

*Willamette*

The  
Willamette University  
Bulletin



Catalog Edition  
1919-20



# Willamette University

[FOUNDED 1844]

INCLUDING

COLLEGE OF LIBERAL ARTS  
COLLEGE OF LAW  
SCHOOL OF MUSIC

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ANNUAL CATALOG

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*ANNOUNCEMENTS 1919-1920*

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WILLAMETTE UNIVERSITY BULLETIN

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Vol. XII

MAY, 1919

No. 2

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July 27, 1908, under the Act of July 16, 1894.

# CALENDAR 1919

## SEPTEMBER

S	M	T	W	T	F	S
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7	8	9	10	11	12	13
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28	29	30				

## NOVEMBER

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<sup>23</sup> <sub>30</sub>	24	25	26	27	28	29

## OCTOBER

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# 1920

## JANUARY

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## FEBRUARY

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## JUNE

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## CALENDAR

### 1919

- September 15-17 Registration and Entrance Examinations.  
September 15 2:30 p. m.—Freshman Classifying Examination in English (See note page 40)  
September 18 Instruction begins.  
November 27-28 Thanksgiving Recess.  
December 19 3:30 p. m.—Christmas Vacation begins.

### 1920

- January 6 8:00 a. m.—Instruction resumes.  
January 29-31 Examinations of First Semester.  
January 29-31 Registration Second Semester.  
February 5 Day of Prayer for Colleges.  
February 22 Washington's Birthday Address.  
March 19 Freshman Glee.  
May 7-8 May Festival, beginning May 7, 1:00 p. m.  
May 14 8:00 p. m.—Inter-Society Oratorical Contest.  
May 28 Annual Concert, School of Music.  
May 30 Memorial Day.  
June 11 Examinations of Second Semester begin.

### Commencement Week for College of Liberal Arts

- June 13 Baccalaureate Sermon.  
Farewell Meeting of Christian Associations.  
8:00 p. m.—Sermon to Christian Associations  
June 14 6:30 a. m.—Senior Breakfast.  
8:00 p. m.—President's Reception.  
June 15 Meeting of the Board of Trustees.  
Class Day.  
June 16 10:30 a. m.—Commencement Exercises.  
2:30 p. m.—Alumni Business Meeting.  
6:30 p. m.—Alumni Banquet.

## BOARD OF TRUSTEES

### Officers

B. L. Steeves, President.....	Salem
C. B. Moores, Vice President.....	Portland
I. H. Van Winkle, Secretary.....	Salem
A. N. Bush, Treasurer.....	Salem

### Elected by the Board

	Term Expires
24 C. C. Anderson, 145 East Idaho Street, Boise, Idaho.....	1919
25 E. T. Barnes, Salem.....	1919
13 J. H. Booth, Roseburg.....	1919
2 P. J. Brix, Portland.....	1919
9 W. W. Brown, Fife.....	1919
30 Mrs. A. N. Bush, Salem.....	1919
27 Virgil Peringer, Bellingham, Wn.....	1919
28 George L. Cleaver, La Grande.....	1919
14 E. S. Collins, Portland.....	1919
16 J. W. Day, 874 Kerby Street, Portland.....	1919
29 M. C. Findley, Salem.....	1919
10 A. F. Flegel, 909 Northwestern Bank Bldg., Portland.....	1919
8 T. B. Ford, Salem.....	1919
17 J. L. Hartman, 233 East Sixtieth Street, Portland.....	1919
18 R. J. Hendricks, Salem.....	1919
3 Bishop M. S. Hughes, Portland.....	1919
20 Thomas B. Kay, Salem.....	1919
11 A. A. Lee, Salem.....	1919
21 James Moore, Eugene.....	1919
1 Miss Bertha Moores, Portland.....	1919
26 M. C. Reed, Ashland.....	1919
— H. L. Benson, Salem.....	1919
12 B. L. Steeves, Salem.....	1919
19 H. J. Von Fossen, Ashland.....	1919
23 Paul B. Wallace, Salem.....	1919
6 C. P. Bishop, Salem.....	1919
7 A. M. Smith, Portland.....	1919
5 G. F. Johnson, Portland.....	1920
4 C. B. Moores, 281 East Fifteenth Street North, Portland.....	1920
5 J. O. Goltra, Salem.....	1921
Carl G. Doney, Salem.....	Ex-officio

**Elected by the Alumni**

I. H. Van Winkle, A.B. '98, LL.B. '01, Salem.....	1921
Lloyd T. Reynolds, A.B. '94, R. F. D. No. 9, Salem.....	1919
Burgess F. Ford, A.B. '05, Stayton.....	1920

**Elected by the Oregon Conference**

R. N. Avison, Salem.....	1921
W. W. Youngson, Portland.....	1921
R. A. Booth, Eugene.....	1919
W. S. Gordon, Portland.....	1919
Hiram Gould, Portland.....	1919
J. T. Abbett, Portland.....	1920
E. E. Gilbert, Oregon City.....	1920
D. H. Leech, Eugene.....	1920
Joshua Stansfield, Portland.....	1920
W. H. Odell, Portland.....	Emeritus

**Elected by the Columbia River Conference**

William Shearer, Toppenish, Wash.....	1919
Robert Brumblay, Spokane, Wash.....	1919
J. W. McDougall, Spokane, Wash.....	1920
R. E. Gornall, Pendleton, Oregon.....	1921

**Elected by the Idaho Conference**

F. D. McCully, Joseph.....	1919
C. H. Pakenham, Boise, Idaho.....	1920

**Elected by the Pacific German Conference**

A. J. Weigle, Edwall, Wash.....	1919
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**Elected by the Danish-Norwegian Conference**

C. J. Larsen, Portland.....	1919
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## Committees of the Board of Trustees

Appointed at the semi-annual meeting. Chairman of each committee to have report for the annual meeting.

NOMINATIONS. A. M. Smith, L. T. Reynolds, E. S. Collins, A. A. Lee, Virgil Peringer.

FACULTY. R. A. Booth, B. L. Steeves, Carl G. Doney, Bishop M. S. Hughes, A. M. Smith, C. P. Bishop, A. A. Lee, Joshua Stansfield, M. C. Findley, J. O. Goltra.

FINANCE. B. L. Steeves, G. F. Johnson, Carl G. Doney, P. J. Brix, C. P. Bishop, C. B. Moores, G. L. Cleaver, D. H. Leech, Wm. Shearer.

AUDITING. A. A. Lee, Paul Wallace, C. P. Bishop.

AFFILIATED COLLEGES. Hiram Gould, B. L. Steeves, I. H. Van Winkle, R. A. Booth, C. H. Pakenham, M. C. Findley, M. C. Reed, E. E. Gilbert.

BUILDINGS AND GROUNDS. Mrs. A. N. Bush, C. P. Bishop, R. A. Booth, C. C. Anderson, J. L. Hartman, F. D. McCully, W. W. Brown, T. B. Ford, Miss Bertha Moores.

DEGREES. A. F. Flegel, R. A. Booth, J. T. Abbett, H. L. Benson, Robert Brumblay.

EXECUTIVE. Carl G. Doney, I. H. Van Winkle, A. A. Lee, T. B. Kay, E. T. Barnes, B. L. Steeves.

ATHLETICS. T. B. Kay, B. F. Ford, A. F. Flegel, W. S. Gordon, R. E. Gornall.

RELIGIOUS. J. W. Day, R. N. Avison, James Moore, C. J. Larsen.

LIBRARY. Paul Wallace, B. L. Steeves, J. W. Day, James Moore, James Campbell, E. T. Barnes, Robert Brumblay, J. W. McDougall.

BY-LAWS. A. F. Flegel, A. M. Smith, Carl G. Doney, I. H. Van Winkle, B. L. Steeves.

ENDOWMENT. A. M. Smith, R. A. Booth, C. P. Bishop.

## Alumni Officers, 1918-1919

James T. Matthews, '89, Salem.....	President
Merton De Long, '12, Salem.....	First Vice President
Charles A. Johns, '78, Portland.....	Second Vice-President
P. H. D'Arcy, '95, Salem.....	Third Vice President
Mrs. F. L. Utter, '12, Salem.....	Secretary
Genevieve Avison, '16, Salem.....	Treasurer
Mrs. F. H. Thompson, '10, Salem.....	Executive Member
Helen Pierce, '15, Salem.....	Executive Member
J. O. Goltra, '87, Salem.....	Executive Member
Mrs. J. O. Goltra, '85, Salem.....	Executive Member

## Official Visitors of the State of Oregon to the University

(University Charter, Section 5.)

Hon. Ben W. Olcott.....	Governor of Oregon
Hon. Thomas McBride.....	Chief Justice Supreme Court
Hon. A. S. Bennett.....	Justice Supreme Court
Hon. George H. Burnett.....	Justice Supreme Court
Hon. H. J. Bean.....	Justice Supreme Court
Hon. Henry L. Benson.....	Justice Supreme Court
Hon. Lawrence T. Harris.....	Justice Supreme Court
Hon. Charles A. Johns.....	Justice Supreme Court
Hon. W. T. Vinton.....	President of the Senate
Hon. Seymour Jones.....	Speaker House of Representatives

## Conference Visitors

### OREGON CONFERENCE

G. H. Bennett .....	Albany
C. A. Edwards.....	Ashland

### COLUMBIA RIVER CONFERENCE

N. M. Jones.....	Walla Walla, Wash.
H. T. Greene.....	Lewiston, Ida.

## FACULTY

(The professors are arranged in the order of their election.)

REV. CARL GREGG DONEY, Ph.D., LL.D.

Ohio State University  
Ohio Wesleyan University  
Harvard University

President of the University 1915—

### College of Liberal Arts

GEORGE H. ALDEN, Ph.D.

Carleton College  
Harvard University  
Sometime Fellow in History, University of Chicago  
Sometime Fellow in History, University of Wisconsin

Dean 1914—

Professor of History 1915—

JAMES T. MATTHEWS, A.M.

Willamette University  
University of California

Professor of Mathematics 1893—

FLORIAN VON ESCHEN, Ph.M.

Simpson College  
University of Illinois  
University of Chicago  
Washington University

Professor of Physics and Chemistry 1908—

MORTON E. PECK, A.M.

Cornell College  
Research work in Central America three years

Professor of Biology 1908—

CHARLES L. SHERMAN, Ph.D., Pd.D.

Upper Iowa University  
New York University  
Sometime Fellow in New York University School of Pedagogy

Professor of Social Science and Education 1914-15

Professor of Philosophy and Education 1915—

GUSTAV EBSEN, A.M.

Universities of Berlin, Paris and Madrid  
Denmark State University

Professor of Modern Languages 1915—

WILLIAM E. KIRK, A.M.

University of Nebraska  
Graduate Student, Columbia University

Professor of Ancient Languages 1906-1913; 1915—

R. L. MATHEWS

University of Washington  
University of Notre Dame

Professor of Physical Education 1915—

ERNEST C. RICHARDS, A.M.

Morningside College  
Boston University

Secretary of Education 1916—

\*WILLIAM A. DARDEN, A.M.

University of North Carolina  
Columbia University

Professor of English 1917—

DELLA CROWDER-MILLER

Graduate School of Expression, Boston  
Dixon College  
Indiana University

Twelve years Lyceum and Chautauqua experience in Europe  
and America as Literary Interpreter and Lecturer

Professor of Public Speaking 1917—

FRANK G. FRANKLIN, Ph.D.

Cornell University  
University of Chicago

Professor of Social Science 1918—

HERSCHEL E. HEWITT, A.B.

Grand Island College  
University of Chicago

Professor of Physics 1918—

FRANCES M. RICHARDS, A.M.

Ohio Wesleyan University  
University of Michigan

Dean of Women 1918—

Associate Professor of English 1918—

\*\*ALBERT E. EGGE, Ph.D.

Luther College  
John Hopkins University

Professor of English 1918—

\*On leave United States Army, September 1918 to April 1919.

\*\*Resigned April 1, 1919.

**JOHN R. SITES, Mus.D.**

University of Leipsig  
 Royal Conservatory, Leipsig  
 Royal Opera Singer, Dresden, five years  
 Metropolitan Opera, New York, one year  
 Cincinnati College of Music, fourteen years

Director of the School of Music and Professor of Voice 1918—

**ALICE H. DODD**

Three years research work in Egypt, India, Palestine, Greece  
 and Italy

Instructor in Art History 1915—

.....  
 Professor of Home Economics.

**MRS. ALFRED A. SCHRAMM**

Graduate Pillsbury Academy School of Music  
 Graduate Willamette University School of Music

Instructor in Piano 1917—Jan. 1, 1919.

**LUCILLE BARTON**

Lima Conservatory  
 Syracuse University

Instructor in Piano 1918—

**JESSIE GRANT PECK**

Ellsworth College

Assistant in Biology 1910—

**T. S. ROBERTS**

Piano with Dr. Adam Geibel  
 Organ, etc, with Dr. D. D. Wood

Instructor in Pipe Organ, Wood Wind Instruments  
 and Cornet.

**STUDENT ASSISTANTS**

Robert M. Gatke.....	History
Glenna M. Teeters.....	Chemistry
Lestle Sparks.....	Chemistry
Francis Cramer .....	Chemistry
Elizabeth Briggs.....	Mathematics
Grace Sherwood.....	Mathematics
Vesta Mulligan.....	Biology
Mary Parounagian.....	Latin

**College of Law**

I. H. VAN WINKLE, A.B., LL.B., Dean

Willamette University

Judge of the Moot Court.

WALTER E. KEYES, LL.B.

George Washington University

Instructor in Criminal Law and Criminal Procedure.

Bills and Notes.

ROY F. SHIELDS, LL.B.

Willamette University

Instructor in Evidence and Code.

GEORGE G. BINGHAM, LL.B.

University of Michigan

Instructor in Pleadings and Probate Law.

IVAN G. MARTIN, LL.B.

University of California

Instructor in Contracts and Domestic Relations.

JOHN BAYNE, LL.B.

Willamette University

Instructor in Federal Court Practice and Bankruptcy.

JOHN H. CARSON, LL.B.

Willamette University

Instructor in Partnerships and Corporations.

WM. H. TRINDLE, LL.B.

Drake University

Instructor in Real Property and Constitutional Law.

JAS. G. HELTZEL, LL.B.

Willamette University

Instructor in Torts and Equity.

ELMO S. WHITE, LL.B.

Willamette University

Instructor in Blackstone, Agency and Sales.

## Officers of Administration

CARL G. DONEY, President of the University.

GEORGE H. ALDEN, Dean of the College of Liberal Arts.

I. H. VAN WINKLE, Dean of the College of Law.

FRANCES RICHARDS, Dean of Women.

JOHN R. SITES, Director of the School of Music.

FLORIAN VON ESCHEN, Secretary of the Liberal Arts Faculty.

JAMES LISLE, Curator of the Museum.

R. L. MATHEWS, Director of Physical Education.

W. E. KIRK, Librarian.

EDITH E. BENEDICT, Registrar.

C. C. CLARK, Superintendent of Buildings and Grounds.

## Kimball School of Theology

A CO-OPERATING SCHOOL.

Whilst this institution is entirely independent of Willamette University, having a distinct Board of Trustees and a separate administration, yet it is in close co-operation with the University, offering courses that otherwise would need to be given in the College of Liberal Arts.

### *The Faculty.*

H. J. Talbott, A.M., D.D.

President and Professor of Systematic and Practical Theology.

Edwin Sherwood, A.M., B.D., D.D.

Professor of Biblical Interpretation.

Everett S. Hammond, A.M., S.T.B., Ph.D.

Professor of Historical Theology.

## HISTORICAL

Education, as related to Willamette University, had its beginning in 1834 when Jason Lee established an Indian Mission school in a large log cabin ten miles north of the present site of Salem. In 1839, while on the ship *Lausanne*, off the coast of Oregon, Jason Lee and fifty friends contributed \$650 toward the founding of a school in the new country for white children. In 1842 the Indian Mission school was removed to the present campus of the University where work was conducted in a building that cost \$10,000, located near the site of the gymnasium. During this year the white settlers further planned a school for their children by electing a board of trustees, by securing funds and definitely naming the school the Oregon Institute. While only preparatory courses were at first proposed it was resolved that the school should become a college. In 1844 the trustees of the Oregon Institute bought the property of the Indian Mission school and on August 16 began classes with an enrollment of twenty white students.

This occurred two years before the Oregon question was settled, four years before a Methodist Episcopal Conference was organized on the coast and five years before General Lane, the first territorial governor, proclaimed the government of the United States, at Oregon City.

The Legislative Assembly of the Territory of Oregon, in 1853, provided for the establishment of Willamette University, with the Oregon Institute as a preparatory school. The first class was graduated by the University in 1859. The oldest building on the campus, Waller Hall, was completed in 1866. In 1867 the College of Medicine was formally organized, though instruction had been given for two years previously. This school was united with the Portland Medical College in 1913. The College of Law was established in 1884 and still continues to be a part of the University. Science Hall, the gift of Salem citizens, was erected in 1905 and a year later the building for the Kimball School of Theology was presented by Mrs. H. D. Kimball, the wife of the founder. Mr. W. W. Brown in 1907 gave the Music Hall; and 1908 is marked by

the completion of Eaton Hall, the gift of Hon. A. E. Eaton. Dying, January 15, 1917, Mr. Eaton made the University his residuary legatee and thereby added over \$100,000 to the permanent funds of the institution.

During this relatively long period, the University has sought to preserve the rich traditions and purposes of the founders. It has endured hardships and called for unlimited sacrifices from its faculty and friends, but its record of accomplishment has been a high reward. The campaign for an endowment of \$500,000 was completed in 1913, though all of the subscriptions have not yet become productive. The enlarging field of education makes still larger resources necessary if the University is to maintain the proper place of leadership.

### **A Record of Honor**

Willamette University has been richly honored in the pronounced success and high positions of usefulness attained by the former students. Among the several thousand who studied here and the thousand graduates from the several departments are numbered noted preachers, missionaries, teachers, professors, judges of county courts, of superior courts, of circuit courts, of the United States district courts, editors, authors, explorers, municipal officers, physicians, United States senators and representatives, governors, United States attorneys, consuls, secretaries of state, United States surveyors general, presidents of state senate, speakers of the house of representatives and scores of other prominent and successful citizens. The long list is a remarkable testimony to the efficiency of Willamette; and the formative influence of its former students upon the character of the Northwest is beyond measure.

