse..................................... Tacoma, Wash.
Boyer, Effie. (nee Johnson), B. L......................... Salem, Ore.
Burrows, Eleanor (nee Osborne), B. L..................
Cloy, Minnie B. (nee Clark), B. L..................... Deceased
Croxford, George A., B. L., Teacher................. Snohomish, Wash.
Elder, Emma J. (nee ———), B. L.........................
Fisher, Mary, B. L.................................................. Spokane, Wash.
Graham, Katherine H., B. L., Teacher Bryant School...
.................................................. Tacoma, Wash.
Graham, Lydia J., B. L., Teacher Emerson School. Tacoma, Wash.
Grass, William H., B. L., Teacher High School... Tacoma, Wash.
Hargear, Bessie, B. L., Teacher Irving School... Tacoma, Wash.
Larrimer, Elizabeth, B. L........................................... Tacoma, Wash.
Pease, John A., B. L.................................................. Tacoma, Wash.
Picard, Mabel, B. L., Teacher Grant School ....... Tacoma, Wash.
Pratt, Ida B., B. L.................................................. Tacoma, Wash.
Rice, Effie, B. L.................................................. Tacoma, Wash.
Shane, Elizabeth, B. L., Teacher Lowell School... Tacoma, Wash.
Smith, Eva G., B. L., Teacher Longfellow School... Tacoma, Wash.
Thompson, Nellie M., B. L.......................................... Tacoma, Wash.
Titlow, Alice A., B. L., Lawyer.............................. Tacoma, Wash.
Wheeler, Rohilla, B. L., Teacher Bryant School... Tacoma, Wash.
Whitney, Orrello C., B. L., Prin. Bryant School... Tacoma, Wash.
Whitney, Nettie M., B. L............................................ Tacoma, Wash.

1897

Bagley, Alvin W., A. B., Minister.................................
Thompson, Alfred, A. B..............................................
Steiger, Francis J., B. Ped........................................

1898

Arney, George A., A. B., Minister......................... San Gabriel, Cal.
Boyer, Charles O., A. B., Graduate student Northwestern University Medical School .................. Chicago, Ill.
Earl, Robert R., A. B., Minister........................ Schuyler Falls, N. Y.
Thompson, Alfred, M. A., Member Oregon Conference........
1899
La Violette, F. A., A. B., Minister .............. Chehalis, Wash.
Babcock, Frank B., M. A. ...................... Cheney, Wash.

1900
Johnson, George F., A. B., Manager Sherman, Clay & Co., 
........................................ Portland, Ore.

1903

ALUMNI OF UNIVERSITY OF PUGET SOUND

1904
Medcalf, Clinton B., A. B. .................... Honolulu, Hawaii
Pittmon, Edwin T., A. B., Business Man ........ Portland, Ore.
Place, Mrs. Pearl (nee Drake), B. S. ............ Caldwell, Idaho

1905
Rowland, Mrs. Georgina (nee Clulow), A. B. .... Tulare, Cal.
Walton, Wm. T., A. B., City Supt. of Schools .... Tulare, Cal.

1906
Egbert, Mrs. Idessa (nee Davis), A. B. ....... Conconully, Wash.
Long, John F., A. B., Theological Student ....... Evanston, Ill.
Sheafe, Earle V., A. B., Medical Student Iowa State Univer- 
.............tity .................................. Iowa City, Iowa

1907
Holker, Ada, Ph. B., Teacher High School ...... Vaughan, Wash.
McGandy, Grace, Ph. B., Teacher High School .... Elma, Wash.
Olsan, John M., B. S., Salesman ............... Tacoma, Wash.
Orr Paul J., A. B., Teacher ..................... Randle, Wash.
Pease, Vinnie A., B. S., Teacher High School ... Shelton, Wash.
Von Hoene, Mrs. Ethel (nee Pearl), B. S. ....... Seattle, Wash.
1908

Anderson, Mrs. Pearl (nee Stanbra) ...........East Sound, Wash.
Bullock, Ora Mae Ph. B., .........................Sumner, Wash.
Cook, Mrs. Leola (nee Barrett), A. B. ............Bremerton, Wash.
Cotter, Ethel, A. B., Teacher Puyallup H. S........Puyallup, Wash.
La Violette, F. A., A. M., Minister...........Chehalis, Wash.
LeSourd, Gilbert, A. B., Student Drew Theological Seminary

.................................................Madison, N. J.
Lovett, Egbert, A. B. .........................Sumner, Wash.
Marsh, Arthur, A. B., Prof. Univ. of Puget Sound, Tacoma, Wash.
Milligan, James, A. B., Minister .............Tacoma, Wash.
Hawk, Ulysses F., D. D., Minister..............Coeur d'Alene, Idaho

1909

Allen, Mrs. Edith, (nee Marlatt), Ph. B., Teacher...Iquique, Chili
Allen, Harry L., Ph. B., Teacher................Iquique, Chili
Grumbling, Elsie, Ph. B., Teacher .................Dupont, Wash.
Hathaway, Alta, A. B., Teacher High School, Burlington, Wash.
Hooton, Ada, A. B., Teacher High School........Waitsburg, Wash.
Pfiaum, William, Ph. B., Minister ...............Tacoma, Wash.
Wiese, Chas. H., A. B., Minister................Bristol, Wis.

1910

Blanpied, Charles Wesley, A. B., Industrial Secretary Y. M. C. A. ....Tacoma, Wash.
Green, William James, Ph. B., Minister ......Gig Harbor, Wash.
Hamilton, Mary Florence, A. B., Teacher High School........
......................................................Castle Rock, Wash.
Kennard, Guy Weir, A. B., Teacher High School, Auburn, Wash.
Mathews, Ernest John, A. B., Minister .............Watertown, Wis.
Stockton, Lyman Allen, Teacher .........San Diego, Cal.
Whipple, Libbie Marie, A. M., Teacher H. School, Ridgefield, Wash.
FALL 1910

Elliott, Thomas E., D. D., District Superintendent M. E. Church ............................... Tacoma, Wash.
Hill, Everett Merrill, D. D., Pastor University M. E. Church ......................................... Seattle, Wash.
Landen, George A., D. D., District Superintendent M. E. Church .................................. Bellingham, Wash.
LeSourd, David G., D. D., Member Puget Sound Conference .......................................... Tacoma, Wash.
McCormick, Robert Laird, L.L. D., Manager Weyerhaeuser Timber Co. .......................... Tacoma, Wash.