### **Location**

Willamette University is located upon an eighteen acre campus in the heart of Salem, the capital city of Oregon. It is on the main line of the Southern Pacific railroad and on the Oregon Electric, fifty miles south of Portland. From Salem also radiate several shorter lines of steam and electric railways, making the city easy of access. Salem contains a population of about 18,000, is rich in historical associations,

filled with beautiful homes, well-kept lawns and parks. The high standard of its schools, the large number of churches of various denominations and the several libraries contribute to form a citizenship of intelligence and morality. The city has all modern conveniences and necessities; such as improved streets, cement pavements, shade trees, electric lights, sewers and water system. As an evidence of its healthfulness, there have been no known cases of typhoid for some time. Because of the educational and religious advantages and because Salem is a beautiful, healthful and inexpensive place to live many families have made it their home.

The resident officials of state and county, the higher courts, the legislature, the public libraries, the various state institutions, the eminent visiting lecturers and musicians combine to afford students many unusual privileges. One cannot easily imagine a better location for an institution of higher learning.

The University buildings are immediately across the street from the beautiful park in which are the Capitol, Supreme Court building, the city postoffice and the county court house. The location offers accessible opportunities and contributes not a little to the atmosphere of education.

### **Buildings**

**EATON Hall.** This fine building, the gift of Hon. A. E. Eaton, of Union, Oregon, was erected in 1908 at a cost of \$50,000. It is constructed of red pressed brick and gray stone and finished in Oregon fir. It is used for the offices of administration, the woman's waiting room, the library, reading room, museum and class rooms. The building is electrically lighted and is thoroly modern.

**WALLER HALL.** Waller Hall was dedicated in 1865 and is named for Rev. Alvin Waller, one of the devoted and sacrificing friends of the University. It is a brick structure containing the chapel, chemical laboratories, literary society halls, and several class rooms. The top floor is used as a men's dormitory, accommodating about twenty persons; and the ground floor serves for a student co-operative boarding club and class room for drawing.

**SCIENCE HALL.** This was erected in 1905 thru the efforts of the physicians and was the home of the Medical

College until its removal to Portland. It is a substantial three-story building of brick and stone, providing laboratories and class rooms, and lecture rooms for the College of Law.

**MUSIC HALL.** In 1907 this building was given to the University by Mr. W. W. Brown, of Fife, Oregon. It is well arranged for its purposes and thus far has met the needs of the Department of Music.

**LAUSANNE HALL.** This building is used as a dormitory for young women and affords accommodations for thirty-five. It is comfortably furnished and provides a congenial home for non-resident women students. It is quite inadequate for all who desire dormitory privileges; and it is hoped that the urgent need of the University, in this respect, will lead benefactors to make provisions for a new and larger building.

**GYMNASIUM.** This commodious building was erected in 1898. It contains shower baths and dressing rooms for both sexes, lockers, a large room fifty by seventy feet for indoor games and class exercises. A limited amount of apparatus is provided and the building is well adapted to physical training and general athletics.

**GRANDSTAND AND ATHLETIC FIELD.** Immediately contiguous to the Gymnasium is the athletic field with a grand stand, a quarter mile cinder track, baseball diamond and football gridiron. The field is well fenced, has a good soil and is one of the best to be found. Upon the campus nearby are two cement tennis courts and others of earth.

### **Equipment**

**LIBRARIES.** About 140,000 volumes are freely available to students in the following libraries: University library of 11,000 volumes, the library of the Kimball School of Theology, 4000; the State library, 90,000; and the Supreme Court library, 25,000. The new city Carnegie library, adjacent to the campus on the west, contains about 13,000 volumes. Under the usual regulations students may take books from any of these libraries. The University library is open on school days and every facility is afforded to make it serve the students. It welcomes contributions of books and manuscripts. It has already received noteworthy collections and its shelves will accommodate others. Several hundred volumes have been

added during the year, and about seventy of the best periodicals are regularly received for the reading room.

**BIOLOGICAL LABORATORY.** This laboratory occupies the top floor of Science Hall which is supplied with gas, electricity, good tables and sinks, dissecting microscopes, microtome, and other apparatus ordinarily used in microscopic and histological work. It has a large collection of marine and land plants and animal organisms, and is supplied with specimens for dissection and study by the students. The herbarium contains over 10,000 classified and accessible specimens.

**CHEMICAL LABORATORY.** An entire floor in Waller Hall is given to this department and the equipment is adequate for all the work of college grade usually offered. The laboratory is arranged with private desks and lockers, reagents and apparatus, burners, water, etc., for each student. The stock rooms are amply supplied; and there are also high-grade balances for accurate quantitative analysis. The equipment is such that students are able to secure a broad and careful preparation in this science. An assay room with a good equipment offers a thorough course in assaying.

**GEOLOGICAL LABORATORY.** Two rooms in Waller Hall are devoted to geology. The department has a collection of fossils, rocks and minerals of over three thousand specimens. The adjacent chemical laboratory and the assay room permit the student to do general work in the science.

**PHYSICAL LABORATORY.** This department uses the basement floor in Science Hall and is properly equipped to offer two years work. In addition to the ordinary apparatus in electricity, the laboratory has complete X-ray instruments as well as those for wireless telegraphy, for the accurate quantitative measurement in electricity, mechanics, light, sound, and heat. The University has a very excellent balopticon, used by the several departments of science.

**MUSEUM.** The Museum occupies a large room in Eaton Hall and contains several thousand articles of interest and instruction.

There are collections of birds and animals, a large number of Indian relics, historical documents, minerals, woods, shells, and plant specimens. The Curator invites donations, and

correspondence with persons who have anything which should be in a museum.

**MATHEMATICS.** The department of Surveying is well equipped. Besides sextants, a fair two-inch telescope, a black-board globe, and surveyor's compass, there are the following high-grade instruments: a Y-level, a transit with a solar attachment, a telescopic alidade with plane table, a hand level, with rods, pins, tapes and poles. The equipment is fully equal to the requirements for a full two-years course in Surveying.

## THE COLLEGE OF LIBERAL ARTS

The completion of 120 semester hours and an equal number of "quality" hours exclusive of the required physical training, leads to the degree of Bachelor of Arts. A semester hour is one recitation period a week for one semester. "Quality" hour is explained elsewhere.

**ADMISSION.** Candidates for admission must furnish satisfactory evidence of good character; and when coming from other colleges, they must present certificates of honorable dismissal. They must also bring a certificate from the school in which they have prepared which should state: 1. The name of the school. 2. The studies pursued. 3. The text books used. 4. The number of weeks and number of recitations per week devoted to each subject. 5. The length in minutes of the recitation period. 6. The grade in each study. 7. The name of the teacher under whom the work was done. The University will be pleased to have candidates use the blank forms which are sent gratuitously upon application to the Registrar. These should be filed with the Registrar before the opening of the school year.

Candidates who are unable to present such certificates, or who desire advanced standing, should report to the Registrar in writing by September 1 and arrangements will be made for special examinations on the opening day of the semester. No student will be matriculated for non-resident work.

**ENTRANCE REQUIREMENTS.** The requirement for admission to the College of Liberal Arts is fifteen units. A *unit is defined as a course of study which has been pursued for at least thirty-six weeks with not less than four recitation periods of forty-five minutes or more, each week.* A student may be admitted as a "conditioned" Freshman who presents not less than thirteen and one-half units. All entrance deficiencies must be made up the first year and before the student will be given more than Freshman rank.

The following is the list of the required entrance subjects:

	Units.
English .....	3
Mathematics .....	2
Science .....	1
History and Civics .....	1
Foreign Language .....	2
Elective .....	6

The six elective units may be chosen from the following subjects:

	Units.
English (in addition to the required units).....	1
Mathematics (in addition to the required units)....	1½
Science (in addition to the required units).....	3
History and Civics (in addition to the required units) .....	3
Foreign Language (in addition to the required units) .....	4

High school subjects not mentioned above may be accepted if approved by the Committee on Standing, but not more than three units shall be of such subjects usually called vocational. Under vocational subjects are included Commercial Subjects, Domestic Science, Manual Training, Mechanical Drawing, and Teachers Training.

Two years of preparatory Latin are required of those who major in the Letters group. This should be followed by two years of Latin or Greek in the College of Liberal Arts. Students who major in a modern foreign language need not follow the latter suggestion.

**ADVANCED STANDING.** Advanced standing may be secured by presenting certificates of work done in advance of the entrance requirements, or by examination.

**SPECIAL STUDENTS.** Under exceptional circumstances, persons who are not candidates for a degree will be admitted to pursue selected studies. Each case will be decided on its own merits; and every such person must satisfy the Faculty that he is prepared to do, with profit to himself, the work proposed. Students of this class cannot change their relation to that of candidates for the degree except by examination upon pre-supposed work, including the entrance requirements.

**GRADUATE WORK.** Graduate instruction leading to the Master's Degree, is offered in a limited number of departments under the following conditions:

1. Candidates must have received the Bachelor's Degree from this University or one of equal rank.
2. Graduate work is divided between a major of twelve year hours and a minor of four year hours or a major of eight hours and two minors of four hours each.
3. Candidates must pursue in residence a course of study outlined by the head of the department in which the major is taken, and approved by the Faculty.
4. Candidates must select a subject for a thesis approved by the head of the same department not later than November 1st of the year in which they present themselves for the degree.
5. Candidates must submit an acceptable thesis to the professor under whom the work is done not later than April 1st. The thesis must be approved by the Committee on Graduate work.
6. After acceptance a typewritten copy of the thesis must be presented to the University Library.

**THE GROUP SYSTEM.** The departments of study are arranged in the following groups, any one of which leads to the degree of Bachelor of Arts:

I.	II.	III.
<b>Letters.</b>	<b>Social Science.</b>	<b>Natural Science.</b>
English	Art History	Astronomy
French	Bible	Biology
German	College Life	Chemistry
Greek	Economics	Geology
Latin	Education	Mathematics
Public Speaking	History	Physics
Spanish	Home Life	
	Political Science	
	Religion	
	Sociology	

The following are the requirements for graduation from the College of Liberal Arts:

1. All Freshmen are required to take English 1 A and 2 A, 1 B and 2 B, or 1 C and 2 C; Bible 1 and 2; College Life 1; and Physical Education thruout the year. They must complete, so far as possible, all entrance deficiencies.
2. All Sophomores who have not had Psychology 1 and 2 in the Freshman year, are required to take these courses this

year; four hours of English; and Physical Education thruout the year.

3. Two years of College credit in one foreign language. This may be counted in requirements 5 and 6 to satisfy the requirements in the Letters group.

4. Additional hours in the group of one's choice to make fifty hours, including a major in one department of eighteen to twenty-four hours.

5. Additional hours in each of the other two groups to make twenty-five hours.

6. Sufficient free electives to make a total of at least one hundred and twenty semester hours, exclusive of Physical Education.

7. All credits allowed from Law, Medicine, Theology, Music, Normal School, Training School or other sources, not including secondary schools, and not strictly from a school of Liberal Arts, shall be assigned to the various groups in the ratio of 50 per cent to the major group and 25 per cent each to the other two groups, unless any department wishes to accept a higher ratio; but in no case shall the student have less than thirty hours in his major and fifteen hours each in the other groups of work strictly belonging to that group.

About half one's hours should be taken in the group of his choice and about one-fourth in each of the other groups. The normal work of a semester is fifteen or sixteen hours, in addition to Physical Education. A student is to select his studies with the advice and consent of the head of the department in which his major is taken.

The choice of a major subject secures concentration and continuity in a field of specialization, while the selection of further subjects in the same group, making a total of fifty hours, affords familiarity with work contributory to the major. The choice of twenty-five hours in each of the other groups provides an acquaintance with the main divisions of modern study and culture.

**QUALITY HOURS.** For the purpose of encouraging and properly recognizing scholarship, the faculty has adopted the following provisions:

Students shall be required to earn 120 quality hours for graduation, as well as 120 semester hours. Quality hours shall be earned in proportion to grades, as follows:

A grade of P will earn 0 quality hours for each semester hr.

A grade of P+ will earn 0 quality hours for each semester hr.

A grade of S will earn 1 quality hour for each semester hr.

A grade of S+ will earn 2 quality hours for each semester hr.

A grade of E will earn 3 quality hours for each semester hr.

A grade of E+ will earn 3 quality hours for each semester hr.

Quality hours in excess of 120 will count as semester hours in the proportion of 5 quality hours to 1 semester hour, up to a maximum of 20 semester hours. Semester hours thus earned must not interfere with group requirements.

In case there is a deficiency of quality hours, semester hours may be substituted for them at the rate of 1 semester hour for 5 quality hours. No transfer of quality hours to semester hours or semester hours to quality hours shall be made before the senior year.

The President and Dean shall, from time to time, compare the grades reported by the various professors and instructors and see that a uniform scale of marking is maintained.

These provisions shall be in effect for all students matriculating after June 1919 and they may be elected by any who have matriculated previously.

**PURPOSE OF COURSES.** It is a general criticism that the College of Liberal Arts has no clearly defined aim. The wide variety of subjects accepted as entrance requirements, the broad and unorganized curriculum and the elective system made it difficult to indicate a definite purpose. However, a college without a well-recognized object causes the student to become uncertain, to lose his appreciation of scholarship and to miss the attainment of a disciplined mind.

There is a field for a real college of liberal arts, as there is for the schools of professional and technical training. There are young men and young women who believe that there is a demand for character and intelligence, for the power to think and to work in harmony with others, for the ability to lead in industry and politics and in the art of living. They wish a course in liberal arts for its discipline, its enrichment of life,

its aid in revealing their vocation and as a precedent to technical or professional training.

Willamette University has the definite purpose of giving instruction under conditions which will lead to intelligence and character, will develop personal ideals and the love of knowledge and enable the student to discover what he is fitted to do. To attain this object, the curriculum presents subjects which have an approved value in the courses where they are required or recommended. Some subjects should be pursued by all students ;such as English, foreign languages, mathematics, natural sciences, history and philosophy. They are the fundamentals of any education, whatever one's life-work may be. Usually they are begun in the high school and they should be continued in the college until proficiency is attained.

It is also recognized that there is a combination of subjects possible which will afford the student a liberal education and at the same time advance him in his professional preparation. An outline of several courses is presented, each having a certain purpose in view. They are not intended to abolish the elective system as it is used under the group method and students are still free to arrange their work according to it if they wish, but the outlined courses are recommended as combinations of those subjects which are best suited for the objects indicated.

**THE LETTERS COURSE.** This course is intended for students who desire to specialize in the languages, who wish the culture of a wide variety of approved subjects or who wish to teach.

**THE SOCIAL SCIENCE COURSE.** Students who are interested in public questions or who plan to engage in social service will find this course suitable.

**THE SCIENCE COURSE.** This course is adapted for those who expect to teach science or mathematics or to engage in technical pursuits.

**Freshman Year**

**Letters Course.**  
 English  
 Bible History  
 Foreign Language  
 Public Speaking  
 History  
 Natural Science

**Social Science Course.**  
 English  
 Bible History  
 Foreign Language  
 History  
 Natural Science  
 Elective

**Science Course.**  
 English  
 Bible History  
 Foreign Language  
 Mathematics  
 Natural Science

**Sophomore Year**

English  
 Foreign Language  
 Psychology  
 Natural Science  
 Elective

English  
 Foreign Language  
 Psychology  
 History  
 Elective

English  
 English  
 Foreign Language  
 Psychology  
 Natural Science  
 Elective

**Junior Year**

Ethics  
 Sociology & Econ.  
 History  
 English  
 Foreign Language  
 Elective

Ethics  
 Sociology & Econ.  
 History  
 English  
 Elective

Ethics  
 Sociology & Econ.  
 History  
 Natural Science  
 Elective

**Senior Year**

English  
 Foreign Language  
 Philosophy  
 Elective

Philosophy  
 Economics  
 Elective

Natural Science  
 Elective

**THE PRE-PROFESSIONAL COURSES.** The following courses are outlined for the guidance of students who wish to combine a training in liberal arts with something of definite professional preparation. It is to be understood that they are courses not equal in *purely technical* value to the courses offered in technical schools: they are combination courses which include subjects in the liberal arts in conjunction with those of a special character. The completion of any of these courses will provide the student with a good and secure general education which will save him from narrowness and, at the same time, afford him a foundation for advanced special work. It will also enable him to complete a graduate professional course in one or two years less time.

**Freshman Year**

<b>Pre-Law.</b>	<b>Pre-Journalism.</b>	<b>Pre-Engineering</b>	<b>Pre-Chemical Engineering</b>	<b>Pre-Medical</b>
English	English	English	English	English
Bible Hist'y	Bible Hist'y	Bible Hist'y	Bible Hist'y	Bible Hist'y
Latin	For'n Lang.	Mod. Lang.	Mod. Lang.	Mod. Lang.
Chemistry	Nat. Science	Chemistry	Chemistry	Chemistry
Pub. Sp'king	Pub. Sp'king	Mathematics	Mathematics	Mathematics
History	History	Drawing	Drawing	Biology

## Sophomore Year

Pre-Law	Pre-Journalism.	Pre-Engineering	Pre-Chemical Engineering	Pre-Medical
English Latin Psychology Eng. Hist'y Elective	English For'n Lang. Psychology Newswrit'g History Elective	English Mod. Lang. Psychology Physics Mathematics Drawing	English Mod. Lang. Psychology Physics Qual. Analy. Elective	English Mod. Lang. Psychology Zoology Qual. Analy.

## Junior Year

Ethics Soc. & Econ. History Argument. Elective	Ethics Soc. & Econ. History Short Story For'n Lang. Elective	Ethics Soc. & Econ. History Mathematics Surveying Physics Elective	Ethics Soc. & Econ. Org. Chem. Geology Elective	Ethics Soc. & Econ. Physiology Org. Chem. Elective
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## Senior Year

Inter. Law Philosophy Elective	English For'n Lang. Elective	Mathematics Drawing Chemistry Elective	Ind. Chem. San. & Food Mineralogy Econ. Geol. Elective	Chem. 6 hr. Elective
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The Freshman and Sophomore years in the Pre-Engineering courses include the work of the first two years given in the best technical colleges.

**STANDARDIZATION.** The College of Liberal Arts is approved as a standard college by the United States Bureau of Education and the University Senate of the Methodist Episcopal Church. It meets the requirements for certificates for teaching in four-year high schools adopted by the conference of the Chief State School Officers of the North Central and West Central States, at Salt Lake City, November 17, 18, 19, 1910, namely, "Any diploma from a standard college or university granted upon the completion of a 120-semester-hour course including fifteen hours in education shall be recognized." It also meets the requirements for certification in Oregon, Washington and Idaho.

**KIMBALL SCHOOL OF THEOLOGY.** This is a co-operating school pleasantly located upon the Willamette campus. Students of Kimball School may take five hours work in the College of Liberal Arts of the University with no charge other than the registration fee; and students of the University

have a like courtesy extended to them by Kimball School. The libraries and lectures of both institutions are freely open to all students.

### Registration

Each student has a member of the faculty assigned to him as his Adviser. Students are free to consult their Adviser at all times but they must consult them concerning their work at the opening of each semester. Registration for the first semester and consultation with the Advisers must be on Monday, Tuesday or Wednesday preceding the opening day. Instruction begins on Thursday morning. Students may be admitted to classes only after presentation of class cards properly signed by their advisers and the instructors. A failure to register on one of the appointed registration days will subject the delinquent to a payment of a special registration fee of \$2.00, except in the case of a new student.

### Examinations

Examinations are held by the various instructors at the close of each semester and at such other times as they desire. For a special examination a fee of \$2.00 shall be charged and each additional examination during the same semester shall be \$1.00. No special examination shall be given until after the instructor shall have received a receipt signed by the Registrar, or a faculty certificate of excuse. All such fees shall go to the Library Fund.

### Standing

The standing of a student is determined by the instructor who computes it from the work during the semester and the examination. The members of a class are, in general, ranked in four groups. The first group includes those whose standing is excellent, marked "E" or "E+," and should not number more than ten per cent of the class. The second group includes those whose standing is satisfactory, marked "S" or "S+," and should not number more than fifty per cent of the class. The third group includes those whose standing is passing, marked "P" or "P+." The fourth group includes

those whose standing is below passing, marked "F." A student who fails to pass may be marked by the instructor as "Conditioned," and become subject to the following rules for the removal of the "Condition."

1. A conditioned student must confer with his instructor the opening week of the semester following that in which he incurred the condition and make all arrangements for taking a special examination covering the conditioned work.

2. A condition must be removed during the semester succeeding that in which it was made, otherwise it becomes a failure.

3. A student conditioned in a continuous study may be admitted to the class until he takes the examination for the removal of the condition. Should he fail in that examination, he cannot continue the course.

4. Examinations for the removal of conditions are subject to the fees of other special examinations.

5. No examination for the removal of a condition can result in a higher grade than "P."

### **Class Standing**

Students will be classified as Freshmen until they have removed all entrance conditions and secured at least 24 hours of college credit; those having 25, but less than 56 hours are known as Sophomores; those having 57, but less than 88 hours are known as Juniors, and those having more than 88 hours are known as Seniors.

### **Class Attendance**

Regular attendance at all college work is required; absence is excused only for the most urgent reasons. Unexcused absences amounting to one-eighteenth of his class or lecture appointments reduce the student to the credit group immediately below the one to which he would otherwise be entitled. Absences amounting to two-eighteenths of his appointments in any subject dismiss the student from the course, and he may be readmitted only with the consent of the instructor and upon passing an examination in that portion of the work gone over up to the time of his dismissal.

No student may drop a course without the permission of the instructor and of the Dean.

No student may change his course of study later than ten days after the opening of the semester.

### **Time Necessary for Graduation**

The length of time necessary for graduation varies according to the credits presented for advanced standing, the number of hours completed each semester and the quality of work done in each course. The usual length of time for the student presenting only the required number of units for admission and taking the normal number of hours, fifteen or sixteen, each semester, and doing work of average quality, is four years. Students of exceptional ability, making eighteen or twenty hours each semester, may graduate in three years, while others may choose to take five years for special reasons, making only about twelve hours each semester.

A student who has received "Excellent" in three-fifths of his hours and has failed in none during a semester may register for eighteen hours the following semester.

A student who has received "Excellent" in four-fifths of his hours and has failed in none during a semester may register for twenty hours the following semester.

### **The Teachers' Bureau**

This Bureau affords special advantages to students thru the registration of their collegiate records and the use of the same in recommendation of candidates for vacancies. It is the aim of the Bureau so to place its candidates that school authorities will appreciate the assistance sufficiently to turn to it with confidence when in need of teachers. This service is free to all students and alumni of the University.

### **Oregon School Law**

#### **AS TO CERTIFICATION ON GRADUATION.**

"Certificates shall be issued to graduates from standard colleges or universities who have completed one hundred and twenty-four semester hours, including fifteen semester hours in education as follows:

"1. One-year state certificates shall be issued, without examination, upon application, to such graduates of standard colleges and universities, authorizing them to teach only in the high schools of this state.

"2. The holder of a one-year state certificate issued in accordance with the provisions of this section shall after six months successful teaching experience in this state and upon the recommendation of the county superintendent of the county in which the applicant last taught receive, without examination, a five-year state certificate authorizing him to teach only in the high schools of this state.

"3. The holder of a five-year state certificate issued in accordance with the provisions of this section shall, after thirty months' successful teaching experience in this state and upon the recommendation of the county superintendent of the county in which the applicant last taught, receive, without examination, a state life certificate authorizing him to teach only in the high schools of this state.

"4. The holder of a one-year state certificate, or a five-year state certificate, or a life state certificate, secured in accordance with the provisions of this section is hereby authorized to act as a city superintendent of schools in any city."

#### AS TO RENEWAL OF FIVE-YEAR STATE CERTIFICATE ISSUED ON EXAMINATION.

A five year state certificate may be renewed when the holder thereof has attended an institution of higher education for thirty-two consecutive weeks within six years from the date of issue of such certificate and when satisfactory work has been done in such institution in at least four subjects, one of which shall be education, which work shall be certified to by the president of such institution; provided, that any five-year state certificates, so renewed, may be again renewed in the same manner as the original certificate was renewed.

### Fees

Semester Bill, for 12 to 17 hours of College work.....	\$30.00
Semester Bill, for less than 12 and over 17 hours, per hour .....	2.75

Semester Bill, College of Law .....	30.00
Semester Bill, School of Music, according to subjects, see page 70.	
Student Body Fee, for all students in all departments taking five hours or more. (Used by the students for student activities) .....	2.50
Laboratory Fees, per Semester:	
Biology, except Ornithology.....	3.00
Ornithology .....	1.00
Chemistry 1, 2, 11, and 12.....	3.00
Chemistry, all other laboratory courses.....	5.00
Physics 1, 2, 3, 4, 6, and 7.....	3.00
Mineralogy .....	2.00
Surveying .....	1.00
Home Economics 3, 4, and 5.....	2.00
Breakage deposit in Chemistry, a year.....	5.00

Students in the College of Law and in the Kimball School of Theology will be enrolled in the College of Liberal Arts and be permitted to take five hours of work without charge upon paying a registration fee of \$2.00 each semester and the Student Body fee. The diploma fee is \$5.00. A transcript of the work completed at the University will be furnished by the Registrar for \$1.00.

**REFUND OF BILLS AND FEES.** The Student Body fee will in no case be refunded. Semester bills will be refunded when a student, during the first half of a semester, is obliged to leave the University on account of his own illness. In this case the student will pay for the time in actual attendance at the rate of six per cent of his total Semester Bill for each week.

**SCHOLARSHIPS.** A scholarship is worth \$20 per semester and may be applied toward the Semester Bill in the College of Liberal Arts.

**DISCOUNTS.** Ministers of any church, children of ministers who are dependent on their parents for support, and students who present evidence from their licensing church body that they are preparing for the ministry are allowed a reduction of 50 per cent in the Semester Bill in the College of Liberal Arts.

## Schedule of Classes and Hours

7:45 to 8:45	8:45 to 9:45	9:45 to 10:45	10:45 to 11:45	1:15 to 2:15	2:15 to 3:15	3:15 to 5:1
Eng. Lit. MWF	Eng. Novel TTh	Am. Lit. TTh	Adv. Comp. TTh	Argumentation TTh	Anglo-Sax. MWF	Eng. Meth. Th
Newswrit'g TTh	Romanti'sm MWF	Shaksp're MWF	Chaucer MWF	3 Spanish TTh	Contem. Lit. TTh	Home Life M
1 German M 1 French TWThF	Composit'n MTThF	Composit'n TTh	Short Story TTh	1 Spanish MWF	1 German MWF	Bibl. His. Th
Med. Hist. MWF	Versific'n W	Composit'n MWF	2 French MWF	Ec. His. U.S. MWF	N. T. Greek TTh	Gen. Phys. TTh
Col. Hist. TTh	Col. Life W	2 Spanish MWF	3 French TTh	Cicero deS MWF	Church His. MWF	Hist. Mus. TTh
Sociology MWF	3 Spanish W	Art Hist'y TTh	His. So. Cy. TTh	2 Greek TTh	Mechanics MWF	Min'l'gy To be name
Rural Soc. TTh	1 French MTThF	Med. Hist. MWF	Beg. Physics TTh	Debate TTh	Beg. Physics TTh	Quan. Anal. T
Trigonom. TWThF	Eng. Hist. MTThF	Old Oreg. TTh	Horace MWF	Oratory MW	Bible Int. F	Gen. Physics Gen. Biol. M or W
Biology TTh	Money & B. TTh	Int. Pol. Sci. TTh	Rap. R. Lat. TTh	3d Term Al. MWF	Beg. Physics TTh	Adv. Phy'gy F
Inv. Zool. W	Princ. Econ. MWF	Vergil MWF	Mind B & V MWF	Beg. Physics TTh	Gen. Physics Gen. Biol. M or W	Inv. Zool. MW
Vert. Zool. F	Phil. Relig. T	Cic. Orat'n TTh	Platform TTh	Gen. Physics Gen. Biol. M or W	Inv. Zool. MW	Vert. Zool. TTh
	Hist. Educa. MWF	Mind B & V MWF	Int. Philos. MWF	Adv. Phy'gy F	Inv. Zool. MW	Plant Morph TTh
	Sec. Educa. Th	Dram. Inter. TTh	Princ. Edu. TTh	Inv. Zool. MW	Vert. Zool. TTh	Org. Chem M
	1 Greek MTThF	Calculus MWF	Col. Algeb. MWF	Vert. Zool. TTh	Plant Morph TTh	Assaying MW
	2 Greek W	Heat & Ther MWF	Adv. Phys'l TTh	Plant Morph TTh	Org. Chem. M	1A Chem T or Th
	Trigonom. MTThF	Drawing WF	Plant Morph M	Assaying MW	Assaying MW	1B Chem. TTh
	Drawing Qual. Anal. W	Org. Evolu. M	Biol. Meth. W	1A Chem. T or Th	1A Chem. T or Th	Qual. Anal. WF
	Geology TThF	El. Physiol. TTh	1B Chem. MWF	1B Chem. TTh	1B Chem. TTh	Qual. Anal. WF
	O. T. Hist. WF	Org. Chem. MWF	1A Chem. TTh	Qual. Anal. WF	Qual. Anal. WF	1 Harmony MTh
	Relig. Ped. TTh	Psychology TTh	Pb. S. Mus. MTh	Quan. Anal. WF	Quan. Anal. WF	2 Harmony Sight Sing. TF
		Phil. Tend. MWF		First Aid T	Meth. in Ex. TTh	
		3 Harmony MTh				
		O. Test. Int. WF				

Hours will be designated for courses not here named. Capital letters following the courses above indicate the days of class exercises.

## DESCRIPTION OF COURSES

### Art History

1. ARCHAIC AND TRANSITIONAL PERIODS. *Two hours a week, first semester.* Purpose and beauty of art; architecture, sculpture and painting.

2. GREAT AGE AND HELLENISTIC PERIOD. *Two hours a week, second semester.*

### Astronomy

1. GENERAL ASTRONOMY. *Two hours a week, first semester.* Historical and descriptive. Adapted to the needs of students with no previous knowledge of the subject. (Offered in 1920-21.)

2. SPHERICAL AND PRACTICAL ASTRONOMY. *Two hours a week, second semester.* A more mathematical treatment. Prerequisites, Trigonometry and Elementary Physics. (Offered in 1920-21.)

### Bible History

1. THE OLD TESTAMENT. *One hour a week, first semester.* A general survey of the purpose of the Old Testament; with an outline study of its books, their content and relation. (Required of all Freshmen.)

2. THE NEW TESTAMENT. *One hour a week, second semester.* Origin, teaching and unity of the New Testament; interpretation, message and mission. (Required of all Freshmen.)

### Biology

1. GENERAL BIOLOGY. *Three hours a week, first semester.* A survey of the general principles of both plant and animal life. Text, lectures, and laboratory work.

2 and 3. INVERTEBRATE ZOOLOGY. *One lecture and four hours of laboratory work a week thruout the year.* A survey of the several types of invertebrates, beginning with a brief microscopic study of the Protozoa, and advancing thru the higher groups in the order of their natural succession. Much attention is given to the comparative morphology of

each group, and to its relation to human economy. The outlines followed in the laboratory work are designed to enable the student to draw his conclusions independently on the fundamental principles of animal morphology.

4 and 5. VERTEBRATE ZOOLOGY. *One lecture and four hours of laboratory work a week thruout the year.* A study of chordate animals, beginning with the lowest forms and proceeding in the same manner as in the invertebrate work. Each group is carefully compared with those above and below it, and each in turn with man. Only a few types are studied during the semester, but these in sufficient detail to give the student a fairly comprehensive knowledge of vertebrate anatomy.

6 and 7. HUMAN PHYSIOLOGY AND ANATOMY. *Two lectures and two laboratory hours a week thruout the year.* In detail the structure and functional activities of the human body. While not technical, it aims to give the student such a comprehensive knowledge of the subject as every well-informed person should possess. The subject of hygiene receives considerable attention. Text, lectures, and laboratory. One of the courses in Zoology is a prerequisite to this.

8. ORNITHOLOGY. *Two hours a week, second semester.* A brief study of the structure, classification and bionomics of birds. Laboratory and field work.

9. GENERAL BOTANY. *Two hours a week, second semester.* A brief introductory course designed to give the student an acquaintance with the more fundamental facts of plant structure and activity. It includes text, laboratory and field work.

10 and 11. PLANT MORPHOLOGY. *One lecture and four hours of laboratory work a week thruout the year.* This work follows the same general plan as that of the above courses in Zoology, tho necessarily the laboratory portion of it is mainly microscopic. Beginning with the simplest forms, slime molds and bacteria, each group in turn is studied and compared with others and its limits defined.

12 and 13. PLANT PHYSIOLOGY AND PLANT ECOLOGY. *One lecture and four hours of laboratory a week thruout the year.* These two courses, while distinct in name, are so closely related that the latter may be considered as a con-

tinuation of the former. Plant Physiology, taken up during the first semester, deals with the general principles of plant activity, i. e., the metabolism of plants, including the absorption of liquids, respiration, transpiration, photosynthesis, etc.

Plant Ecology follows the second semester. The relation of plants to their environment, or the application of the laws of plant physiology under different external conditions, such as variation in temperature, moisture, light, etc., and the responses to these variations.

14. SYSTEMATIC BOTANY. *Two hours a week, second semester.* Principles of classification of seed-plants, with a brief study of local flora. Open to all who have had elementary Botany.

15. THE THEORY OF ORGANIC EVOLUTION. *One hour a week, first semester.* A brief examination of some of the leading facts on which the evolutionary hypothesis, so far as it applies to plants and animals, is based, and a brief survey of some of the leading theories of the origin of species. Open to all college students.

16. METHODS. *One hour a week, first semester.* Historical and technical lectures on the rise and progress of General Biology. Aims, content and methods considered in relation to secondary teaching.

NOTE.—Two hours of laboratory work equal one prepared recitation.

## Chemistry

1A and 2A. GENERAL ADVANCED INORGANIC CHEMISTRY. *Three hours a week thruout the year.* Lectures, recitations and laboratory work. The fundamental facts and principles of the science. Lectures, and recitations either upon the lectures or upon subjects assigned in the text-book. The laboratory work illustrates and confirms the subjects considered in the lecture room. The principal elements, both non-metallic and metallic, are studied, and their chemical combinations considered. Students take full notes of their work and are examined thereon. A laboratory fee of \$3.00 per semester is charged. This course is open to all who have given Chemistry as one of their entrance credits. (Primarily for Freshmen.)

1B and 2B. GENERAL INORGANIC CHEMISTRY. *Five hours a week thruout the year.* This course is similar to the one above, but designed for all students who have not had the elementary or high school chemistry. A laboratory fee of \$5.00 per semester is charged. (Primarily for Freshmen.)

3 and 4. QUALITATIVE ANALYSIS. *Three hours a week thruout the year.* A systematic study of the principal metals and acids and methods for detecting them in simple and volumetric methods. Prerequisite, Courses 3 and 4. A laboratory fee of \$5.00 per semester is required. Prerequisite, Courses 1A and 2A or 1B and 2B. (Primarily for Sophomores.)

5 and 6. QUANTITATIVE ANALYSIS. *Three hours a week thruout the year.* An accurate determination of some of the elements of simple compounds both by gravimetric and volumetric methods. Prerequisite, Courses 3 and 4. A laboratory fee of \$5.00 per semester is charged. (Juniors or Seniors.)

7 and 8. ASSAYING. *Two hours a week thruout the year.* Silver and gold extraction by scorification and crucible methods; fire assay of copper, lead and tin, and the standard methods of determination and extraction of the various useful and valuable substances found in ore, including the electrolytic process. A fee of \$5.00 per semester is required. Hours to be arranged. Prerequisites, same as for Courses 5 and 6. (Omitted in 1919-20.)

9 and 10. ORGANIC CHEMISTRY. *Three hours a week thruout the year.* An elementary consideration of the important carbon compounds and their derivatives. The preparation of some of the typical compounds. Lectures and laboratory work. A fee of \$5.00 is required. Prerequisites, same as for Courses 5 and 6. (Juniors and Seniors.)

11 and 12. SANITARY AND HOUSEHOLD CHEMISTRY. *Three hours a week thruout the year.* A short course in sanitation and the chemistry thereof will be given in connection with some work on foods and food products and the practical application of chemistry to everyday life. Lectures, collateral reading and laboratory work. A fee of

\$3.00 is required. Prerequisites, Courses 1A and 2A or 1B and 2B. (Not given in 1919-20.)