1911

Blanpied, Charles Wesley, A. M., Y. M. C. A.....Tacoma, Wash.
Crockett, George Tolbert, A. B., Teacher H. School..Astoria, Ore.
Day, Bertha Elizabeth, A. B., Teacher ................Burnette, Wash.
Marlatt, Adin E., B. S., Teacher .....................Rainier, Wash.
Mathews, Ernest J., A. M., Minister ................Watertown, Wis.
McGandy, Lois Alberta, A. B., Teacher ................Sumner, Wash.

1912

Day, George Marion, A. B. ............................Tacoma, Wash.
Jamison, Neal Clement, A. B. ..........................Puyallup, Wash.
Miller, Berna Lile, A. B. ...............................Tacoma, Wash.
Murphy, Edna May, A. B. .................................Tacoma, Wash.
Brown, John Reynolds, A. M., Physician and Surgeon, 
Tacoma, Wash.
Cozine, John Harlan, A. M., Director School of Music, Albion 
College 
Albion, Mich.
Knox, Wallace Eugene, A. M., Director School of Public 
Speaking, Nebraska Wesleyan University
University Place, Neb.
Van Benthuysen, Stephen Decatur, A. M., Director College 
of Commerce, Dakota Wesleyan University Mitchell, S. D.
Benedict, Edwin Lawrence, D. D., Pastor Green Lake M. E. 
Church Seattle, Wash.
Warner, Robert, D. D., Pastor First M. E. Church Moscow, Idaho

COLLEGE OF LIBERAL ARTS

GRADUATE STUDENTS

Benbow, Lee., History Sumer, Wash.
Brown, John Reynolds, Biology Tacoma, Wash.
Cozine, John Harlan, Music Albion, Mich.
Knox, Wallace Eugene, Public Speaking University Place, Neb.
Van Benthuysen, Stephen Decatur, Economics Mitchell, S. D.

SENIORS

Day, George M., Modern Language Tacoma, Wash.
Ford, Lyle Elizabeth, Modern Language Tacoma, Wash.
Jamison, Neal Clement, Modern Language Puyallup, Wash.
Miller, Berna Lile, Modern Language Tacoma, Wash.
Murphy, Edna May, Latin Scientific Tacoma, Wash.
Olsan, William David, Classical Sunnyside, Wash.

JUNIORS

Braun, Iva Myrtle, Modern Language Mount Vernon, Wash.
Brown, Bessie Evelyn, Home Economics Tacoma, Wash.
Grieve, Elizabeth Johnston, Modern Language .. Tacoma, Wash.
Reddish, Mae, Modern Language ............. Tacoma, Wash.
Rees, Ruth Etna, Modern Language ............. Everett, Wash.
Riley, Frank Gilbert ................................ Tacoma, Wash.
Rogers, Leroy Anderson .......................... Ferndale, Wash.
Simpson, Ralph David, Classical .............. Tacoma, Wash.
Warren, Arnold Hiles, Classical .............. Pe Ell, Wash.

SOPHOMORES

Arnquist, Josephine, Home Economics ....... New Richmond, Wis.
Day, Owen Truman, Classical ................... Tacoma, Wash.
Dupertuis, Samuel, Modern Language .......... Tacoma, Wash.
Flesher, Joyce Nathan, Education ............. Tacoma, Wash.
Hanawalt, Harold Olney, Latin Scientific ...... Tacoma, Wash.
Lister, Lillian Ada, Classical ................. Tacoma, Wash.
MacKinnon, Beth Isabel, Education ............. Tacoma, Wash.
Massey, Barbara Heck, Education ............... Olympia, Wash.
Max, Sam, Scientific ............................ Coeur d’Alene, Idaho
Miller, Ethel Adella, Modern Language ..... North Yakima, Wash.
Munro, Marguerite Elizabeth, Modern Language .... Sedro-Woolley, Wash
Murbach, Jack Everett, Classical ............... Almira, Wash.
Scheyer, Ethel M., Modern Language .......... Outlook, Wash.
Scott, Howard Percy, Classical ............... Petaluma, Cal.
Sherman, Leila, Education ........................ Tacoma, Wash.
Sprague, Roy Lambert, Modern Language ....... Tacoma, Wash.
Stanbra, Lawrence Glenn, Scientific .......... Bellingham, Wash.
Thomas, Olive, Education ........................ Tacoma, Wash.
Thompson, Frances, Modern Language ............ Tacoma, Wash.
Thompson, George Robert, Modern Language . Oakville, Wash.
Waldron, Maxwell Elmer, Latin Scientific ...... Tacoma, Wash.
Walker, Anabel, Education .................... Puyallup, Wash.
Walters, Marvin Martin, Classical .............. Tacoma, Wash.

FRESHMEN

Abelson, Alfred Tobias, Modern Language....... Tacoma, Wash.
Arnquist, Inez Josephine, Home Economics.. New Richmond, Wis.
Eell, Vivian Primrose, Home Economics ...... North Bend, Wash.
Benadom, Clyde Hendrick, Latin Scientific .... Seattle, Wash.
Best, Bessie Blanch, Education ................. Tacoma, Wash.
Black, Burr, Scientific ................................ Wasco, Ore.
Bonds, Mary Annie, Home Economics ............ Sumas, Wash.
Bouck, Beulah Ruth .................................. Sedro-Woolley, Wash.
Brown, Nell, Modern Language ................... Tacoma, Wash.
Campbell, John Luther, Education ............... Goldendale, Wash.
Clark, Rolla Laughridge, Classical ............. Spokane, Wash.
Conmey, Kathryn, Modern Language ............. Sedro-Woolley, Wash.
Flavel, Eva Roberta ................................... Sumner, Wash.
Ford, Myra Louise, Education .................... Tacoma, Wash.
Fry, Annie Willard, Modern Language ............ Sumas, Was.
Gale, Rupert Stanley, Commercial ............. Sedro-Woolley, Wash.
Gibson, Mary Eileen, Education .................. Tacoma, Wash.
Hart, Laura Cronin, Modern Language .......... Tacoma, Wash.
Hogue, Glenn Herbert, Scientific ............... Ellensburg, Wash.
Johnson, Einar Oscar, Classical ................ Tacoma, Wash.
Keeney, Aleph, Home Economics ................... Tacoma, Wash.
Kidd, Mamie Cassie, Education .................... Puyallup, Wash.
King, Alma Elepha, Home Economics .............. Ritzville, Wash.
King, Carrie Martha, Home Economics ........... Snohomish, Wash.
Klebe, Andy, Scientific ............................ Fort Missoula, Mont.
Lawson, Grace Christine, Modern Language .... Tacoma, Wash.
Long, Rena Lydia, Modern Language ............. Barneston, Wash.
McGrath, Esther Milne, Education .......... Nooksack, Wash.
Manney, Mary Alice ......................... Tacoma, Wash.
Miller, Charles Dennis, Classical .......... Centralia, Wash.
Moore, Homer Earl, Classical ................ Granville, Ohio
Neff, Chloe Myrtle, Education ............... Vega, Wash.
Nitchelm, Arthur Fred, Classical ............ Tacoma, Wash.
Rees, William Warren, Jr., Classical ......... Everett, Wash.
Rummel, Jessie L., Latin Scientific ........... Tacoma, Wash.
Schumacher, Grace Winifred, Home Econ........ Marysville, Wash.
Stigers, Bella Grace, Home Economics........ Sunnyside, Wash.
Thomas, Harriet June, Home Economics......... Tacoma, Wash.
Trott, Julia Quinn, Modern Language ......... Tacoma, Wash.
Vent, Helen Lynwood, Education ............. Sprague, Wash.
Warren, Alice Fern, Classical ................ Pe Ell, Wash.
West, Dorothy Cora, Home Economics .......... Sumas, Wash.