13 and 14. **ADVANCED ANALYTICAL CHEMISTRY.** Laboratory practice in gravimetric, volumetric and electro analysis. The following subjects are covered, from which the student may select to suit his own particular needs: Ores and alloys of copper, zinc, chromium, manganese, arsenic, antimony, lead, etc.; clay, rock and cement; iron and steel; paints; fertilizers; foods and food products and preparations; gas in which the student acquires familiarity with the apparatus thru analysis of air, gaseous mixtures, and illuminating gas; fuel, including proximate and ultimate analysis of wood, coal, gas and oil, and the determination of their heating values. For advanced and graduate students who have completed Courses 5 and 6. Time and hours to be arranged.

15. **INDUSTRIAL CHEMISTRY.** Typical industries are studied for the purpose of bringing out the technique of applied chemistry as well as to give specific information regarding the cases discussed. Among the subjects usually discussed are: Fuels, cements, lime, plaster, alkalis, acids, coal gas, producer gas, ammonia, electric furnaces and their products, and electro-metallurgy. Lectures, collateral reading, and reports. Only for students who are taking or have completed Courses 13 and 14. Time and hours to be arranged.

16. **METHODS.** *One hour a week, second semester.* The historical development of Chemistry, the aim, and principles of teaching Chemistry, its scope as applied to secondary schools and academies, discussion of text-books and laboratory manuals, actual observation and practice in teaching and in conducting laboratory work.

Advanced or specialized courses required by the students of Engineering and Home Economics will be arranged in connection with those departments.

A deposit of \$5.00 is required in all courses in Chemistry as a breakage fee. Loss by damage or destruction of apparatus will be deducted from the deposit and the balance refunded at the close of the semester.

## College Life

1. COLLEGE LIFE. *One hour a week, first semester.* The conditions and problems of the college student. Fulton's "College Life" used as a text. Copious readings from supplementary books and important articles to be found in the magazines. The topics discussed are: The purpose of the college, the college curriculum, the choice of courses, intellectual ideals, athletics and recreation, general reading, community life of the college. (Required of Freshmen.)

## Economics

1. PRINCIPLES OF ECONOMICS. *Three hours a week, first semester.* Survey of economic theory and its application to the solution of problems of value. Fetter's Principles of Economics; other writers consulted. (Primarily for Sophomores.)

2. ECONOMIC PROBLEMS. *Three hours a week, second semester.* Careful analysis of the more important problems. Fetter's Economic Problems and his Manual of Exercises. Prerequisite: Economics 2.

3. ECONOMIC HISTORY OF THE UNITED STATES. *Three hours a week, first semester.* Development of agriculture, commerce and industry in the United States from early Colonial times to the present. Outline from Bogart and Bogart's Readings. (For Juniors and Seniors.)

4. MONEY AND BANKING. *Two hours a week, first semester.* (For Juniors and Seniors.)

5. TAXATION AND FINANCE. *Two hours a week, second semester.* (For Juniors and Seniors.)

6. LABOR PROBLEMS. *Two hours a week, first semester.* (For Juniors and Seniors.) Not given in 1919-20.

7. PROBLEMS OF MONOPOLY. *Two hours a week, second semester.* (For Juniors and Seniors.) Not given in 1919-20.

8. HISTORY OF ECONOMICS. *Two hours a week, first semester.* Not given in 1919-20.

## Education

NOTE.—All courses offered in the Department of Education, including four hours of introductory psychology, will count

toward the fifteen hours required for the University Teachers' Certificate.

1. HISTORY OF EDUCATION. *Three hours a week, first semester.* The aim of this course is to outline the entire history of education. Much attention will be given to progressive and non-progressive factors in connection with the educational aims, ideals and methods of various nations. Greek, Roman, and Christian ideals will be considered. Monasticism, Scholasticism, Universities, the Renaissance and the Reformation will be studied. The course will close with a resume of the more fundamental movements and theories of modern times. Text-book, lectures and discussions.

2. PHILOSOPHY OF EDUCATION. *Three hours a week second semester.* The meaning of education from the biological, physiological, sociological, psychological and philosophical points of view, will be the first consideration in this course. The relations of education to democracy will emphasize the social aspect of modern educational philosophy. Lectures, discussions and readings.

3. MODERN EDUCATIONAL CLASSICS. *Two hours a week, second semester.* Some of the pedagogical writings to be read in this course are: Locke's Thoughts on Education; Rousseau's Emile; Spencer's Education; Huxley's Science and Education. Not given in 1919-20.

4. PRINCIPLES OF EDUCATION. *Two hours a week, first semester.* Designed to cover the most important principles which Biology, Physiology, Psychology, Sociology, and Ethics have contributed to the science of Education. Much attention will be given to eye-mindedness, ear-mindedness, and motor-mindedness and their bearing on Education. Brain localization, manual training and the theory of recapitulation. Text book, lectures and discussions.

5. EDUCATIONAL PSYCHOLOGY. *Two hours a week, second semester.* A description and explanation of the learning process from the viewpoint of psychology. Much emphasis will be given to instinct, habit formation, perception, imagination, association, memory, interest and effort. The course centers about those mental processes that are truly educative. Text-book, lectures and discussions.

6. SECONDARY EDUCATION. *One hour a week, first semester.* This course is to acquaint the student with the various problems of secondary education. The educational value of each high school subject (and its proper method of presentation), and the various relations of the secondary curriculum to college entrance requirements. This course is for earnest students planning to become principals, superintendents, or heads of various departments in high schools. Open to Juniors, Seniors and Graduate students.

7. MORAL EDUCATION. *One hour a week, second semester.* A consideration of the forces that mould human character. Much attention will be given to the home, the school, the church, and vocation, as component factors in character building. The relation of human will to heredity and environment will be explained.

8. SEMINAR IN EDUCATION. *Two hours a week, second semester.* For earnest students prepared to do advanced work. Two or more of the following topics will be discussed: The psychology of skill; the psychology of drawing; the psychology of reading; aphasia in its bearing on the teaching of reading, writing and spelling; and inner speech in relation to mental processes. Not given in 1919-20.

## English

### COMPOSITION

NOTE.—All Freshmen are required before registering in Composition to take a classifying examination, the purpose of which is to determine to which section the student will be assigned. Those whose work in this examination is excellent will be required to take only two hours of composition, and may be registered in 1A; those whose work is satisfactory but not excellent will be required to take three hours, and will be registered in 1B; and those whose work is unsatisfactory will be required to take four hours, and will be registered in 1C. Since 1C will include some sub-Freshman work only three hours college credit can be given. At the beginning of the second semester those who have made a grade of E in 1B may be registered in 2A, and those who have made a grade of E in 1C may be registered in 2B. A student who is conditioned in 1A will be required to register

in 2B for the second semester, and a student conditioned in 1B will be required to register in 2C.

1A and 2A. COMPOSITION. *Two hours a week thruout the year.* A general course in composition based upon practical requirements and upon a study of the principles of rhetoric; exposition the first semester, and argumentation, description, and narration the second semester; occasional drill in oral composition; prescribed readings; and conferences with the instructor.

1B and 2B. COMPOSITION. *Three hours a week thruout the year.* The same as 1A and 2A except that more themes and a more detailed study of the principles of composition and their application are required.

1C and 2C COMPOSITION. *Four hours a week thruout the year.* Six credits. The same as 1B and 2B, except that in addition the class is required to make up deficiencies in sub-Freshman composition.

3 and 4. ADVANCED COMPOSITION. *Two hours a week thruout the year.* Extensive written work during the first semester and a study of such factors in composition as combining of units, proportion, thot development, imagination, movement, suspense, climax, and plot. The second semester will be devoted to a consideration of style and to the writing of informal essays.

5. ARGUMENTATION. *Two hours a week, first semester.* The principles and methods of argumentation and debate; practice in briefing and debate composition and less formal argumentative prose.

6. PUBLIC DISCOURSE. *Two hours a week, second semester.* The rhetoric of oratory and the lecture; practice in composition.

7 and 8. VERSIFICATION. *One hour a week thruout the year.* The writing of verse, based upon a study of its form and structure. Consideration given to the tendencies in present-day poetry.

#### JOURNALISM

9 and 10. NEWSPAPER WRITING. *Two hours a week thruout the year.* A general course in the writing of the news story, the feature story, the editorial, and other forms common to newspaper practice; copy reading, proof reading,

and of the problems of reporting. The Willamette Collegian and the Salem daily papers give opportunity for practical newspaper work.

11 and 12. SHORT-STORY. *Two hours a week thruout the year.* Short-story writing; a survey of the development of the short-story type and a study of present tendencies; consideration of the requirements of magazines and marketing of manuscripts.

#### LANGUAGE AND LITERATURE.

13 and 14. SURVEY OF ENGLISH LITERATURE. *Three hours a week thruout the year.* A study in the development of the language and literature from "Beowulf" to the present, with the reading of representative selections of poetry and prose. Primarily for Sophomores. Required of Sophomores majoring in English.

15 and 16. SHAKESPEARE. *Three hours a week thruout the year.* About twenty of Shakespeare's plays are studied and his development in technique is traced from the period of early experimentation to the closing years of his dramatic career. Not open to Freshmen.

17 and 18. AMERICAN LITERATURE. *Two hours a week thruout the year.* The literary history of America. Reports and readings on assigned topics. (Primarily for Juniors.)

19. THE REVIVAL OF ROMANTICISM. *Three hours a week, first semester.* The beginnings of the movement in poetry of Gray, Collins, Cowper, Burns, Chatterton, Blake, etc., and its climax in the work of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, and Landor.

20. POETRY OF THE VICTORIAN PERIOD. *Three hours a week, second semester.* Tennyson, Browning, Mrs. Browning, Arnold, Clough, Rossetti, Morris, and Swinburne.

21. THE ENGLISH NOVEL. *Two hours a week, first semester.* Three credits. The development of the novel from Defoe and Richardson to Hardy. Lectures and reports on the reading of representative works of fiction.

22. PROSE OF THE VICTORIAN PERIOD. *Two hours a week, second semester.* Three credits. Carlisle, Ruskin,

Arnold, Newman, Macaulay, with attention to the scientific prose of the time.

23. CHAUCER. *Three hours a week, first semester.* The chief aim of the course is to acquaint the student with a considerable body of Chaucer's verse, especially the Canterbury Tales. Due attention will be paid to Chaucer's language, to his life and the political and social movements of his day. (Primarily for Juniors and Seniors.)

24. THE TEACHING OF ENGLISH. *One hour a week, second semester.* Methods and aims in teaching composition and literature in secondary schools. Primarily for Seniors who expect to teach.

25 and 26. CONTEMPORARY LITERATURE. *Two hours a week thruout the year.* First semester, modern Drama in England and America. Second semester, present day writers of poetry and prose: Kipling, Hardy, Galsworthy, Masefield, Stephen Phillips, etc.

## French

1 and 2. ELEMENTARY COURSE. *Four hours a week thruout the year.* Grammar, Olmsted. First Course in French. Easy short stories; sight reading. Study of irregular verbs. Prose, fairy tales or other easy matter. Memory work. Pronunciation, dictation and conversation.

3. INTERMEDIATE COURSE. *Three hours a week, first semester.* Review of Grammar. Study of irregular verbs continued. Composition. Papers on works studied or on other subjects. Daudet, Halevy and other authors of similar grade will be read. Sight reading, conversation, memory work.

4. CONTINUATION OF COURSE 3. *Three hours a week, second semester.* Composition of more advanced character. Themes will be written from time to time, based upon questions arising now and then from class room work. Daudet and other authors may be read. Sight reading, memory work and ample conversation.

5. ADVANCED COURSE. *Two hours a week, first semester.* Selections from Hugo, Musset and other authors read both in class and outside. La Fontaine's Fables or

other poems studied and memorized. Composition and conversation.

6. **ADVANCED COURSE CONTINUED.** *Two hours a week, second semester.* Literature, study of the classic drama. Works of Corneille, Racine and Moliere read. Papers on questions arising from the books read or on other subjects. Ample conversation.

NOTE.—Students having but three years of College French and wishing to continue their studies another year may do so by taking courses 5 and 6. In this case work varies from that of the preceding year.

## Geology

1 and 2. **GENERAL GEOLOGY.** *Three hours a week, thruout the year.* An elementary survey of dynamic, structural, physiographic, and historical geology, and of minerals, rocks and fossils, illustrated as far as possible by specimens from the College collection, and to show the student the nature of the field covered by geological study. Excursions made to points in the vicinity where geologic processes and forms are illustrated. An elementary knowledge of Physics, Botany, Zoology, and Chemistry is desirable. For Juniors and Seniors.

3. **MINERALOGY, DESCRIPTIVE AND DETERMINATIVE.** *Two hours a week, first semester.* Lectures and laboratory. The course involves a study of elementary crystallography, the determination of unknown minerals by means of their physical and chemical properties and tests, and the descriptive study of typical minerals found in the College collection. The object is to familiarize the student with the common minerals about him and to enable him to recognize them on coming in contact with them in the field. Prerequisites, Geology 1 and 2, Chemistry 1A and 2A or 1B and 2B. A laboratory fee of \$2.00 a semester is required.

4. **ECONOMIC GEOLOGY.** *Two hours a week, second semester.* A study of the mineral resources of the United States, including: (a) The non-metallic products; fuels—coal, petroleum, gas; building and structural materials—stone, marble, slate, clay, cement, etc.; Miscellaneous products—phosphates, mineral paints, mineral waters, salt,

borax, etc. (b) The metal-bearing minerals; the origin and formation of ore bodies; the ores of iron, copper, lead, zinc, gold, silver, etc.; the extraction and use of the metals. (c) Soils—Their nature and origin. Prerequisites: Geology 1, 2 and 3, and Chemistry 1A and 2A or 1B and 2B.

## German

1 and 2. ELEMENTARY COURSE. *Four hours a week thruout the year.* Grammar, Bacon or some other text used. Exercises in pronunciation. Easy short stories. Haertel, German Reader for beginners or some other book of the grade of Zschokke, das Wirtshaus zu Cransac. Poems for memorizing; dictation, easy composition and colloquial exercises based on text read.

3. REVIEW OF SYNTAX. *Three hours a week, first semester.* Composition based on Chile's German Prose Composition or other texts. Works by Storm, Riehl or other writers of similar grade read, in class and outside. Memory work; dictation and conversation.

4. CONTINUATION OF COURSE 3. *Three hours a week, second semester.* One or two of the easier classics may be read. Lectures on the lives of the authors. Papers on questions arising from the works or on other subjects. Dictation and conversation.

5. THE CLASSIC DRAMA. *Two hours a week, first semester.* Schiller, Goethe, Grillparzer. Lectures on their lives. Composition. Papers on questions arising now and then from books read or other given subjects. Ample conversation.

6. THE MODERN DRAMA. *Two hours a week, second semester.* Sudermann, Hauptmann, Fulda or other authors. Selections from their prose writings. Ample composition and conversation.

7. SHORT HISTORY OF GERMAN LITERATURE. *Two hours a week, first semester.* More particular study of Goethe; his place among German poets; reading from his masterpieces. Ample composition and conversation.

8. CONTINUATION OF COURSE 7. *Two hours a week, second semester.* Goethe continued. A drama by Lessing

and some modern writers read. Papers on questions occurring. Ample conversation.

9 and 10. **ADVANCED COURSE.** *Three hours a week thruout the year.* This course is open only to students who have had four years of college work and who wish to continue their studies. To students specializing in German this course is particularly recommended. The reading of masterpieces of both classic and modern writers, composition, reports on given or chosen subjects and ample conversation. The language in the class room will be German exclusively. The works to be read and discussed selected from the following authors: Goethe, Schiller, Lessing, Klopstock, Grillparzer, Hauptmann, Sudermann, Hebbel, and Fulda. Faust, first and second part, Wallenstein, Nathan der Weise, die Versunkene Glocke, Agnes Bernauer, Johannes und der Talisman are among those likely to be considered. Poems read and partly memorized. Frequent themes.

11 and 12. **ADVANCED COURSE CONTINUED.** *Three hours a week thruout the year.* This course will include literary, historic and scientific German, but in character be like 9 and 10.

## Greek

1 and 2. **FIRST YEAR GREEK.** *Four hours a week thruout the year.* A study of the declensions and conjugations, the principles of syntax, and vocabulary. Xenophon's Anabasis, books I and II.

3. **XENOPHON.** *Three hours a week, first semester.* Anabasis, books III and IV. Prose composition.

4. **HOMER.** *Three hours a week, second semester.* Odyssey, books I to IV. Jebb's Introduction to Homer.

5. **HOMER CONTINUED.** *Three hours a week, first semester.* Odyssey, books V to XII or the equivalent. A study of the origin of Epic poetry. Greek mythology and the Homeric world. Not given in 1919-20.

6. **PLATO.** *Three hours a week, second semester.* The Apology and Crito. Studies in Greek philosophy. The reading of the Republic in translation. Not given in 1919-20.

7. **HOMER'S ILIAD AND ODYSSEY IN TRANSLATIONS.** *Two hours a week, first semester.* Careful investi-

gation of Homeric life and thought, as revealed in the Homeric poems. No knowledge of Greek required.

8. GREEK DRAMA IN TRANSLATION. *Two hours a week, second semester.* A study of the best dramatic works of Aeschylus, Sophocles, Euripides, and Aristophanes in translations. Lectures and reports.

9 and 10. STUDIES IN THE GREEK DRAMA. *Three hours a week thruout the year.* Aeschylus, Sophocles, Euripides, and Aristophanes. One drama of each will be read in the original; others will be read in the translations. Ver-rall's Greek Tragedy. Not given in 1919-20.

NOTE.—New Testament Greek is offered in Kimball School and is open on approval to Liberal Arts students. See Religion 1 and 2.

## History

1. HISTORY OF GREECE. *Two hours a week, first semester.* The political, social and religious development of the Greek peoples. (Primarily for Freshmen.) Not given in 1919-20.

2. HISTORY OF ROME. *Two hours a week, second semester.* The evolution of the Roman state from its beginning, its world empire, and its fall. (Primarily for Freshmen.) Not given in 1919-20.

3. HISTORY OF MEDIAEVAL EUROPE. *Three hours a week, first semester.* From the fifth to the fourteenth centuries; the decline of the Roman Empire; the barbarian invasions and kingdoms; the development of the Christian Church; feudalism; the beginning of the modern European state; mediaeval culture. (Primarily for Freshmen.)

4. HISTORY OF MODERN EUROPE. *Three hours a week, second semester.* Continuation of Course 1 but new students are admitted. The Modern Period to 1915; the Renaissance; Reformation; Catholic reformation; wars of religion; the age of Louis XIV; the development of modern European states. (Primarily for Freshmen.)

5. MEDIAEVAL HISTORY OF THE ENGLISH PEOPLE. *Four hours a week, first semester.* The social, economic, religious, political and constitutional development of the English people from the Anglo-Saxon invasion to the

reign of Elizabeth. Frequent class discussions, collateral reading, and the preparation of papers on special subjects. (Primarily for Sophomores.)

6. MODERN HISTORY OF THE ENGLISH PEOPLE. *Four hours a week, second semester.* Continuation of Course 3 but new students are admitted. From the reign of Elizabeth to the present time. (Primarily for Sophomores.)

7. THE FRENCH REVOLUTION. *Two hours a week, second semester.* A study of the causes found in the conditions of the old regime. The development of the reign of terror. The whole course of the Revolution until the rise of Napoleon. Open to those who have had Courses 4 or 6, or an equivalent.

8. NAPOLEON AND HIS CONQUERORS. *Three hours a week, first semester.* The Napoleonic Era. The Holy Alliance and the struggles for democracy. The rise of Italy and Germany. Open to those who have had Courses 4 or 6, or an equivalent. Not given in 1919-20.

9. THE GREAT WAR. *Three hours a week, second semester.* From the Franco-Prussian war to the present time. Particular attention is given to the causes and results of the greatest world conflict. Open to those who have had Courses 4 or 6, or an equivalent. Not given in 1919-20.

10. ECONOMIC HISTORY OF THE UNITED STATES. *Three hours a week, first semester.* The development of agriculture, commerce and industry in the United States from colonial times to the present day. (For Juniors and Seniors.) See Economics 3.

11. AMERICAN COLONIAL HISTORY. *Two hours a week, first semester.* The development of the colonies socially and politically from their beginning until the adoption of the Constitution. Open to Juniors, Seniors, and Graduates.

12. AMERICAN CONSTITUTIONAL HISTORY. *Two hours a week, second semester.* A study of causes and results of the chief movements in American history from the adoption of the Constitution to the present time. Open to Juniors, Seniors and Graduates.

13. HISTORY OF OLD OREGON. *Two hours a week, first semester.* The struggle with the British for the possession of old Oregon. The character and work of the early

settlers. The influence and work of the missions, particularly those of Jason Lee and Marcus Whitman. Open to Juniors and Seniors.

### Home Economics

GENERAL CHEMISTRY, 1 and 2. Description of course under "Chemistry."

1 and 2. FOOD ECONOMICS. *Two hours a week thruout the year.* Functions and nutritive values of foods; nutritive requirements of individuals, families and occupational groups; food costs, marketing and budgets.

3. COOKERY AND FOODS. *Three hours a week, first semester.* Practical cookery, cost and quantity of food; serving and preserving food.

4. DIETETICS. *Two hours a week thruout the year.* The chemical, physiological and economic factors of normal diets; abnormal diets; dietary standards. Prerequisite: Chemistry 1 and 2.

5. TEXTILES. *Two hours a week thruout the year.* Study of fibers and fabrics from the standpoint of history, economics and society; selection of material and designing; comparison of commercially prepared articles.

6. DRESS. *Two hours a week, second semester.* Dress in relation to hygiene, design, color and cost; drafting of patterns; selection and combination of materials.

7. THE HOME. *Two hours a week, first semester.* Location, architecture and construction of houses; landscaping; furnishings, decoration and administration.

8. HOUSEHOLD SANITATION. *Two hours a week, second semester.* Surroundings, drainage, plumbing, heating, lighting and ventilation; water, air, milk and food; sanitary furnishings; health; chemistry in daily life.

9. HOME LIFE. *One hour a week thruout the year.* Conduct and management of a home and family; manners and social observances; study of typical homes; woman's civic responsibilities.

10. HYGIENE. *Two hours a week, second semester.* A brief course in practical personal hygiene.

11. **PHYSIOLOGY.** *Two hours a week, first semester.* General human physiology and anatomy, with occasional laboratory work and experiments.

### Latin

A. **FIRST YEAR LATIN.** *Four hours a week thruout the year.*

B. **SECOND YEAR LATIN.** *Four hours a week thruout the year.*

Courses A and B are for those who expect to major in the Letters group and for all others who desire to present Latin to satisfy the Foreign Language entrance requirements. College credit is not given for them.

C. **CICERO.** *Two hours a week thruout the year.* Oration and letters.

1 and 2. **VERGIL.** *Three hours a week thruout the year.* Six books of Vergil's Aeneid.

3. **CICERO.** *Three hours a week, first semester.* De Senectute and De Amicitia. Studies in Roman Philosophy.

4. **LIVY.** *Three hours a week, second semester.* Book XXI, and part of book XXII, or selections from books I, XXI, and XXII.

5. **HORACE.** *Three hours a week, first semester.* Odes and Epodes. Mackail's Latin Literature.

6. **PLAUTUS.** *Three hours a week, second semester.* Captivi and Trinummus or Menaechmi. Special study of the rise and development of comedy.

7 and 8. **RAPID READING.** *Two hours a week thruout the year.* The aim is to read a large amount of comparatively easy Latin and to enable the student to acquire facility in the use of the language. Caesar's Civil War and selections from Terence, Curtius and Gellius.

9 and 10. **TEACHERS' COURSE.** *Two hours a week thruout the year.* Lectures, reports, and study of Methods. Examination of text-books. Not given in 1919-20.

### Mathematics

NOTE.—A major must include Courses 6, 7, 10, 11, 12 and 13. Courses A and 3 do not count toward the major. Courses 4, 5, 6 and 7 are indispensable in all engineering professions.

**COURSE A.** *Three hours a week, first semester.* Is prerequisite to Courses 1 and 3 for students who do not offer 3d term Algebra. It considers mathematical induction, the remainder and the factor theorems, the binomial theorem for positive integral exponents, surds, theory of quadratic equations, examples in simultaneous quadratic equations, elements of ration and proportion, the progressions and other simple series. Graphical methods should be employed wherever they are applicable.

1 and 2. **COLLEGE ALGEBRA.** *Three hours a week throughout the year.* This course considers inequalities and limits, exponentials and logarithms, binomial theorem for any index, convergent and divergent series, expansion of functions in series, permutations and combinations, continued fractions, undetermined co-efficients, determinants in brief. Prerequisites: Courses 4 and 5.

3. **SOLID GEOMETRY.** *Three hours a week, second semester.* Special emphasis is laid upon the practical numerical exercises.

4. **PLANE TRIGONOMETRY.** *Four hours a week, first semester.* The general formulas of Plane Trigonometry; the theory of logarithms and the use of logarithmic tables; applications of the numerical solution of triangles and simple problems in heights and distances; application to astronomy and navigation.

5. **ANALYTIC GEOMETRY.** *Four hours a week, second semester.* Including the straight line, circle, parabola, ellipse, hyperbola, and some of the higher curves.

6. **CALCULUS.** *Three hours a week, first semester.* Differentiation and easy integration.

7. **CALCULUS.** *Three hours a week, second semester.* A continuation of Course 6. Expansion of functions, areas, volumes, length of curves.

8. **METHODS.** *One hour a week, second semester.* A critical and historical study of the logical foundations of secondary Mathematics, as an aid in teaching. Lectures on teaching as a profession, School Discipline, The Teacher in His Study, Methods in Algebra, Methods in Geometry, The Psychology of High School Mathematics, etc.

9. SURVEYING. *Two hours a week, second semester.* Transit and level, their use and adjustment, and plane table land surveying, leveling, plotting, computations.

10. MECHANICS. *Three hours a week, first semester.* Involving the use of Analytic Geometry and the Calculus as well as of the elementary Mathematics. A concrete course in motion, friction, forces, work, energy, etc.

11. ADVANCED CALCULUS. *Three hours a week, second semester.* A continuation of Courses 6 and 7. Infinite series, Taylor's theorem, surfaces, volumes, some applications to mechanics, differential equations.

12. SURVEYING. Provided a sufficient number of students apply, courses in Surveying beyond the elementary work in Course 9 will be given, such as railroad engineering or road surveying.

### Mechanical Drawing

1. DRAWING. *Two hours a week, first semester.* A course for beginners the object of which is to familiarize the student with the use of drawing instruments and the language of technical drawing as well as work in linear drawing, lettering, geometrical problems and constructions, and mathematical curves. Open to all students.

2. DRAWING. *Two hours a week, second semester.* Elementary principles of projection, working drawings, dimensions, blue print reading, shop sketching, etc. Prerequisite: Course 1.

3 and 4. DRAWING. *Three hours a week thruout the year.* Orthographic projection, problems in projection, intersection of solids and development of surfaces. Application of the principles of technical drawing to isomeric projection and machine drawing. Prerequisite: Courses 1 and 2.

### Music

Students of the College of Liberal Arts may receive credit for certain courses taken in the School of Music. See School of Music.

### Philosophy

NOTE.—The aim of philosophy is the organization of human experience. The following courses in Psychology,

Philosophy and Religion find concrete application in the Principles and Science of Education. The various courses in Education find their fuller meaning and unity in Philosophy.

1 and 2. PSYCHOLOGY. *Two hours a week thruout the year.* This course is an introduction to the systematic study of Psychology. The course begins with a description of the nervous system, its structural and functional organization, and its significance as a physical basis for the study of mental phenomena. The more important facts of mental life—association, memory, attention, perception, and volition—will be emphasized. Text-book, lectures, and discussions. Required of Sophomores who have not taken it in their Freshman year.

3. PRESENT PHILOSOPHICAL TENDENCIES. *Three hours a week, first semester.* The chief aim of this course is to give due attention to present philosophical tendencies. The discussion will center about Pragmatism, Realism, and Idealism, and the various relations of these philosophies to the practical problems of life. This course will consist of lectures, discussions, and assigned readings.

4. MODERN PHILOSOPHERS. *Three hours a week, second semester.* Selections from the various philosophical writings of Spencer, Royce, Hoffding, James, Eucken, Bergson, and Dewey, will serve as the basis of discussion in this course. Open to Juniors, Seniors and Graduate students.

5. SEMINAR IN PSYCHOLOGY. *Three hours a week, second semester.* Intended for those students having a general interest in the more advanced conceptions of the mental processes; will be intensive as well as extensive. The psychological works of James, Munsterberg, Titchner, Yerkes, Sully and Spencer consulted. Open to Juniors, Seniors and Graduate Students. Not given 1919-20.

6. INTRODUCTION TO PHILOSOPHY. *Three hours a week, first semester.* This study serves as an introduction to philosophical problems. Discussions will be freed as much as possible from technicalities; no preliminary training in philosophical study will be necessary. The aim of this course is to develop critical reflection in regard to problems

which are certain to arise in the mind and to suggest their possible solution.

7. PHILOSOPHY OF ETHICS. *Three hours a week, second semester.* This study will consist of the history and meaning of the more important ethical theories, both ancient and modern. Includes a discussion of the ethical aim in education, both as to its importance and its proper direction. Attention will be given to the ethical theories of the Greeks and to modern writers such as Kant, Spencer, Paulsen, Bowne, Dewey, and Shaw. (Required of Juniors.)

8. HISTORY OF ANCIENT AND MEDIAEVAL PHILOSOPHY. *Two hours a week, first semester.* This study will endeavor to trace the development of philosophical thought from the Sixth century B. C. to the Sixth century A. D. Text-book study, discussions, and lectures. Not given 1919-20.

9. HISTORY OF MODERN PHILOSOPHY. *Two hours a week, second semester.* A review of the development of modern philosophic thought, from its beginning in the Sixth century to the present time. Particular attention will be given to those writers who have a close technical relation with the history of education. Systematic reading required in connection with the course. Not given 1919-20.

10. PHILOSOPHY OF RELIGION. *One hour a week, first semester.* This study will set forth briefly and concretely a few of the modern philosophies of religion. Considerable attention will be paid to value-judgments in their relation to religion. Much classroom discussion will center about the writings of Schleiermacher, Lotze, Neo-Hegelians, Martineau, Eucken, James, Schiller, etc. Lectures, discussions and readings.

11. PROBLEMS OF RELIGIONS. *One hour a week, second semester.* A practical continuation of the course in the philosophy of religion. The first part of the course will be concerned with the historic origins of religion. Later discussions will take up the more psychological phases of the subject—sin, salvation, conversion, atonement, faith, prayer, etc. If time permits, an attempt will be made to evaluate the various concrete and abstract arguments for God, Freedom, and Immortality. Lectures, discussions and readings.

## Physical Education

The need of systematic exercise and training is recognized by all the leading colleges of today and each year sees a larger space provided for it in the curriculum of all our schools. Willamette, with a large athletic field and a gymnasium with floor space, lockers, showers, etc., is equipped to supply the needs of all students.

**REQUIREMENTS.** Work in physical education is required of all students, two periods a week for two full years, regardless of student's course or classification. At least four credits are required in physical training toward graduation. Special work will be assigned to students physically unfit for regular courses in physical training.

### PHYSICAL EDUCATION FOR MEN.

**PHYSICAL TRAINING.** Students may select any one of the three divisions in physical training.

**1A. INTERCOLLEGIATE ATHLETICS.** Intercollegiate Athletics are maintained under the personal supervision of the Director of Physical Education and under the jurisdiction of the Athletic Board of Control and Student Executive Committee. It is the plan of the President and Faculty to keep in touch with this work in such a way as to eliminate evils and make athletics clean and productive of real benefit to the participant. Students having unsatisfactory scholastic rank are debarred from intercollegiate athletics. In this division representative teams are organized for football, basketball, baseball, track, cross-country running, and tennis. Participation for an entire season of a sport one credit in physical training.

**2A. INTRAMURAL ATHLETICS.** Intramural Athletics are maintained under the personal supervision of the Director of Physical Education and under the jurisdiction of a committee consisting of the president of the student body and a representative elected by each class or organization entering teams. In this division of physical training all students physically fit are given an opportunity to take part in athletic contests. Participation two hours a week for an entire season of a sport, one-half credit in physical training.

3A. GYMNASIUM CLASSES. In this course in Practical Gymnastics a variety of work is taught including the Swedish system. Emphasis is laid on correct posture and breathing. Two hours a week, one credit.

4A. TEACHERS' COURSE. A special course in physical training designed to prepare student for positions as teachers of physical training or as coaches of athletic teams. Subjects treated: Organization and Administration, Physical Diagnosis, Aid to the Injured, School Hygiene and Sanitation, Gymnastics, Class Room and Playground Exercise and Games. Methods of coaching: Football, baseball, basketball, and track.

#### PHYSICAL EDUCATION FOR WOMEN.

1B. GYMNASIUM CLASSES. Same as 3A.

2B. INDIAN CLUBS.

3B. ATHLETIC GAMES. (Open to those physically fit.)

4A. Open to women with special qualifications.

### Physics

1 and 2. ELEMENTARY PHYSICS. *Three hours a week thruout the year.* This course is intended for students who do not present high school physics for entrance. Recitations and laboratory work. Credit will be given only on the completion of the whole course. Open to Freshmen.

3. GENERAL PHYSICS. *Four hours a week, first semester.* The course will include recitations, demonstrations, lectures, solution of problems, and laboratory work in Mechanics, Sound and Light. Prerequisites: Course 1 and 2 and Mathematics 4. Primarily for Sophomores.

4. GENERAL PHYSICS. *Four hours a week, second semester.* A continuation of course 3, following the same methods and taking up the study of Heat, Magnetism and Electricity. Prerequisites are the same as for Course 3. Primarily for Sophomores.

5. METHODS. *One hour a week, second semester.* This course prepares students for teaching Physics in the high schools. History, subject matter, text-books and methods of teaching; the purchase and care of laboratory apparatus and the organization of the laboratory. Reference: Mann, "The

Teaching of Physics." Prerequisites: Course 1, 2, 3 and 4. Primarily for Juniors and Seniors.

6. HEAT AND THERMODYNAMICS. *Three hours a week, first semester.* Advanced study in Heat and Thermodynamics; lectures, recitations and laboratory work. Open to Juniors and Seniors who have completed Courses 1, 2, 3 and 4, and Mathematics 5 and 6.

7. ADVANCED ELECTRICITY AND MAGNETISM. *Three hours a week, second semester.* An advanced study of practical Electricity and Magnetism. Lectures, recitation and laboratory work. Conduction of electricity thru gases and the electron theory during the latter part of the course. Prerequisites are the same as for Course 6.

### Public Speaking

1 and 2. MIND, BODY AND VOICE. *Three hours a week thruout the year.* A course based on the understanding

that all expression has a mental cause which is revealed by the voice and body. The basic principles of expression; voice culture, breathing, poise, gesture, pronunciation, articulation, modulation, pantomime and their psychological relations.

3 and 4. PLATFORM. *Two hours a week thruout the year.* A course in the preparation of lyrics, stories, dramatic scenes from novels and plays, and training for their public presentation. Special attention to platform deportment. Programs prepared and presented in public. Prerequisites, Courses 1 and 2.

5. ORATORY. *One hour a week thruout the year.* Practical course to develop the power to think when upon the stage and a vocabulary of delivery as well as of

and Bible students, wherein the student is trained and brought into unity. Imagination and feeling are awakened and the spiritual powers of the student are realized thru his sympathetic identification of self with the Truth.

Lyrics and hymns, and all forms of literature found in the Bible studied and interpreted vocally. The aim of this course is to reveal the beauties of the Bible by the proper vocal interpretation. Public Recitals are given annually. Prerequisites, Courses 1 and 2.

12 and 13. **DRAMATIC INTERPRETATION.** *Two hours a week thruout the year.* An advanced course for platform work; vocal interpretation of literature; story telling in all its forms, from simple after dinner stories to dramatic and epic narration; the monologue, life sketches, impersonation, and interpretation of the drama. Formal and informal recitals, affording practical platform experience with audiences, thruout the year. Prerequisites, Courses 1 and 2, and 3 and 4.

14 and 15. **MASTERPIECES.** *Two hours a week thruout the year.* The Bible, Shakespeare, Browning, Tennyson and other masters are studied with reference to the spiritual significance, and to vocal interpretation and delineation of character. Prerequisites, Courses 1 and 2, 12, 13, and 14. Not offered in 1919-1920.

## Religion

Besides the courses in the Department of Bible in the College of Liberal Arts, we are able to offer the following courses given by the Faculty of Kimball School of Theology. They are open to students of the College of Liberal Arts on the following conditions:

(a) Students taking over five hours from the following courses in any semester must pay additional tuition.

(b) A maximum of fifteen hours from these courses may be presented in the College of Liberal Arts for credit towards graduation.

1 and 2. **GREEK NEW TESTAMENT.** *Two hours a week thruout the year.* Critical reading with exegetical study. In 1919-1920 the Epistle to the Romans will be studied.