SPECIAL

Frey, Vera Evelyn ............................ Tacoma, Wash.
Matsuoka, Shigezo ............................. Tasa, Japan
Phillips, Coral Mary .......................... Lamont, Wash.
Rosorio del Jose ............................... 
Satterthwaite, Dorothea Hope ................ Puyallup, Wash.
Stigers, Ida Sophia ........................... Sunnyside, Wash.
Thompson, Helen .............................. Tacoma, Wash.
Whealdon, John Wesley ........................ Spokane, Wash.
Wilson, Nellie Virginia ....................... Tacoma, Wash.
UNIVERSITY OF PUGET SOUND

SCHOOL OF EDUCATION

SENIOR
Flesher, Joyce Nathan ....................................... Tacoma, Wash.
McKinnon, Beth Isabel ....................................... Tacoma, Wash.
Massey, Barbara Heck ....................................... Olympia, Wash.
Munro, Marguerite Elizabeth ............................... Sedro-Woolley, Wash.
Riley, Frank Gilbert ....................................... Tacoma, Wash.
Sherman, Leila ............................................... Tacoma, Wash.
Thomas, Olive ............................................... Tacoma, Wash.
Walker, Anabel ............................................... Puyallup, Wash

JUNIOR
Best, Bessie Blanche ....................................... Tacoma, Wash.
Campbell, John Luther ...................................... Goldendale, Wash.
Ford, Myra Louise .......................................... Tacoma, Wash.
Gibson, Mary Eileen ......................................... Issaquah, Wash.
Kidd, Mamie Cassie ......................................... Puyallup, Wash.
McGrath, Esther Milne ....................................... Nooksack, Wash.
Neff, Chloe Myrtle .......................................... Vega, Wash.
Vent, Helen Lynwood .................................... Sprague, Wash.

SPECIAL
Winkleman, Grace ............................................. Tacoma, Wash.

SCHOOL OF COMMERCE

FRESHMEN
Gale, Rupert Stanley ....................................... Sedro-Woolley, Wash.

ACADEMY

FOURTH
Carlsen, Edna Clara ......................................... Tacoma, Wash.
Milkey, Frederick Julius ..................................... Tacoma, Wash.
CATALOGUE OF STUDENTS

THIRD

Cook, William Allen ............................ Cashmere, Wash.
Mitchell, Plinn Charles ........................ Somers, Mont.
Sutherland, Walter Luther ........................ East Sound, Wash.

SECOND

Bever, Ethel Albertine .......................... Tacoma, Wash.
Gaines, Ray Edgar .............................. Dayton, Wash.
Jones, Merrill Wilton ........................... Brays, Wash.
Lundeen, Alton Alfred .......................... Rochester, Wash.

FIRST

Bailey, Blanche ................................. White Bird, Idaho
Baldwin, Pearl Margaret ....................... Gig Harbor, Wash.
Beckett, Philline Amy ........................... Mabton, Wash.
Brown, Charles Huron ............................ Tacoma Wash.
Collis, Robert Franklin ........................ Cashmere, Wash.
Cruver, May Anna ............................... Gig Harbor, Wash.
Erp, Herman Otto ............................... Gray's River, Wash.
Fischback, Carl Wesley ........................ Ritzville, Wash.
Fuller, Raymond Gilbert ........................ Milton, Wash.
Hareid, Adolph ................................. Mineral, Wash.
Jaskoski, John Michael ........................ Jamestown, N. Dak.
Jones, Ivy Beatrice ............................. Tacoma, Wash.
Nelson, Rudolph ................................. Ferndale, Wash.
Noble, Ethel Blanche ............................ Orting, Wash.
Thrall, Verne Hopkins .......................... Blaine, Wash.
Wise, John H. .................................... Granger, Wash.

SPECIALS

Blauvelt, Charles Peter ........................ Edgewood, Wash.
Blauvelt, William Martin ........................ Edgewood, Wash.
Bugge, Amphipn Andrew .......................... Port Williams, Wash.
Clift, Helen Miller ............................. Tacoma, Wash.
Ewert, John Carl ...........................................Harrison, Idaho
Fritz, Marie ..............................................Mineral, Wash.
Gumm, Ruth Hazel .........................................Kelso, Wash.
Johnson, Willie McArthur .................................Rosedale, Wash.
Johnston, Frances ..........................................Mt. Vernon, Wash.
Jones, Raymond Everett ...................................Tacoma, Wash.
Kenyon, Alfred Worcester .................................Fravel, Wash.
Larson, Hildegard Esther ...................................Tacoma, Wash.
Merrill, Hervey Clayton ....................................Aberdeen, Wash.
Munro, Cornelia Almeda ...................................Sedro-Woolley, Wash.
Murdock, Howard ...........................................Cashmere, Wash.
O'Toole, Kathleen Anna ....................................Tacoma, Wash.
Perry, Belle Viola ...........................................Tacoma, Wash.
Ross, Frances Marion ......................................Tacoma, Wash.
Rothwell, Ernest Victor ...................................Hay, Wash.
Storhow, Andy John .........................................Okanogan, Wash.
Walch, Leonard Lloyd ......................................Spokane, Wash.
Watson, Jack Van De Vanter ...............................Portland, Ore.
Watson, William Wert ......................................Portland, Ore.
Woods, James Richard .....................................Tacoma, Wash.
Zylstra, James D. ...........................................Lynden, Wash.