3. **HISTORICAL GEOGRAPHY OF BIBLE LANDS.** *One hour a week, first semester.* The location, topography, and characteristics of those places which figure in the Bible narratives. Not given in 1919-1920.

4. CANON AND TEXT OF SCRIPTURE. *One hour a week, second semester.* A survey of the text, manuscripts and versions of the Scriptures, with a study of their inspiration, centering round the question "How We Got Our Bible." Not given in 1919-1920.

5. OLD TESTAMENT HISTORY. *Two hours a week, first semester.* The history of the Hebrew people and of the unfolding of the kingdom of God upon earth, on the basis of the Bible narrative.

6. NEW TESTAMENT HISTORY. *Two hours a week, second semester.* The beginning of Christianity as set forth in the New Testament scriptures, with the historical background furnished in the developments among the Hebrew people in the period between the Old and New Testaments. Not given in 1919-1920.

7. LIFE OF CHRIST. *Two hours a week, second semester.* A constructive study based on the text of the Gospel narrative.

8 and 9. CHURCH HISTORY. *Three hours a week thruout the year.* The rise and development of the Christian Church from the Apostolic Age to the Reformation. Not given in 1919-1920.

10 and 11. CHURCH HISTORY. *Three hours a week thruout the year.* From the Reformation to the present time.

12. CHRISTIAN EVIDENCES. *Two hours a week, second semester.* A study of the fundamentals of Christianity and of the value of Christian experience.

13 and 14. PSYCHOLOGY OF RELIGION. *Two hours a week thruout the year.* An investigation of religious phenomena, especially the phenomena of Christian experience, based on the latest studies in religious psychology, and designed to show the relation of the natural to the supernatural in these phenomena. Not given in 1919-1920.

15. COMPARATIVE RELIGIONS. *Two hours a week, first semester.* A survey of the various non-biblical systems of religion and of their relation to Christianity. Not given in 1919-1920.

16. THEISM. *Two hours a week, second semester.* A study of the philosophic basis of this great belief of humanity.

17 and 18. OLD TESTAMENT AND NEW TESTAMENT INTRODUCTION. *Two hours a week thruout the year.* Study of the authorship, date, contents, and literary characteristics of the books of the Old and New Testaments.

19 and 20. MISSIONS. *One hour a week thruout the year.* A study of the great missionary movement of history, of the great missionary leaders, the difficulties of the work and the modern situation. Conducted by class room lectures by the professor and reference work on the part of the students.

21. RELIGIOUS PEDAGOGY. *Two hours a week, first semester.* A study of childhood and youth in their relation to the religious life and of the best methods of imparting religious instruction.

22 and 23. HISTORY OF DOCTRINE. *Two hours a week thruout the year.* A study of the progress of Christian thought from the beginning of Christianity to the present. Not given in 1919-1920.

24 and 25. HISTORY OF METHODISM. *Two hours a week thruout the year.* A study of this great religious movement, first as it was seen in England in the eighteenth century, and second, in its later development in the United States from its founding here to the present time. Not given in 1919-1920.

26. HISTORY OF SOCIAL CHRISTIANITY. *Two hours a week, first semester.* A study of the influence of Christianity upon social progress thruout the Christian centuries.

27. THE COUNTRY CHURCH. *Two hours a week, second semester.* A study of the present day conditions surrounding this indispensable outpost of the kingdom of God, and its present needs.

### Sociology

1. PRINCIPLES OF SOCIOLOGY. *Three hours a week, first semester.* A study of the structure of society and of the laws of its development. Primarily for Sophomores.

2. SOCIAL PROBLEMS. *Three hours a week, second semester.* A study of the more important social problems, including population, immigration, the negro, the family, education, poverty, and crime. Primarily for Sophomores.

3. RURAL SOCIOLOGY. *Two hours a week, first semester.* The problems of country and village life with reference to local needs and general welfare. For Juniors and Seniors.

4. SPECIAL PROBLEMS. *Two hours a week, second semester.* Intensive study of a limited number of social problems; problems of dependence and of anti-social conduct. For Juniors and Seniors.

5. STATISTICS. *Two hours a week, first semester.* Principles and methods of statistical science; practice in their application. For Juniors and Seniors.

6. ANTHROPOLOGY. *Two hours a week, second semester.* General problems of anthropology—origins, races, languages, primitive culture. For Juniors and Seniors.

Courses 5 and 6 alternate with Courses 3 and 4 and are not offered in 1919-1920.

### Spanish

1 and 2. ELEMENTARY COURSE. *Three hours a week thruout the year.* Grammar, De Vitis. Easy prose; pronunciation. Verb drill. Books such as "Lecturas Faciles," "Flores de Espana," etc., read. Diction, composition and conversation. Memory work.

3 and 4. PROSE AND DRAMA. *Three hours a week thruout the year.* Books such as "A Trip Through South America," "Spanish American Reader," "Galdos' Dona Perfecta," read. Study of one or two modern dramas. Papers on work read and given subjects. Drill in modern idioms. Cervantes' Don Quijote de la Mancha or Sage's Gil Blas may be considered. Conversational exercises.

5. ADVANCED COURSE. *Three hours a week, first semester.* Prose and poetry. Study of some commercial reader. Newspapers and magazines read. Composition and conversation.

6. ADVANCED COURSE CONTINUED. *Three hours a week, second semester.* Literature, selections from various authors. Newspaper reading continued. Composition and conversation.

## COLLEGE OF LAW

### Calendar

1919

October 2, 3, 4—Registration and Examinations.

October 6—Instruction begins.

November 27—Thanksgiving vacation begins.

December 1—Second term begins.

December 24—Christmas vacation begins.

1920

January 4—Christmas vacation ends.

February 2—Third term begins.

April 5—Fourth term begins.

June 13—Baccalaureate Sunday.

June 16—Commencement Day.

The three years course of study of the College of Law of Willamette University covers all the branches of the law and is designed to give the student a general foundation and knowledge of fundamental principles and fit him for the active practice of the profession.

### Location

Salem has several important advantages for the student of Law. It is the Capital of the State of Oregon and the public institutions and offices are located here. The Supreme Court is almost constantly in session, and the arguments of the best counsel of the state, upon appealed cases, may be heard by students.

### Library

The Law Department of the Willamette University has exceptional library facilities, on account of its location directly across the street from the State Library, containing more than thirty thousand volumes of which the students have the use at all times and in which are found many of the documents of historic value and copies of the laws of every state in the United States, from the earliest colonial times. The decisions of the Appellate and Supreme Courts of all the states and decisions of the Federal Courts from lowest to

highest as well as the reported decisions from Great Britain, Canada and all the countries wherein the common law prevails, as well as many of the reports and codes of civil law countries, thus covering all sources of information concerning the history, administration and practice of the law are available. The Law Library also contains the pleadings and brief of all cases decided in the Supreme Court of Oregon, thus furnishing additional information as to the preparation of cases for trial in this state. It also contains a most up-to-date collection of text-books in every department of the law, by all the ablest text writers. In these and other respects both the law and reference libraries are equal if not superior to any other found on the Pacific Coast and furnish facility for the study of law found nowhere else.

### **Courts**

In addition to the Supreme Court of Oregon above referred to, the Circuit, County and District Courts are also represented and the student has ample opportunity to attend their proceedings, and supplement his newly acquired learning with observation of actual examples in the trial courts. The biennial session of the State Legislature is also a matter of interest to law students.

### **University**

The students of the Law College have the opportunity of engaging in the various student enterprises and activities in common with the students of the other departments. They may participate in the inter-university contests, both athletic and intellectual, and do, in fact, take a prominent place in the student affairs. They are able to register in the College of Liberal Arts for such supplementary work as they may need at part tuition rates. The social advantages of membership in the University are well worth attention. The moral and religious influence of the institution is especially good.

**Freshman Year**

Instructor	Subject	Time
Elmo S. White	Blackstone	First Term, Oct. 6 to Nov. 26
Ivan G. Martin	Contracts	Second Term, Dec. 1 to Jan. 29
Elmo S. White	Agency	Third Term, Feb. 2 to Mar. 30
Elmo S. White	Per. Property	Fourth Term, Apr. 2 to Mar. 26
W. E. Keyes	Crim. Law & Procedure	Two Terms, Dec. 2 to Mar. 26
Ivan G. Martin	D. Relations	Second Term, Dec. 5 to Jan. 31
Jas. G. Heltzel	Torts	Two Terms, Feb. 4 to May 22
Dean VanWinkle	Moot Court	Every Monday evening

**Junior Year**

Wm. H. Trindle	Real Prop.	First Term, Oct. 6 to Mar. 31
Roy F. Shields	Evidence	Two Terms, Oct. 8 to Jan. 31
Jas. G. Heltzel	Equity	Three Terms, Jan. 6 to May 21
W. E. Keyes	Bills & Notes	First Term, Oct. 7 to Dec. 26
Jno. H. Carson	Partnerships	Two Terms, Feb. 4 to May 22
Jno. H. Carson	Corporations	Fourth Term, Apr. - to May 20
Dean VanWinkle	Moot Court	Every Monday Evening

**Senior Year**

Geo. G. Bingham	Pleadings & Probate	Three Terms, Oct. 6 to Apr. 1
Wm. H. Trindle	Internat. and Const'l Law	Two Terms, Feb. 4 to May 22
Roy F. Shields	Code	Four Terms, Oct. 7 to May 21
John Bayne	Fed. Ct. Prac. & Bankrup'y	Two Terms, Oct. 8 to Jan. 31
Dean VanWinkle	Moot Court	Every Monday Evening

**Requirements for Admission**

Application for admission to the Freshman class must be at least eighteen years of age and must furnish certificates of good moral character. Graduates of high schools maintaining a standard four-year course of study, or educational institutions whose course is equivalent to such a high school course, are admitted without examination. Other applicants are required to pass satisfactory examination in the essential subjects of a four years' high school course. In special instances, persons whose educational qualifications are deficient may have the opportunity of making the necessary grades in the College of Liberal Arts during the time they are taking the Law Course.

**Course of Instruction**

The course of study covers a period of three years and terminates with the degree of Bachelor of Laws (LL.B.). The course is so designed as to impart a sound and thoro

legal education and to qualify the student to practice in any of the State Courts in the United States or the Federal Courts. The method of instruction is a combination of the text-book, the lecture, and case system with practical experience in briefing and pleading. Attention is especially called to the extensive course on Code and Practice Work, covering two periods a week thruout the entire school year.

Compulsory attendance upon and participation in the practice work of the Moot Court conducted one evening each week, is in addition to the above schedule. Actual cases are tried according to the practice of the State Circuit Courts.

For additional information and special Law College Bulletin, address Willamette University, Salem, Oregon, or I. H. Van Winkle, Dean, Supreme Court Building, Salem, Oregon.

## THE SCHOOL OF MUSIC

The University has long recognized the educational value of music and its influence for the betterment of humanity and has, therefore, well succeeded in making this department of high standing and excellence. Its purpose is to afford students a careful and thoro technical training in music and to develop an artistic appreciation of the best compositions.

The School occupies a building devoted to its own uses which contains studios for teaching and practice rooms that are complete in arrangement and equipment. Among the special advantages, students of music will really realize that their work may be pursued with greatest profit in a city affording such opportunities as are to be found in Salem. As the prosperous capital city of the state its concerts, lectures and social refinements strongly conduce to the attainment of artistic ability. At the same time the student has the opportunity to take courses in literature, science and language in the University while his participation in the student activities is both agreeable and helpful.

The definite aim of the department is two-fold: 1. To provide a thoro training for students who intend to follow the profession of music as teachers and composers. 2. To offer a course of technical study to those who wish to devote themselves to musical criticism and literature, and for the cultivation of musical taste. The work is similar to that given in the best schools of music, and includes the following courses: Preparatory, Teachers', Graduate and Public School Music.

The time required for the completion of any course of study depends on the previous preparation, ability, application and character of the work of the student. Upon completing the Teachers' Course, the student will be granted a certificate. Upon completing the Graduate or the Public School Music Course, he will receive a diploma. The latter course may require a longer period for students who have had no previous preparation.

**COURSES OF INSTRUCTION.** Pianoforte playing, Organ playing and Choir directing; Violin, Viola and Violin-

cello playing; Classes in Ensemble playing, Piano, Stringed Instruments, etc.; Vocal instruction, Interpretation and Artistic Finish; Public School Music and instruction in grade work; Theory and Music History which includes Harmony, Counterpoint, Composition, Analysis of Form, Instrumentation and Terminology; Appreciation of Music, by lectures illustrated by the organ, piano and voice.

**PRIVATE LESSONS.** The department desires students of talent and industry. The instructors wish to offer that personal attention and instruction necessary for the instruction of each individual.

**CHORUS WORK.** A festival chorus is organized annually for the purpose of studying and singing the oratorios, cantatas and operas suitable for concert presentation. Students will be given opportunity to sing solo parts in such concerts when they are capable of performing the work satisfactorily. This will be of especial advantage to those who expect to enter professional work. Students are also eligible to membership in an excellent choir organization.

**GLEE CLUBS.** The University maintains a glee club for men and a glee club for young women. These clubs will give concerts in Salem and vicinity and when satisfactory arrangements can be made, in towns and cities of the adjacent states.

**PIPE ORGAN.** A large two manual pipe organ, operated electrically, is in Waller Chapel and is used for the daily chapel service, for recitals, instruction and practice.

## Outline of Courses

### PIANO.

**PREPARATORY COURSE.** Piano, two lessons each week for one to three years.

Sight Reading and Harmony, two lessons each week for four semesters.

Choir and Choir Practice, thruout the course.

Practice, three to four hours daily thruout the course.

Appearance on programs and attendance at recitals.

TEACHERS' COURSE. One year in addition to the Preparatory Course.

Piano, two lessons each week for the year.

Harmony, two lessons each week for the year.

Counterpoint, two lessons each week for the year.

Harmonic Analysis, two semesters.

Composition, one lesson each week for the year.

History of Music, one lesson each week for the year.

Sight Reading in piano work, Chorus Practice in singing work.

Appreciation of Music, combined with History of Music.

Practice, three to four hours each day for the year.

Appearances on programs and attendance at recitals.

GRADUATE COURSE. One year in addition to the Teachers' Course.

Piano, two lessons each week for the year.

Harmony, two lessons each week for the year.

Counterpoint, two lessons each week for the year.

Composition, one lesson each week for the year.

History and Appreciation of Music, one hour each week for the year.

Choir and Choir Practice, thruout the year.

Practice, three to four hours each day for the year.

Appearances on programs and attendance at recitals.

PUBLIC SCHOOL MUSIC.

*First year.*

Voice, two lessons each week for the year.

Piano, one lesson each week for the year.

Harmony, two lessons each week for the year.

Public School Music, two lessons each week for the year.

Chorus, the entire year.

Practice two to three hours daily.

Practice Sight Singing half hour daily.

*Second Year.*

Voice, two lessons each week for the year.

Piano, one lesson each week for the year.

Harmony, two lessons each week for the year.

Counterpoint, two lessons each week for the year.

Public School Music, two lessons each week for the year.

Conducting Sight Singing Class, two lessons each week for the year.

History and Appreciation of Music, one hour each week for the year.

Chorus, the entire year.

Practice two to three hours daily.

Practice Sight Singing one-half hour daily.

#### VOICE.

The same course and the same number of hours will be required in Voice as in Piano, except that the practice will be limited to from one to three hours a day. In addition, the student will take work in German and French, or Italian, and lessons in deep breathing and physical culture.

#### VIOLIN, VIOLA AND 'CELLO.

The courses in Violin, Viola and 'Cello have the same requirements as to the number of hours and the theoretical work as in the Piano Courses. In place of the Chorus, orchestra and ensemble practice will be required.

### Outline of Courses for Professional Musicians

The following courses are suggested outlines and are recommended to students who wish an extension and thoro musical training.

#### Freshman Year

Voice	Piano	Organ	Violin
Voice 2	Piano 2	Organ 2	Violin 2
Piano 1	Voice 1	Piano 1	Piano 1
V'lin or Cello 1	V'lin or Cello 1	V'lin or Cello 1	Voice 1
Harmony 2	Harmony 2	Harmony 2	Harmony 2
Italian 2	Italian 2	Italian 2	Italian 2
Sight R'ding 2	Sight R'ding 2	Sight R'ding 2	Sight R'ding 2
English 3	English 3	English 3	English 3
Chorus 3	Chorus 3	Chorus 3	Chorus 1

#### Sophomore Year

Voice	Piano	Organ	Violin
Voice 2	Piano 2	Organ 2	Violin 2
Piano 1	Voice 1	Piano 1	Piano 1
V'lin or Cello 1	V'lin or Cello 1	V'lin or Cello 1	Voice 1
Harmony 2	Harmony 2	Harmony 2	Harmony 2
French 4	French 4	French 4	French 4
Sight R'ding 2	Sight R'ding 2	Sight R'ding 2	Sight R'ding 2
Chorus 2	Chorus 2	Chorus 2	Chorus 2
English 2	English 2	English 2	English 2
Hist. Mus. 2	Hist. Mus. 2	Hist. Mus. 2	Hist. Mus. 2

**Junior Year**

Voice 2	Piano 2	Organ 2	Violin 2
Piano 1	Voice 1	Piano 1	Piano 1
Counterp't 2	Counterp't 2	Counterp't 2	Counterp't 2
French 3	French 3	French 3	French 3
Sight R'ding 2	Sight R'ding 2	Sight R'ding 2	Sight R'ding 2
Chorus 1	Chorus 1	Chorus 1	Chorus 1
Psychology 2	Psychology 2	Psychology 2	Psychology 2
Hist. Mus. 2	Hist. Mus. 2	Hist. Mus. 2	Hist. Mus. 2
Theory Mus. 2	Theory Mus. 2	Theory Mus. 2	Theory Mus. 2

**Senior Year**

Voice 2	Piano 2	Organ 2	Violin 2
Piano 1	Voice 1	Piano 1	Piano 1
Fr. or Germ.	Fr. or Germ.	Fr. or Germ.	Fr. or Germ
Pub. S. Mus. 2	Pub. S. Mus. 2	Pub. S. Mus. 2	Ensemble 2
Sight R'ding 2	Sight R'ding 2	Sight R'ding 2	Sight R'ding 2
Chorus 1	Chorus 1	Chorus 1	Chorus 1
Gen. Lit. 2	Gen. Lit. 2	Gen. Lit. 2	Gen. Lit. 2
Biog. Mus. 2	Biog. Mus. 2	Biog. Mus. 2	Biog. Mus. 2
Theory Mus. 2	Theory Mus. 2	Theory Mus. 2	Theory Mus. 2

During the second semester of the Senior year Instrumentation (2 hrs.) takes the place of Theory of Music in all courses. In the Piano course Ensemble (2 hrs.) is substituted for Voice and in the Organ course it is substituted for Sight Reading. Except for these changes, the second semester is the same as the first in all of the four years. Figures denote the number of weekly class exercises.

Voice, Piano, Organ, Violin and 'Cello are taught in classes of three and meet for one hour. All other subjects are taught in full classes. Students may secure advanced standing by examination. The tuition per semester for any course as outlined is \$70.00.

**Credits for Music**

Of the one hundred and twenty hours required for the A. B. degree a maximum of fourteen credits is allowed for work in music of a theoretical character, including History of Music. A credit of one-half hour a semester will be allowed for work in the University Festival Chorus for the year 1919-1920.

**Fees**

PIANO AND VOICE.

Private lessons, two each week, per semester.....	\$35.00
Private lessons, one each week, per semester.....	18.00
Private lessons, less than a semester, per lesson.....	1.20
(Lessons given by Dr. Sites 25 per cent additional.)	

## VIOLIN, VIOLA.

Private lessons, two each week, a semester.....	\$45.00
Private lessons, one each week, a semester.....	25.00
Private lessons, less than a semester, a lesson.....	1.50

## PIPE ORGAN.

Private lessons, two each week, per semester.....	\$45.00
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(This charge includes the use of the pipe organ for five hours practice per week.)

Private lessons, one each week, per semester.....	30.00
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## HISTORY, HARMONY, COUNTERPOINT.

Two lessons each week, per semester .....	\$10.00
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Public School Music Methods, two lessons each week, per semester .....	10.00
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## GLEE CLUBS AND CHORUS.

Instruction .....	Free
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## RENTAL OF INSTRUMENTS.

Piano, two hours each day, per semester.....	\$6.00
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Piano, one hour each day, per semester.....	4.00
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Pipe organ, with power, each hour practice.....	.25
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NOTE.—No refund will be made for absence from lessons or for discontinuance *except in cases of severe personal illness*; but in case of such unavoidable absence the work may be made up by appointment before the close of the semester.

For further information, please write to the Director, Dr. John R. Sites, Salem, Oregon.

## GENERAL INFORMATION

**RELIGIOUS LIFE.** The University was founded, and is maintained, by those who believe that education should include Christian culture. It seeks to develop scholarship and, at the same time, to promote high Christian character. A daily chapel service is held in Waller Hall at which all students are required to be present, and persons not fully approving this requirement are requested not to matriculate. The students have Christian Associations for both sexes, a Mission Study class, several Bible Study classes, an Association of Student Volunteers, and many of them are active in the work of the local churches. The interest of the professors in the personal life of the students and in the various Christian organizations is directed toward securing proper individual self-government. The influence of the University in not sectarian and students of all denominations, or of no church affiliation, are equally welcomed to the privileges of the school. Salem is well provided with churches, the pastors of which actively co-operate with the University. Every student is expected to attend the church of his choice at least once a Sunday. Special religious services are held each year for the definite purpose of emphasizing the personal Christian life.

**REGULATIONS.** The University endeavors to maintain a high standard of conduct for the good of all students. In directing the student life, appeal is made to reason and conscience; and principles of Christian honor and courtesy are emphasized. The regulations are such as everywhere govern the conduct of ladies and gentlemen of high ideals and serious purposes. The student is required to abstain from the use of intoxicants and cigarettes at all times, and of tobacco in any form on the campus. Undue attendance at social functions or forms of amusement is discouraged. The University wishes to devote itself to students who are earnest and not triflers, who are of high morals and not idlers. Students who waste their time and themselves are not desired. Matriculation presupposes a full willingness to conform to the usages and spirit of the institution. The University reserves the right to dismiss, at any time, a student who is not in sympathy with the ideals and methods of the institution.

**SELF SUPPORT.** The lack of money alone need not prevent young persons of energy and persistence from obtaining a college education. Many earn money during leisure hours and vacations which enables them to complete the course free of debt. Some of the best graduates have thus put themselves thru the University and are now in positions of power. Salem offers opportunities for self support to nearly all who are upon their own resources, but usually work cannot be engaged before the student is on the ground. The University and Christian Associations do all they can to aid students to find work. However, it is often better to graduate with a small debt which may be paid in a year or two thereafter, than to attempt to work one's way thru the whole course under an undue strain.

### **Board and Room**

**LAUSANNE HALL.** This building was named for the ship which carried the missionaries to Oregon in 1839. It provides a home-like and pleasant dormitory for young women, accommodating about thirty-five. Applications for rooms should be made early, as they are considered in the order in which they are received. A deposit of \$5.00 is required at the time a reservation is made and may be applied toward the payment of the Hall bills. Board, room, heat and light are provided at a cost of \$5.00 and \$5.50 a week, depending on the room desired. Payment of \$40.00 on board and room accounts must be made at the beginning of each semester, and the remainder at the middle of the semester. No reduction is made for an absence of less than a week, nor for absence the first or last week of the semester.

When a reduction is made it will apply only to the board, unless the room is taken by another student coming into the Hall.

**BOARDING CLUBS.** A co-operative club has kitchen and dining room in the basement of Science Hall. The board is satisfactory and at a cost of about \$3.50 a week. Other co-operative boarding and rooming clubs are conducted elsewhere at a war time expense ranging from \$4.00 to \$6.00 a week for both room and board.

## Gifts of the Year

In addition to numerous gifts toward the fund for the erection of a women's dormitory and the war emergency fund, the University gratefully acknowledges gifts for repairing and furnishing the chapel in Waller Hall and for repairing the gymnasium. The Greater Willamette Club placed a cement walk on the campus connecting Waller Hall and State Street. Gifts from many persons for erecting a student building and for a new Lausanne Hall are acknowledged.

**BOARD OF EDUCATION LOANS.** The Board of Education of the Methodist Episcopal Church controls a fund for the purpose of aiding students who are of that church. It is loaned upon the recommendation of the University and under conditions which are not burdensome.

**THE BOOTH FUND.** Hon. R. A. Booth, of Eugene, Oregon, has placed in the hand of a special trustee the sum of \$1000 to be loaned to properly recommended students. These loans which are for a short term, have been of great assistance to many who otherwise would have been obliged to discontinue school. Another friend has placed \$400 with the President to aid needy students.

**HOME SCHOLARSHIPS.** The Oregon Children's Aid Society has made the University the trustee to administer a fund of approximately \$8000, the interest from which is to be used in educating orphans and half-orphans of the State of Oregon who are students of the College of Liberal Arts in Willamette University, and who maintain a standard of scholarship that is above the average. These scholarships amount to \$100 each.

**HIGH SCHOOL SCHOLARSHIPS.** The University offers a Freshman Scholarship to a certain number of the standard high schools of Oregon. These scholarships are worth \$40 a year. For full information, write to the Dean of the University.

**ELIGIBILITY.** In the interest of the individual student and for the purpose of distributing responsibilities and honors no student may hold more than one important office during a semester.

No student marked failed the preceding semester is eligible to office except by special action of the Faculty. Only

students doing satisfactory class work and those whose conduct is commendable are eligible to election to any office. Such standards of work and conduct must be maintained thruout the tenure of office.

To participate in any inter-collegiate or inter-society contest or represent the college or any class in any public way, a student must be regularly registered and be doing satisfactory work in a minimum of twelve hours of college work. A student below passing grade in any course for which he has registered is debarred from participation in any such contest or representation.

### **Addresses, Concerts, and Entertainments**

The location of the University in a city of the character of Salem affords persons an opportunity to hear a large number of different speakers in the discussion of themes of intellectual value. Salem is also visited by singers and entertainers of the highest reputation. Men and women of national reputation are secured from time to time for the daily chapel exercises.

### **Senior Scholars**

At commencement a limited number of departments may appoint, with the approval of the dean, certain Juniors, majoring in their departments, as Senior Scholars for the next college year. The basis of choice for this honor shall be scholastic standing and fitness to profit by the appointment. Senior Scholars will be given opportunity, under the direction of their instructors to make a special study of teaching methods, to examine and to criticise papers and notebooks, to assist in laboratory work, and occasionally, to do practice teaching in sub-Freshman classes. Credits will be given according to the character and the amount of work done. In no case, however, will it exceed six hours credit for the year. While a professor may not appoint more than one such scholar he may, at his discretion, give opportunity to one or two other Seniors, majoring in his department, to do similar work and to receive similar credit, without designation as Senior Scholars.

The Senior Scholars for 1918-1919 are: History, Elizabeth Briggs; Chemistry, Glenna Teeters; Latin, Mary Parounagian; English, Helen Goltra; Biology, Vesta Mulligan.

### Prizes

**KEYES PRIZES.** Hon. Walter E. Keyes, of Salem, offers two prizes of \$15 and \$10 to those who win first and second honors in oratory.

These prizes were won this year by Miss Florence M. Shirley of Salem, Ore., and Mr. Thomas Acheson of Salem, Ore.

**ALUMNI PRIZES.** The Alumni Association offers two prizes of \$10 each to the students who do the best work in Latin and in Constitutional History.

These prizes were won in 1918 by Miss Grace Bagley of Portland, Ore., and by Miss Mary E. Eyre of Salem, Ore., in Constitutional History.

**STEEVES PRIZES.** Dr. B. L. Steeves, of Salem, offers prizes of \$10 and \$5 to the winners of first and second place in debates.

These prizes were won this year by Mr. Horace G. Rahskopf of Marshfield, Ore., and Mr. John Medler of Wasco, Ore.

**UNIVERSITY PRIZES.** The University offers the following prizes to winners in any University contest in Public Speaking, to be applied, except when won by Seniors in their last semester, on any semester following the one in which the contest takes place:

1. One-half semester's bill to the winner in a local contest.
2. One semester's bill to the winner in an inter-collegiate contest.
3. Two semesters' bill to the winner in an inter-state contest.

(A winning team in debate will divide the University prize.)

Last year the prizes for winning both state and inter-state Intercollegiate Prohibition Oratorical Contests were awarded Miss Margaret Garrison of Salem, Ore. This year the winners of the University prizes are as follows:

Miss Florence Shirley, Salem, Ore.; Mr. H. G. Rahskopf of Marshfield, Ore.; Mr. John Medler of Wasco, Ore.; Mr. Leslie Fislar of Salem, Ore., and Miss Ina Moore, Seaside, Ore.

**ALBERT PRIZE.** Mr. Jos. H. Albert, of Salem, awards \$25 to the student having a record for faithful study and a scholarship not below the average, who, during the school year, opportunities considered has made the greatest progress toward the ideal in (1) Character, (2) Service, and (3) Wholesome Influence. The award will be made in the following manner: The Faculty, thirty days before Commencement, shall nominate three students for the honor and the Student Body two weeks before Commencement shall select one of the three by secret ballot. No person may receive this prize more than once.

This prize was awarded last year to Miss Myrtle Mason, Boise, Ida.

**HOLLINGSWORTH PRIZE.** Mr. and Mrs. Carl J. Hollingsworth of Portland, on behalf of the Alumni Association, offer an annual prize of \$10.00 to be awarded on Commencement Day to the member of the graduating class who has earned the highest general scholastic average during the Senior year.

### **Student Organizations**

**THE STUDENT BODY.** This is an organization of all the students in the University. It is under the supervision of the President and Faculty and has control of general student affairs; such as athletics, the business management of the Collegian, inter-collegiate debates, oratorical contests, etc. The Student Body fee of \$2.50 per semester, payable at the time of registration, constitutes a fund for the expenses of these various activities.

**CHRISTIAN ASSOCIATIONS.** The Young Men's and the Young Women's Christian Associations hold weekly meetings and otherwise contribute to the Christian work of the University. They give special attention to the new students, meeting them at the trains, helping them to locate, and making every effort to have them feel at home in Salem.

**GIRLS' WILLAMETTE CLUB.** This is an organization of the young women for the promotion of worthy standards

of conduct in all college activities, athletic, literary, and social; and for commemorating Jason Lee.

**ORATORICAL ASSOCIATION.** In connection with the Inter-Collegiate Association, this organization conducts the local oratorical contests and otherwise promotes interest in public speaking.

**STUDENT VOLUNTEER BAND.** Young people of the University who plan for work in the foreign field meet weekly for the purposes of studying the questions in their proposed vocation and to enlist further interest in the subject of foreign missions. Annually a number of the volunteers attend some convention devoted to missions.

**WILLAMETTE INSTITUTE OF SCIENTIFIC RESEARCH.** This is an organization of both students and alumni having as its object original scientific research. The requirements for membership are high and only the more advanced students in science can gain entrance.

**LITERARY SOCIETIES.** Of these there are seven. The Philodorian, Adelante, Chrestomathean and the Palladians are for young women, and the Philodorian, Websterian and Chrestophilian are for the young men. They have pleasant and well-furnished halls, holding weekly meetings and afford excellent training in composition and public speaking.

**GLEE CLUB.** A limited number of young men, selected by the Director of the School of Music, meet at stated periods for vocal training and later give concerts in Salem and throughout this section of the country.

**LADIES' MUSICAL CLUB.** This organization is composed of young women who have vocal talent. The Club appears in recitals, gives programs in connection with the University and in nearby towns.

**RED CROSS AUXILIARY.** An auxiliary of the National Red Cross Society was organized upon the declaration of war, by the Faculty and students. Its purpose is to provide certain medical supplies for the army and otherwise serve to mitigate the sufferings due to the war.

**WAR SAVINGS SOCIETIES.** These are organizations formed in the different classes to promote the sale of National Thrift Stamps and War Savings Stamps.

## Publications

**UNIVERSITY BULLETIN.** This publication is issued quarterly and furnishes information concerning the University, its activities, development and plans. Extra numbers are occasionally published.

**COLLEGIAN.** The college paper appears weekly and represents the student life of the institution. The Editor and the Business Manager are elected by the Student Body. Subscription to the Collegian is included in the Student Body fee.

**WALLULAH.** Published by the Junior Class, this annual volume presents the various phases of college life from the viewpoint of the students.

**HAND BOOK.** The two Christian Associations publish this booklet yearly. It contains a miscellaneous amount of useful information concerning college organizations and activities.

## Needs of the University

The service which Willamette University has been enabled to render for three-fourths of a century, its exceptional location, its campus, buildings and equipment, its ideals and the service it is now rendering suggest that the institution is worthy of other gifts. It is now in urgent need of a women's dormitory and an assembly hall. In order to continue to do the best work, it should have a central heating plant, additions to the library fund and to the general endowment.

There are three ways to make gifts:

1. Make gifts outright for a particular purpose, or to be used as the Trustees think best.

2. Make gifts on the Annuity Plan. According to this plan, the donor transfers money to the University, and the Trustees legally execute to him an Annuity Bond insuring him a stated per cent on the sum yearly as long as he lives. At the donor's death, the interest ceases and the money remains with the school. The advantages of this plan are: (a) The donor pays no taxes on the money; (b) There are no fees or allowances paid to the executor or administrator; (c) The donor is freed from all care or anxiety; (d) The donor is enabled to become the executor of his estate during

his lifetime; (e) The gift begins its good service immediately. The plan is absolutely safe, the Annuity Bond being guaranteed by all the property of the University and the Board of Trustees.

3. Remember the University in your will, using the following form: I give and bequeath to the Board of Trustees of Willamette University, located in Salem, Oregon, the sum of \$..... to be used by said Board of Trustees for the uses and purposes of said Corporation. (*Or name some particular purpose.*)

### **Students Army Training Corps**

Under the Act of Congress, approved May 18, 1917, and known as the Selective Service Act, the President was authorized temporarily to increase the military establishment of the United States. In accordance with an Amendment of August 31, 1918 and General Order 79 of the War Department, dated August 24, 1918, the President directed the organization of the Students Army Training Corps, with units to be established in certain higher educational institutions.

The purpose of the Students Army Training Corps was to utilize the plant, equipment and organization of colleges for selecting and training officer-candidates and technical experts for service in the war.

Willamette University was designated as one of the schools to maintain a unit of this Corps. In anticipation of such designation, the University was authorized to send twenty students and one professor to the Presidio, San Francisco, July 18, 1918, for two months training, preparatory to their later service in the local unit. Following the armistice the unit was demobilized December 12, 1918. It is proper to record that every student in the University who was eligible for military service enlisted.

The officers detailed to Willamette University, named in the order of their assignment, were:

Edmond Register; Commandant, Sept. 25-Oct. 1; Second Lieutenant, U. S. A.

William A. Darden; Personnel Adjutant; Second Lieutenant, U. S. A.

- Harvey J. Clements; Contract Surgeon, U. S. A.  
 Gustavus P. Clerin; Instructor; Second Lieutenant, U. S. A.  
 Terry H. Holbertson; Instructor; Second Lieutenant,  
 U. S. A.  
 Orville N. Tyler; Commandant, Oct. 1-Oct. 30; Captain,  
 U. S. A.  
 George S. Young; Commandant, Oct. 30-Dec. 31; Colonel,  
 U. S. A.