SCHOOL OF HOME ECONOMICS

JUNIOR
Brown, Bessie Evelyn ......................................Tacoma, Wash.

SOPHOMORES
Arnquist, Josephine ......................................New Richmond, Wis.

FRESHMEN
Arnquist, Inez Josephine ................................New Richmond, Wis.
Bell, Vivian Primrose ......................................North Bend, Wash.
Bonds, Mary Annie ........................................Sumas, Wash.
Keeney, Aleph ...............................................Tacoma, Wash.
CATALOGUE OF STUDENTS

King, Alma Elepha ........................................ Ritzville, Wash.
King, Carrie Martha ...................................... Snohomish, Wash.
Schumacher, Grace Winifred ............................. Marysville, Wash.
Thomas, Harriet June ...................................... Tacoma, Wash.
West, Dorothy Cora ........................................ Sumas, Wash.

SPECIALS

Bouck, Beulah ............................................. Sedro-Woolley, Wash.
Burwell, Estella ........................................... Tacoma, Wash.
Darling, Frances ........................................... Tacoma, Wash.
Huston, Lillian .............................................. Tacoma, Wash.
Little, Helen ................................................ Little Rock, Wash.

SCHOOL OF PUBLIC SPEAKING

SENIOR (Diploma Course)

Cottrell, Clark .............................................. Waitsburg, Wash.

SPECIALS

Bell, Vivian ................................................... Issaquah, Wash.
Calloway, Ruth .............................................. Eatonville, Wash.
Conmey, Mamie ............................................. Sedro-Woolley, Wash.
Cottrell, Clark ............................................. Waitsburg, Wash.
Craig, Laura .................................................. Tacoma, Wash.
Hoffman, Erma .............................................. Tacoma, Wash.
Martin, Mrs. W. G. ......................................... Tacoma, Wash.
Moe, Harriet .................................................. Tacoma, Wash.
Smith, Theodore ............................................ Sedro-Woolley, Wash.
Tuttle, Rush ................................................ Indianapolis, Ind.
Vigus, Samuel Gearld ..................................... Tacoma, Wash.
Walters, Ottie Winifred ................................... Tacoma, Wash.
Wiles, Pauline Mae .......................................... Mt. Vernon, Wash.
Withers, Mrs. Guy .......................................... Tacoma, Wash.
SCHOOL OF MUSIC

PIANO

Beckett, Philline ............................ Mabton, Wash.
Bell, Vivian .................................. North Bend, Wash.
Billmeyer, Thurman .......................... Rio, W. V.
Bonds, Mary ................................. Sumas, Wash.
Bowman, Olive ............................... Tacoma, Wash.
Cutler, Mrs. ................................. Tacoma, Wash.
Gibson, Mary ................................. Issaquah, Wash.
Hadley, Madge ............................... Tacoma, Wash.
Henry, Rachel Lea ........................... Georgetown, Wash.
Hyde, Mrs. .................................... Tacoma, Wash.
Landstrom, Alma ............................ Tacoma, Wash.
Miller, Ethel ................................. North Yakima, Wash.
Montgomery, William ........................ McMinville, Wash.
Reise, Helen ................................. McMillin, Wash.
Ross, Frances ............................... Tacoma, Wash.
Stigers, Grace ............................... Sunnyside, Wash.
Vigus, Miss ................................. Tacoma, Wash.
West, Dorothy ............................... Sumas, Wash.
Williams, Miss .............................. Tacoma, Wash.
Willis, Clarissa ............................. Lenore, Idaho

VOICE

Addington, Charles Clinton .......................... Charlevoix, Mich.
Davis, Ethelyn ................................ Orting, Wash.
Day, Owen Truman ............................ Tacoma, Wash.
Lamphere, Adelaide .......................... Fern Hill, Wash.
Satterthwaite, Dorothea Hope .................. Puyallup, Wash.
Watkins, Mirriel Adrian ........................ Tacoma, Wash.
Williams, Marguerite Gertrude ................. Oroville, Wash.

PIPE ORGAN

Moe, Elsie ................................. Tacoma, Wash.
## VIOLIN

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowers, Frances</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Boardman, Jessie</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Campbell, Hazel</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Davis, Edwin</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Dickson, Prew</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Edwards, Glen</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Failor, Marjory</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Flaskett, Gladys</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Fowler, Amelia</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Gates, Frank</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Goemmer, C. P.</td>
<td>Seattle, Wash.</td>
</tr>
<tr>
<td>Hansen, Arthur</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Hopkins, Walter</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Hunt, John</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Hoffman, Harry</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Iverson, Olga</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Larson, Oscar</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Larson, Einer</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Mahaffy, Andley</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Morgan, Charles</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Morgan, Edward</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Montgomery, William</td>
<td>Mineral, Wash.</td>
</tr>
<tr>
<td>Newton, Fiesta</td>
<td>Steilacoom, Wash.</td>
</tr>
<tr>
<td>Rice, Marion</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Shade, Frances</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Shuett, Gertrude</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Trifler, Marion</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Vogel, Arthur</td>
<td>Puyallup, Wash.</td>
</tr>
<tr>
<td>Wetzel, Teresa</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Wolfe, John</td>
<td>Tacoma, Wash.</td>
</tr>
</tbody>
</table>

## THEORY (MUSIC)

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burkey, C. P.</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Davis, Edwin</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Goemmer, C. P.</td>
<td>Tacoma, Wash.</td>
</tr>
</tbody>
</table>

Hickey, Maurice .............................................. Tacoma, Wash.
Iverson, Olga ................................................. Tacoma, Wash.
Leahy, Edward ............................................... Tacoma, Wash.
Mason, Ruth ................................................... Tacoma, Wash.
Wetzell, Teresa .............................................. Tacoma, Wash.

SCHOOL OF ART
SPECIALS
Baker, Miss ....................................................... Tacoma, Wash.
Bell, Vivian ...................................................... Issaquah, Wash.
De Reamer, Miss ............................................... Tacoma, Wash.
Frey, Vera ....................................................... Tacoma, Wash.
Hallin, Ruth ...................................................... Tacoma, Wash.
Ohlin, Augusta .................................................. Tacoma, Wash.

ACADEMY
FOURTH YEAR
Campion, Alfred Holman ...................................... Tacoma, Wash.
Carlsen, Edna Clara ........................................... Tacoma, Wash.
Harries, Susie ................................................... Renton, Wash.
Hedberg, Victor Julius ........................................ Tacoma, Wash.
Henderson, Paul Russell ........................................ Ashland, Ky.
Janneck, Frank George ........................................ Northport, Wash.
Milkey, Frederick Julius ...................................... Tacoma, Wash.
Miller, Glenn Emmonds ....................................... Tacoma, Wash.
Newhall, Sarah Estella ........................................ Friday Harbor, Wash.
Smith, Arthur Reed ............................................ Tacoma, Wash.
Smith, Donnell Jefferson ...................................... Mukilteo, Wash.
Smith, Stanley Raymond ....................................... Barneston, Wash.
Tisch, Arnold Carl ............................................. Roy, Wash.
Waggoner, Jesse Claude ....................................... Tacoma, Wash.
Waggoner, Lena Janette ....................................... Tacoma, Wash.
Wichman, Frank August ....................................... Red Oak, Ill.
THIRD YEAR (ACADEMY)

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailey, James</td>
<td>Rockford, Ill.</td>
</tr>
<tr>
<td>Blomberg, Florence</td>
<td>Moline, Ill.</td>
</tr>
<tr>
<td>Chapman, Elsie</td>
<td>Morton, Wash.</td>
</tr>
<tr>
<td>Cook, William</td>
<td>Cashmere, Wash.</td>
</tr>
<tr>
<td>Cummings, Maurice</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Durward, Linus</td>
<td>Olympia, Wash.</td>
</tr>
<tr>
<td>Elder, Edna Lucile</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Glenn, David</td>
<td>Milton, Wash.</td>
</tr>
<tr>
<td>Green, Mamie Ada</td>
<td>Everson, Wash.</td>
</tr>
<tr>
<td>Haldi, Robert</td>
<td>Granger, Wash.</td>
</tr>
<tr>
<td>Hampe, Alice Patty</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Juhlin, Harold</td>
<td>Tacoma, Wash.</td>
</tr>
</tbody>
</table>

THIRD YEAR

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long, Winifred Lacuna</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Mitchell, Plinn Charles</td>
<td>Somers, Mont.</td>
</tr>
<tr>
<td>Morris, Effie Minnie</td>
<td>Rainier, Wash.</td>
</tr>
<tr>
<td>Mulford, John Watt</td>
<td>Chehalis, Wash.</td>
</tr>
<tr>
<td>Randolph, Paul William</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Sutherland, Walter</td>
<td>East Sound, Wash.</td>
</tr>
<tr>
<td>Tisch, Alfred Henry</td>
<td>Roy, Wash.</td>
</tr>
<tr>
<td>Woll, Anna</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Zeller, Miriam Irene</td>
<td>Tacoma, Wash.</td>
</tr>
</tbody>
</table>

SECOND YEAR

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addington, Cecil Jay</td>
<td>Charlevoix, Mich.</td>
</tr>
<tr>
<td>Allen, Bertha</td>
<td>Echo, Ore.</td>
</tr>
<tr>
<td>Bever, Ethel Albertine</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Billmeyer, Thurman</td>
<td>Rio, W. Va.</td>
</tr>
<tr>
<td>Burk, Lloyd Lymon</td>
<td>Vancouver, B. C.</td>
</tr>
<tr>
<td>Fredericksen, Clara Edith</td>
<td>Eatonville, Wash.</td>
</tr>
<tr>
<td>Gaines, Ray Edgar</td>
<td>Dayton, Wash.</td>
</tr>
<tr>
<td>Gebert, Edward Harvey</td>
<td>Everett, Wash.</td>
</tr>
<tr>
<td>Graham, Olin Maxwell</td>
<td>Friday Harbor, Wash.</td>
</tr>
</tbody>
</table>
Harader, Percy Quinter ............................. Tacoma, Wash.
Henry, Rachel Les ................................. Georgetown, Wash.
Hostetter, Aaron ................................. Milton, Wash.
Janney, Harry Minor ............................. Long Branch, Wash.
Jones, Merrill Wilton .............................. Brays, Wash.
Lawson, Charles Joseph ............................ Tacoma, Wash.
Lovelady, Pearl Genevieve ......................... Fort Lupton, Col.
Lundeen, Alton Alfred .............................. Rochester, Wash.
Servis, Lester George ............................... Tacoma, Wash.

SECOND YEAR (ACADEMY)
Van Slyke, Edith Tyrol .............................. Trinidad, Wash.
Vernhardsen, Sadie Eleanor ........................ Gig Harbor, Wash.
Webb, Henry Wallace ............................... Seattle, Wash.
Wilton, Edward Joseph .............................. Tacoma, Wash.
Wright, Tolbert Lynn .............................. Tacoma, Wash.
Bailey, Blanche .......................... White Bird, Idaho

FIRST YEAR
Baldwin, Pearl Margaret ............................ Gig Harbor, Wash.
Brown, Charles Huron .............................. Tacoma, Wash.
Collis, Robert Franklin ............................ Cashmere, Wash.
Cotton, Dwight Merrill ............................ Tacoma, Wash.
Crane, Fred Duboise ................................. Harrison, Idaho
Cruver, May Anna ................................. Gig Harbor, Wash.
Erp, Herman Otto ................................. Gray's River, Wash.
Fischback, Carl Wesley ............................ Ritzville, Wash.
Fuller, Raymond Gilbert ........................... Milton, Wash.
Gebert, John Wesley ................................. Everett, Wash.
George, Dolorus Colleen ............................ Tacoma, Wash.
Griffith, Kenneth Edwin ............................ Tacoma, Wash.
Hareid, Adolph Benjamin ............................ Mineral, Wash.
CATALOGUE OF STUDENTS

Higgins, Sarah Louise ........................................ Port Angeles, Wash.
Janney, Frank Floyd ........................................ Long Branch, Wash.
Jaskoski, John Michael ........................................ Jamestown, N. Dak.
Jones, Ivy Beatrice .......................................... Tacoma, Wash.
Keen, Elsie Coddington ..................................... Tacoma, Wash.
McKee, Fred .................................................... Tacoma, Wash.
Nelson, Rudolph ............................................... Ferndale, Wash.
Noble, Ethel Blanche ......................................... Orting, Wash.
Pearson, Ernest Gerhard ..................................... Tacoma, Wash.
Pflaum, George Raymond Roy ............................... Tacoma, Wash.
Reise, Helen Emma ........................................... McMillin, Wash.
Royce, Byron Pounder ....................................... Tacoma, Wash.
Schaper, Edward Andrew ..................................... Tacoma, Wash.
Schultz, Wesley Alexander ................................. McCormick, Wash.
Steffen, Theodore August .................................... Toppenish, Wash.
Stegin, Martin Jacob .......................................... Tacoma, Wash.
Thrall, Verne Hopkins ....................................... Blaine, Wash.
Walters, Ottie Winifred ...................................... South Prairie, Wash.
Watkins, Mirriel Belle ....................................... Tacoma, Wash.
Willis, Clarissa ................................................ Lenore, Idaho
Wise, John H. .................................................... Granger, Wash.
Yoshino, George Toki ......................................... Tacoma, Wash.

SPECIAL

Addington, Charles Clinton .................................. Charlevoix, Mich.
Anderson, Grace Honora .................................... Silverdale, Wash.
Bonds, Joseph Elee, Jr. ...................................... Tacoma, Wash.
Callaway, Ruth .................................................. Eatonville, Wash.
Cottrell, Clark ................................................... Waitsburg, Wash.
Crump, John Kennon .......................................... Tacoma, Wash.
Darling, Frances Sprague ..................................... Tacoma, Wash.
SPECIAL

Green, Tom Robert ................................. Everson, Wash.
Hall, Freeda ........................................ Kalama, Wash.
Hogan, Arthur Herman .............................. Tacoma, Wash.
Jones, Lester ........................................ Chewelah, Wash.
Moore, Helen ....................................... Tacoma, Wash.
Thompson, Frederick Comenga ..................... Tacoma, Wash.
Vigus, Samuel Gerald ............................... Tacoma, Wash.
Williams, Eodine Mirise ......................... Tacoma, Wash.

JUNIOR ACADEMY

Adams, Isabel ...................................... Brooklyn, N. Y.
Addington, Norman Eston ........................ Central Lake, Mich.
Anderson, Agnes Margaret ......................... Tacoma, Wash.
Anderson, Ida .................................... Tacoma, Wash.
Austin, Albert ..................................... Tacoma, Wash.
Carlson, Mabel Olive ............................... Tacoma, Wash.
Case, Merle Nina ................................ Raymond, Wash.
Dickens, Cora ....................................... Tacoma, Wash.
Flaberg, Myrtle Viola ............................... Tacoma, Wash.
Harm, Albert ....................................... Alderton, Wash.
Heaton, Herbert Farnsworth ....................... Tacoma, Wash.
Huston, Lillian ..................................... Tacoma, Wash.
Johnson, Fred Owen ................................. Montesano, Wash.
Jones, Joshua Henton ............................... South Prairie, Wash.
Krona, Emma Urania ................................. Tacoma, Wash.
La Forge, Archie Leon .............................. Vancouver, B. C.
Little, Helen ....................................... Little Rock, Wash.
McCabe, John Mode ................................ Columbia, Mo.
Martz, Henry Douglas .............................. Tacoma, Wash.
Phipps, Laurena Evelyn ............................ Tacoma, Wash.
Thornton, Harry Allen .............................. Tacoma, Wash.
Tuttle, Rush ....................................... Indianapolis, Ind.
<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aaberg, Helena</td>
<td>Parkland, Wash.</td>
</tr>
<tr>
<td>Albright, Ida Elizabeth</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Alexander, Vera May</td>
<td>Yacolt, Wash.</td>
</tr>
<tr>
<td>Antrim, Bertha</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Antrim, Mary Myrtle</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Barker, Charles Albert</td>
<td>Montera, Wash.</td>
</tr>
<tr>
<td>Bean, Vida</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Bentson, Irene Marguerite</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Blake, Gladys Adele</td>
<td>Enumclaw, Wash.</td>
</tr>
<tr>
<td>Boyd, Maude Caroline</td>
<td>Ostrander, Wash.</td>
</tr>
<tr>
<td>Brain, Irene Elizabeth</td>
<td>Thorpe, Wash.</td>
</tr>
<tr>
<td>Bringolf, Ella</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Brix, Anton Henry</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Brix, Mrs. A. H.</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Butler, Olive Mabel</td>
<td>Eatonville, Wash.</td>
</tr>
<tr>
<td>Calhoun, Lillian Marguerite</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Callaway, Lena Pearl</td>
<td>Eatonville, Wash.</td>
</tr>
<tr>
<td>Christensen, Clara Mabel</td>
<td>Parkland, Wash.</td>
</tr>
<tr>
<td>Churches, Ada Evelyn</td>
<td>Everett, Wash.</td>
</tr>
<tr>
<td>Clark, Abigail Campbell</td>
<td>Burton, Wash.</td>
</tr>
<tr>
<td>Coleman, Alice Isabel</td>
<td>Algona, Wash.</td>
</tr>
<tr>
<td>Cook, Florence Anna</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Craig, Lora E.</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Crump, John Kennon</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Curtis, Eleeta May</td>
<td>Gig Harbor, Wash.</td>
</tr>
<tr>
<td>Dobler, Evelyn</td>
<td>Sumner, Wash.</td>
</tr>
<tr>
<td>Doane, Bernice Prudence</td>
<td>Almira, Wash.</td>
</tr>
<tr>
<td>Elder, Roger Emerson</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Erchinger, Olive Margaret</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Evans, Minnie Willeson</td>
<td>Almira, Wash.</td>
</tr>
<tr>
<td>Fjilide, Ida Caroline</td>
<td>Parkland, Wash.</td>
</tr>
<tr>
<td>Foley, Cecilia Agnes</td>
<td>Montello, Wash.</td>
</tr>
<tr>
<td>Fosket, Eunice Allie</td>
<td>Sunnyside, Wash.</td>
</tr>
<tr>
<td>Name</td>
<td>Location</td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Fuerst, Minnie Susie</td>
<td>Sunnyside, Wash.</td>
</tr>
<tr>
<td>Gillespie, Helen Mills</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Graham, Clarissa Ethel</td>
<td>Puyallup, Wash.</td>
</tr>
<tr>
<td>Griffin, Jessie</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Hatch, Esther</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Hathaway, Alta</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Heathman, Jessie Ellen</td>
<td>Almira, Wash</td>
</tr>
<tr>
<td>Hill, Elizabeth</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Hunter, Lu A.</td>
<td>Black Diamond, Wash.</td>
</tr>
<tr>
<td>Hurley, Mae Helen</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Ireland, Mary Bennington</td>
<td>Eatonville, Wash.</td>
</tr>
<tr>
<td>Jacobson, Mary Elizabeth</td>
<td>Eatonville, Wash.</td>
</tr>
<tr>
<td>Jerrman, Esther</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Keith, Isabel Margaret</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Kittleson, Tina</td>
<td>Parkland, Wash.</td>
</tr>
<tr>
<td>Knowles, Henry G.</td>
<td>Oak Point, Wash.</td>
</tr>
<tr>
<td>Landers, Ida Margaret</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Lapsley, Ethel Mae</td>
<td>DuPont, Wash.</td>
</tr>
<tr>
<td>Lewtas, May Elizabeth</td>
<td>Regents Park, Wash.</td>
</tr>
<tr>
<td>Linnet, Katie Patience</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>McDougall, Janette Isabella</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>McLaughlin, Theo Bertha</td>
<td>Port Angeles, Wash.</td>
</tr>
<tr>
<td>McLean, Ila Ione</td>
<td>Orting, Wash.</td>
</tr>
<tr>
<td>Malstrom, Benta</td>
<td>Brush Prairie, Wash.</td>
</tr>
<tr>
<td>Mark, Emma</td>
<td>Hoquiam, Wash.</td>
</tr>
<tr>
<td>Meade, William</td>
<td>Puyallup, Wash.</td>
</tr>
<tr>
<td>Mooney, Una</td>
<td>Montesano, Wash.</td>
</tr>
<tr>
<td>Morrow, Ellen Rose</td>
<td>Almira, Wash.</td>
</tr>
<tr>
<td>Northup, Emma Jane</td>
<td>Almira, Wash.</td>
</tr>
<tr>
<td>Norton, Mrs. Belle</td>
<td>North Yakima, Wash.</td>
</tr>
<tr>
<td>Olsen, Esther Olinda</td>
<td>La Center, Wash.</td>
</tr>
<tr>
<td>Pitts, Ruth Marie</td>
<td>Orting, Wash.</td>
</tr>
<tr>
<td>Rechere, Theresa Cecilia</td>
<td>Vancouver, Wash.</td>
</tr>
<tr>
<td>Rose, Bessie Marie</td>
<td>Mabton, Wash.</td>
</tr>
<tr>
<td>Rose, Elsie Louise</td>
<td>Mabton, Wash.</td>
</tr>
<tr>
<td>Ryan, Elizabeth Bond</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Name</td>
<td>City</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Sandow, Emma Joan</td>
<td>Vancouver, Wash.</td>
</tr>
<tr>
<td>Sangesand, Ella Myrtle</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Schaefer, Madeline</td>
<td>Seattle, Wash.</td>
</tr>
<tr>
<td>Sherman, Leila</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Sisson, Marion Lametta</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Smith, Gus</td>
<td>Tolt, Wash.</td>
</tr>
<tr>
<td>Smith, Mrs. Josephine</td>
<td>Wauna, Wash.</td>
</tr>
<tr>
<td>Storaasli, Isabel</td>
<td>Parkland, Wash.</td>
</tr>
<tr>
<td>Swanson, Lily Alfreda</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Swanson, Mabel Amanda</td>
<td>Eatonville, Wash.</td>
</tr>
<tr>
<td>Thomas, Susie</td>
<td>Vashon, Wash.</td>
</tr>
<tr>
<td>Thompson, Mary Ely</td>
<td>Almira, Wash.</td>
</tr>
<tr>
<td>Van Eaton, Claire</td>
<td>Lehy, Wash.</td>
</tr>
<tr>
<td>Waite, Hazel Olivet</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Webb, Hilda Fay</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>West, Lillian Blanche</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>White, Anna Lavina</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Whitnall, Louise</td>
<td>Puyallup, Wash.</td>
</tr>
<tr>
<td>Whitney, Alice Marie</td>
<td>Tacoma, Wash.</td>
</tr>
<tr>
<td>Williams, Isabel Adelaide</td>
<td>Burton, Wash.</td>
</tr>
<tr>
<td>Wilson, Irma</td>
<td>Almira, Wash.</td>
</tr>
<tr>
<td>Wilson, Lois Anna</td>
<td>Parkland, Wash.</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Academy</td>
<td>142</td>
</tr>
<tr>
<td>Accredited High Schools</td>
<td>24</td>
</tr>
<tr>
<td>Admission Requirements</td>
<td>16-22</td>
</tr>
<tr>
<td>Advanced Standing</td>
<td>23</td>
</tr>
<tr>
<td>Advisers</td>
<td>29</td>
</tr>
<tr>
<td>Agriculture—Course Schedule</td>
<td>50</td>
</tr>
<tr>
<td>Agriculture</td>
<td>73</td>
</tr>
<tr>
<td>Alumni</td>
<td>161</td>
</tr>
<tr>
<td>Alumni Association</td>
<td>8</td>
</tr>
<tr>
<td>Ancient Languages, Department of</td>
<td>51</td>
</tr>
<tr>
<td>Architecture</td>
<td>141</td>
</tr>
<tr>
<td>Art, School of</td>
<td>135</td>
</tr>
<tr>
<td>Astronomy, Department of</td>
<td>60</td>
</tr>
<tr>
<td>Athletics</td>
<td>29</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>74</td>
</tr>
<tr>
<td>Biology, Department of</td>
<td>68</td>
</tr>
<tr>
<td>Board of Trustees</td>
<td>6</td>
</tr>
<tr>
<td>Botany</td>
<td>69</td>
</tr>
<tr>
<td>Bureau of Recommendations</td>
<td>31</td>
</tr>
<tr>
<td>Calendar</td>
<td>4</td>
</tr>
<tr>
<td>Calendar of Events</td>
<td>5</td>
</tr>
<tr>
<td>Chemistry, Department of</td>
<td>63</td>
</tr>
<tr>
<td>Classical Course Schedule</td>
<td>43</td>
</tr>
<tr>
<td>College Annual</td>
<td>30</td>
</tr>
<tr>
<td>College Classification</td>
<td>23</td>
</tr>
<tr>
<td>College Entrance Requirements</td>
<td>16-22</td>
</tr>
<tr>
<td>College of Liberal Arts</td>
<td>15</td>
</tr>
<tr>
<td>College Paper</td>
<td>30</td>
</tr>
<tr>
<td>Commerce, College of</td>
<td>100</td>
</tr>
<tr>
<td>Commerce, College of, Courses</td>
<td>107</td>
</tr>
<tr>
<td>Commerce, College of, Schedule of Studies</td>
<td>103</td>
</tr>
<tr>
<td>Committees of Board of Trustees</td>
<td>7</td>
</tr>
<tr>
<td>Courses of Study—General Statement</td>
<td>28</td>
</tr>
<tr>
<td>Debate and Oratory</td>
<td>52</td>
</tr>
<tr>
<td>Degrees</td>
<td>28</td>
</tr>
<tr>
<td>Dormitories</td>
<td>35</td>
</tr>
<tr>
<td>Economics</td>
<td>81</td>
</tr>
<tr>
<td>Education, School of</td>
<td>92</td>
</tr>
<tr>
<td>Education, School of, Courses</td>
<td>97</td>
</tr>
<tr>
<td>Education, School of, Schedule</td>
<td>95</td>
</tr>
<tr>
<td>Electives</td>
<td>28</td>
</tr>
<tr>
<td>Employment Bureau</td>
<td>30</td>
</tr>
<tr>
<td>Engineering Course, Schedule</td>
<td>50</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>English, Department of</td>
<td>56</td>
</tr>
<tr>
<td>Equipment</td>
<td>27</td>
</tr>
<tr>
<td>Examinations</td>
<td>32</td>
</tr>
<tr>
<td>Faculty</td>
<td>9-14</td>
</tr>
<tr>
<td>Faculty Organization</td>
<td>40</td>
</tr>
<tr>
<td>Fees</td>
<td>37</td>
</tr>
<tr>
<td>Forestry Course, Schedule</td>
<td>50</td>
</tr>
<tr>
<td>French</td>
<td>55</td>
</tr>
<tr>
<td>French Conversation Club</td>
<td>56</td>
</tr>
<tr>
<td>General Information</td>
<td>25-113</td>
</tr>
<tr>
<td>Geology</td>
<td>67</td>
</tr>
<tr>
<td>German</td>
<td>54</td>
</tr>
<tr>
<td>German Conversation Club</td>
<td>55</td>
</tr>
<tr>
<td>Grades</td>
<td>32</td>
</tr>
<tr>
<td>Graduate Work</td>
<td>34</td>
</tr>
<tr>
<td>Greek</td>
<td>51</td>
</tr>
<tr>
<td>History, Department of</td>
<td>74</td>
</tr>
<tr>
<td>Home Economics, School of</td>
<td>116</td>
</tr>
<tr>
<td>Home Economics, Courses</td>
<td>118</td>
</tr>
<tr>
<td>Home Economics, Schedule</td>
<td>117</td>
</tr>
<tr>
<td>Journalism Course, Schedule</td>
<td>50</td>
</tr>
<tr>
<td>Honorable Dismissal</td>
<td>31</td>
</tr>
<tr>
<td>Honors</td>
<td>36</td>
</tr>
<tr>
<td>Hours Required</td>
<td>28</td>
</tr>
<tr>
<td>Junior Academy</td>
<td>144</td>
</tr>
<tr>
<td>Laboratories</td>
<td>27</td>
</tr>
<tr>
<td>Latin</td>
<td>52</td>
</tr>
<tr>
<td>Latin-Scientific Course, Schedule</td>
<td>45</td>
</tr>
<tr>
<td>Law and Political Science, Department of</td>
<td>78</td>
</tr>
<tr>
<td>Library</td>
<td>27</td>
</tr>
<tr>
<td>Literary Societies</td>
<td>30</td>
</tr>
<tr>
<td>Loans</td>
<td>33</td>
</tr>
<tr>
<td>Location</td>
<td>26</td>
</tr>
<tr>
<td>Mathematics, Department of</td>
<td>58</td>
</tr>
<tr>
<td>Medicine Course, Schedule</td>
<td>50</td>
</tr>
<tr>
<td>Modern Language Course, Schedule</td>
<td>48</td>
</tr>
<tr>
<td>Modern Language, Department of</td>
<td>54</td>
</tr>
<tr>
<td>Music, School of</td>
<td>126</td>
</tr>
<tr>
<td>Non-Resident Work</td>
<td>34</td>
</tr>
<tr>
<td>Number of Studies Allowed Student</td>
<td>32</td>
</tr>
<tr>
<td>Number of Students for a Course</td>
<td>36</td>
</tr>
<tr>
<td>Official Visitors</td>
<td>7</td>
</tr>
<tr>
<td>Officers of Alumni Association</td>
<td>8</td>
</tr>
<tr>
<td>Pharmacy Course, Schedule</td>
<td>50</td>
</tr>
<tr>
<td>Philosophy, Department of</td>
<td>87</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Physical Culture</td>
<td>29</td>
</tr>
<tr>
<td>Physics, Department of</td>
<td>61</td>
</tr>
<tr>
<td>Political Science and Law, Department of</td>
<td>78</td>
</tr>
<tr>
<td>Prizes</td>
<td>35</td>
</tr>
<tr>
<td>Professional Courses, Schedules</td>
<td>50</td>
</tr>
<tr>
<td>Psychology, Department of</td>
<td>87</td>
</tr>
<tr>
<td>Public Speaking, School</td>
<td>120</td>
</tr>
<tr>
<td>Register of Students</td>
<td>166</td>
</tr>
<tr>
<td>Regulation for Classification</td>
<td>23</td>
</tr>
<tr>
<td>Religion, Department of</td>
<td>88</td>
</tr>
<tr>
<td>Religious Education, Schedule of</td>
<td>91</td>
</tr>
<tr>
<td>Religious Organizations</td>
<td>30</td>
</tr>
<tr>
<td>Schedule of Studies—Academy</td>
<td>145</td>
</tr>
<tr>
<td>Schedule of Studies—College of Liberal Arts</td>
<td>43</td>
</tr>
<tr>
<td>Scholarships</td>
<td>33</td>
</tr>
<tr>
<td>Scientific Course, Schedule</td>
<td>46</td>
</tr>
<tr>
<td>Sociology, Department of</td>
<td>84</td>
</tr>
<tr>
<td>Special Advantages</td>
<td>114</td>
</tr>
<tr>
<td>Special Standing, Admission to</td>
<td>23</td>
</tr>
<tr>
<td>Summer Normal School</td>
<td>153</td>
</tr>
<tr>
<td>Sunday School Teacher Training</td>
<td>91</td>
</tr>
<tr>
<td>Teachers' Certification</td>
<td>93</td>
</tr>
<tr>
<td>Trustees</td>
<td>6</td>
</tr>
<tr>
<td>Trustees, Meetings of</td>
<td>6</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>37, 106, 134</td>
</tr>
<tr>
<td>Women's University League</td>
<td>8</td>
</tr>
<tr>
<td>Zoology, Department of</td>
<td>71</td>
</tr>
</tbody>
</table>