## DEGREES CONFERRED

June, 1918

### DOCTOR OF DIVINITY—

Rev. Carl Gregg Doney (*In absentia*).....Salem, Oregon

### BACHELOR OF ARTS—

Adams, Wallace.....	Weiser, Idaho
Baker, Blanche.....	Hillyard, Washington
Beaver, Nellie Myrtle.....	Ashlanl, Oregon
Bird, Edith Bertha.....	Spokane, Washington
Bouhey, Mabel Alethea.....	Salem, Oregon
Bowers, Harry.....	Brownsville, Oregon
Brunk, Thos. Earl.....	Salem, Oregon
Cooley, Lola L.....	Hillsboro, Oregon
Cotton, Earl Bogart.....	Salem, Oregon
Eakin, Harold E.....	Salem, Oregon
Eyre, Mary Eleanor.....	Salem, Oregon
Fowle, Teresa.....	Salem, Oregon
Garrett, Mabel.....	Salem, Oregon
Garrison, Margaret.....	Salem, Oregon
Hammond, Wesley Haskins.....	Salem, Oregon
Harris, Averil Lucille.....	Salem, Oregon
Harrison, Evadne May.....	Portland, Oregon
Lawson, Ruth Margaret.....	Blanchard, Washington
Luthy, Marie.....	Salem, Oregon
Mark, Olive Anetta.....	Sheridan, Oregon
McKennon, Fannie.....	LaGrande, Oregon
McKinney, Mary Birdene.....	Turner, Oregon
Packenhams, Litha M.....	Boise, Idaho

Patchin, Nellie E.....	Salem, Oregon
Peringer, Charlotte Ruth.....	Bellingham, Washington
Reigelman, Evelyn Floy.....	Salem, Oregon
Perkins, Clara A.....	Portland, Oregon
Paulus, Otto Karl.....	Salem, Oregon
Shisler, Gertrude Cunningham.....	Harrisburg, Oregon
Slabaugh, Warren Burton.....	Wenatchee, Washington
Spiess, Gustavus Adolphus.....	Estacada, Oregon
Spoor, Ruth Helen.....	Salem, Oregon
Walker, Arlie G.....	Woodburn, Oregon

## BACHELOR OF LAWS—

Bayne, Kenneth.....	Salem, Oregon
Ellis, William P.....	Salem, Oregon
Hayden, Miller B.....	Salem, Oregon
Hicks, Tero M.....	Salem, Oregon
Hill, Dan B.....	Eugene, Oregon
Schramm, Alfred A.....	Salem, Oregon
Small, Brazier C.....	Turner, Oregon
Smith, Fred J.....	Salem, Oregon
Stricklin, Charles E.....	Salem, Oregon

## DIPLOMA IN MUSIC—

Benson, Louise Ruth.....	Salem, Oregon
Cox, Esther Pauline.....	Arlington, Oregon
Frickey, Vera Schaupp.....	Salem, Oregon
McCaddam, Lela Belle.....	Salem, Oregon
Van Winkle, Mrs. J. O.....	Jefferson, Oregon

## CERTIFICATES IN PUBLIC SCHOOL MUSIC—

Cox, Esther Pauline.....	Arlington, Oregon
Dunbar, Ailene B.....	Corvallis, Oregon
Luther, Muriel.....	Salem, Oregon
McCaddam, Lela Belle.....	Salem, Oregon
Tallman, Maurine.....	Silverton, Oregon
Wible, Margarete R.....	Grants Pass, Oregon

## REGISTER OF STUDENTS

### College of Liberal Arts

(Classified as of Oct. 1, 1918.)

#### POST GRADUATES—

Clark, R. Belknap (A. B. Willamette University, S. A. T. C., Camp McArthur, C. I. O. T. C.)	Monroe, Oregon
Bowers, Harry (A. B. Willamette University) (Medical Service)	Brownsville, Oregon
Crockett, Earl N. (A. B. Valparaiso University) (S. A. T. C.)	Portland, Oregon
Howard, Wiliam W. (A. B. University of the Pacific)	Portland, Oregon

#### SENIORS—

Arenz, Laura C.	Salem, Oregon
Bolin, Faye Janette	Salem, Oregon
Briggs, Elizabeth Jane	Weiser, Idaho
Gatke, Robert Moulton	Portland, Oregon
Johnson, Johanna Lelia Olive	Salem, Oregon
Mickey, May	Salem, Oregon
Moore, Helen	Eugene, Oregon
Mulligan, Vesta May	Salem, Oregon
Nichols, Gladys Esther	Newberg, Oregon
Nichols, C. Harold (Presidio, S. A. T. C., Camp McArthur, C. I. O. T. C.)	Newberg, Oregon
Parounagian, Mary N.	Salem, Oregon
Putnam, Mary O.	Salem, Oregon
Rose, Helen Lucretia	Emmett, Idaho
Sherwood, Grace Elizabeth	Salem, Oregon
Sparks, Lestle Jesse (Presidio)	Bandon, Oregon
Sterling, Carolyn Amy	Wenatchee, Washington
Stewart, Louis Francis (S. A. T. C., Camp McArthur, C. I. O. T. C.)	Athena, Oregon
St. Pierre, Lucile	Salem, Oregon
Sutherland, John William	Salem, Oregon
Tasker, Homer Gold (S. A. T. C.)	Portland, Oregon
Tebben, Charlotte	Portland, Oregon
Tebben, Elizabeth	Portland, Oregon
Teeters, Glenna Maude	Kellogg, Idaho

Wells, Fay Estella.....	Salem, Oregon
Yeend, Esther A.....	Walla Walla, Washington

## JUNIORS—

Austin, Leland (Aviation).....	Woodburn, Oregon
Bagley, Grace Cassety.....	Salem, Oregon
Baker, Velma.....	Hartline, Washington
Bartholomew, Lyle P. (Presidio).....	Salem, Oregon
Bear, Hazel Amy.....	Turner, Oregon
Benner, Joseph.....	Lebanon, Oregon
Bennett, Frank B. (S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Gooding, Idaho
Bowersox, LaVerne K. (S. A. T. C.).....	Wenatchee, Wash.
Campbell, Freda.....	Salem, Oregon
Cramer, Francis (Presidio, S. A. T. C.).....	LaGrande, Oregon
Dillard, Gertrude.....	Roseburg, Oregon
Dimick, Harold A. (Presidio, Camp Hancock, Lieut.) .....	Aurora, Oregon
Doney, Paul Herbert (Presidio, S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Salem, Oregon
Doughton, Millard (Presidio, Benson).....	Lebanon, Oregon
Findley, Mary Elizabeth.....	Salem, Oregon
Fislar, Leslie (S. A. T. C.).....	Philips, South Dakota
Gordon, Evelyn.....	Portland, Oregon
Knuths, Bernice.....	Brownsville, Oregon
Legge, Kenneth C. (Presidio, Camp Perry, S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Salem, Oregon
Martin, Rose.....	Myrtle Creek, Oregon
Morse, Bernard.....	Chelan, Washington
Ohling, Merrill (Medical Corps).....	Albany, Oregon
Olson, Oscar D. (Presidio, Ft. Stevens).....	Woodburn, Oregon
Parrett, Eva F.....	Newberg, Oregon
Rahskopf, Horace G. (S. A. T. C.).....	Marshfield, Oregon
Satchwell, Estelle.....	Shedd, Oregon
Savage, Dorothy Odell.....	Salem, Oregon
Smith, Myrtle A.....	Portland, Oregon
Spiess, Henry R. (Presidio, S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Estacada, Oregon
Story, Robert Clarke (Presidio, Camp Taylor, Lieut.) .....	Wolf Creek, Oregon
Wise, Vera.....	Granger, Washington

## SOPHOMORES—

Ausman, Glyde.....	Tangent, Oregon
Berg, Elizabeth.....	Fruitland, Idaho
Blake, Frederic C. (S. A. T. C.).....	Salem, Oregon
Chenoweth, Iris.....	Woodburn, Oregon
Croisan, Charlotte M.....	Salem, Oregon
Crozer, Gladys Mae.....	Salem, Oregon
Davies, Lawrence E. (S. A. T. C.).....	St. Helens, Oregon
Day, Paul L. (S. A. T. C.).....	Bremerton, Washington
Dunnette, Beatrice.....	Monmouth, Oregon
Eyre, Winifred.....	Salem, Oregon
Fisher, Robbin (S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Salem, Oregon
Flegel, Paul S. (Presidio, S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Portland, Oregon
Gilbert, Edna.....	Salem, Oregon
Gutschow, Marguerite A.....	Vancouver, Washington
Hickman, Gordon (S. A. T. C.).....	Salem, Oregon
Holt, George F., Jr.....	Salem, Oregon
Lawson, David J. (S. A. T. C.).....	Blanchard, Washington
Lawson, Mildred C.....	Spokane, Washington
Lippold, Elsie.....	Salem, Oregon
Love, Eva L.....	Portland, Oregon
Lyman, Keith A. (S. A. T. C.).....	Gresham, Oregon
Mason, M. Myrtle.....	Boise, Idaho
Medler, John Henry (S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Wasco, Oregon
Minton, Marjorie.....	Salem, Oregon
Moore, Ina.....	Seaside, Oregon
Mort, Howard W. (S. A. T. C.).....	Goldendale, Washington
McClure, Sybil C.....	Portland, Oregon
McCully, Evadne L.....	Joseph, Oregon
McKinney, Venita.....	Turner, Oregon
Packenham, Ann E.....	Boise, Idaho
Peringer, Fay J.....	Bellingham, Washington
Persons, Rhoda P.....	Salem, Oregon
Prescott, Gerald W. (S. A. T. C.).....	Salem, Oregon
Rarey, Raymond (Presidio).....	Tacoma, Washington
Rarey, Russell (Presidio, S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Tacoma, Washington

Satchwell, Helen L.....	Shedd, Oregon
Socolofsky, Edwin (Presidio, Lieut.).....	Salem, Oregon
Steeves, Muriel.....	Salem, Oregon
Steininger, Blanche.....	Flint, Michigan
Thomas, Ralph I. (S. A. T. C.).....	Wenatchee, Washington
Thompson, Joseph H. (S. A. T. C.).....	Union, Oregon
Treat, Helen A. ....	Salem, Oregon
Welch, Alice R.....	Salem, Oregon
Wells, Mildred.....	Portland, Oregon
Wible, Margarette R.....	Grants Pass, Oregon
Wilkinson, Floyd (S. A. T. C.).....	Salem, Oregon
Wise, Paul W. (S. A. T. C.).....	Granger, Washington
Wise, Ruth.....	Granger, Washington
Yannke, Genevieve.....	Salem, Oregon

## FRESHMEN—

Allen, Grace L.....	Salem, Oregon
Anderson, Lavinia J.....	Salem, Oregon
Anderson, Pearl.....	Seaside, Oregon
Annin, Vivien M.....	Myrtle Point, Oregon
Austin, Ruth M.....	Woodburn, Oregon
Baldwin, Edward Starr (S. A. T. C.).....	Yakima, Washington
Barnes, Ralph W. (Presidio, S. A. T. C., Camp Mc- Arthur, C. I. O. T. C.).....	Salem, Oregon
Bartholomew, Gladys I.....	Salem, Oregon
Barton, A. Raymond.....	Amity, Oregon
Basler, Loren H. (Navy).....	Bremerton, Washington
Bedford, S. Ruth.....	Salem, Oregon
Berger, Armin E.....	Salem, Oregon
Blatchford, Lorlei M.....	Scappoose, Oregon
Bohle, James H. (S. A. T. C.).....	Falls City, Oregon
Booth Carl V. (S. A. T. C.).....	Salem, Oregon
Brown, Marjorie W.....	Salem, Oregon
Brown, Mildred K.....	Outlook, Washington
Busch, Ruth.....	Salem, Oregon
Carson, Wallace P. (S. A. T. C.).....	Salem, Oregon
Carter, Gladys E.....	Myrtle Point, Oregon
Cervený, Philip F. (S. A. T. C.).....	Goldendale, Washington
Clarke, Mildred.....	Salem, Oregon
Coleman, Leon G. (S. A. T. C.).....	Kansas City, Missouri

Collins, Grace E.....	Portland, Oregon
Collins, Herbert A., Jr. (S. A. T. C.).....	Hagerman, Idaho
Collins, Lawrence L. (S. A. T. C.).....	Hagerman, Idaho
Compton, Eddy D.....	Salem, Oregon
Cook, Harold L. (S. A. T. C.).....	Salem, Oregon
Corner, Ivan H.....	Spokane, Washington
Dailey, Lawrence L. (S. A. T. C.).....	Healdsburg, California
Darby, Claude H. (S. A. T. C.).....	Salem, Oregon
Davies, Paul E. (Presidio, S. A. T. C.).....	Salem, Oregon
DeLong, Evelyn.....	Salem, Oregon
Dimick, Ramon E. (S. A. T. C.).....	Aurora, Oregon
Dissmore, Harold O. (S. A. T. C.).....	Amity, Oregon
Doughton, Ardys L.....	Lebanon, Oregon
Drake, Harold P.....	Myrtle Point, Oregon
Dunnette, Beatrice.....	Monmouth, Oregon
Dyer, Veva.....	Myrtle Creek, Oregon
Ellis, Helen.....	Grants Pass, Oregon
Emmel, Royal C. (S. A. T. C., Camp McArthur, C. I. O. T. C.).....	Sherwood, Oregon
Fanning, Irma E.....	Amity, Oregon
Fifield, Helen M.....	Grants Pass, Oregon
Findley, M. Bayard (S. A. T. C.).....	Salem, Oregon
Fislar, Harlan R. (S. A. T. C.).....	Philips, South Dakota
Flenner, Lyman W.....	Silverton, Oregon
Fletcher, Helen.....	Buell, Oregon
Gapuz, Bernardo B. (S. A. T. C.).....	Salem, Oregon
Geddes, Gerald G. (S. A. T. C.).....	Roseburg, Oregon
Gilbert, Elsie.....	Salem, Oregon
Gill, Mildred.....	Salem, Oregon
Gillette, Clare J.....	Woodburn, Oregon
Goodin, M. Margaret.....	Salem, Oregon
Gragg, Frances V.....	Salem, Oregon
Grounds, Joe.....	Coquille, Oregon
Hall, Irene M.....	Athena, Oregon
Harra, Garnet W. (S. A. T. C.).....	Salem, Oregon
Harwood, Carmen.....	Salem, Oregon
Hawley, Edith N.....	Woodburn, Oregon
Hickman, S. Maurice.....	Salem, Oregon
Hildebrand, Ray (S. A. T. C.).....	Salem, Oregon
Hill, O. Kenneth (S. A. T. C.).....	Goldendale, Washington

Hoffman, Harlan R. (S. A. T. C.)	Salem, Oregon
Holladay, John S. (S. A. T. C.)	Cottage Grove, Oregon
Holt, Lucy M.	Salem, Oregon
Hrubetz, Frances O.	Salem, Oregon
Hunt, Harlan A. (S. A. T. C.)	Salem, Oregon
Huston, Francis Edward (S. A. T. C.)	Canby, Oregon
Isham, E. Vivian	Grants Pass, Oregon
Jenkins, Bernice	Salem, Oregon
Johnson, Dan A. (S. A. T. C.)	Grandview, Washington
Jones, Areta V.	Gervais, Oregon
Jones, Earl (S. A. T. C.)	Richland, Washington
Jordan, Roy B. (S. A. T. C.)	Bickleton, Washington
Judd, Lester B. (S. A. T. C.)	Grandview, Washington
Juhnke, Frank F. (S. A. T. C.)	Portland, Oregon
Kelso, Waldo E. (S. A. T. C.)	Fruitvale, Washington
Kershner, Alta B.	Salem, Oregon
Lane, Zebbie H. (S. A. T. C.)	Portland, Oregon
Ledbetter, Ruby F.	Alicel, Oregon
Legge, W. Margaret	Salem, Oregon
Leitner, Bertha	Portland, Oregon
Lewis, George F. (A. E. F.)	Salem, Oregon
Linn, Julia E.	Kennewick, Washington
Lisle, Everett W.	Salem, Oregon
Lockwood, Donald	Portland, Oregon
Lucker, John L. Jr.	Salem, Oregon
Lyman, Harold D. (S. A. T. C.)	Gresham, Oregon
Maines, Clifford M. (S. A. T. C.)	Grandview, Washington
Marsters, Lyman (S. A. T. C.)	Halsey, Oregon
Martin, Esther	Sunnyside, Washington
Martin, Laura P.	Sunnyside, Washington
Miller, Orville Crowder	Salem, Oregon
Millie, Henry J. (S. A. T. C.)	Grandview, Washington
Mocroft, Ethel	Forest Grove, Oregon
Moodhe, Noble	Spokane, Washington
Moore, Herbert M. (S. A. T. C.)	Springfield, Oregon
Mowery, F. Wayne (S. A. T. C.)	Richland, Washington
McClelland, Charles R. (S. A. T. C.)	Salem, Oregon
McIntire, Floyd (Marines)	Salem, Oregon
McKinney, John Mark (S. A. T. C.)	—Centerville, Wash.
McKinnis, Faye	LaGrande, Oregon

McKittrick, Bryan (Navy).....	Wenatchee, Washington
Nickel, Jacob A. (S. A. T. C.).....	Dallas, Oregon
Nist, Cecil W. (Presidia, S. A. T. C.).....	Salem, Oregon
Niswonger, Ida J.....	Bend, Oregon
Notson, Mary E.....	Heppner, Oregon
Olson, Harold R. (S. A. T. C.).....	Woodburn, Oregon
Patty, William R. (S. A. T. C.).....	Amity, Oregon
Perrine, Lyle G. (S. A. T. C.).....	Salem, Oregon
Power, F. Kenneth.....	Salem, Oregon
Pratt, Fay.....	Wallowa, Oregon
Presley, Grace L.....	Salem, Oregon
Purdy, Geraldine.....	Salem, Oregon
Purvine, Lora N.....	Salem, Oregon
Rarey, Harry E. (S. A. T. C.).....	Tacoma, Washington
Rehbock, Ralph H. (S. A. T. C.).....	Sunnyside, Washington
Reynolds, Floyd P. (S. A. T. C.).....	Bend, Oregon
Rhorer, Alma G.....	Ridgefield, Washington
Rickli, Benjamin E. (Presidio, S. A. T. C., Camp Mc- Arthur, C. I. O. T. C.).....	Spring Garden, California
Riley, Thomas Franklin (S. A. T. C., Camp McArthur, C. I. O. T. S.).....	Goldendale, Washington
Roberts, Eva F.....	Cove, Oregon
Robison, Ruth.....	Amity, Oregon
Rose, Helen.....	Salem, Oregon
Ross, Arthur H.....	Salem, Oregon
Rotzien, Violet E.....	Salem, Oregon
Ruby, N. Leisla.....	Gresham, Oregon
Ruggless, Laura E.....	Vancouver, Washington
Rush, Eunice.....	Drain, Oregon
Sackett, Sheldon F.....	Sheridan, Oregon
Sanders, S. Josephine.....	North Powder, Oregon
Scholl, William.....	Foster, Oregon
Scott, D. Frederick.....	Mabton, Washington
Selleck, A. June.....	Sutherlin, Oregon
Sevy, B. Genevieve.....	Milton, Oregon
Shanafelt, Emma A.....	Salem, Oregon
Shaver, Helen L.....	Sutherlin, Oregon
Sherwood, J. Paul.....	Salem, Oregon
Sikes, Dorris L.....	Eugene, Oregon
Skeen, Roy L. (S. A. T. C.).....	Powell Butte, Oregon

Socolofsky, Walter A.....	Salem, Oregon
Springer, Leslie.....	Salem, Oregon
Stanford, Mabel V.....	Cashmere, Washington
Stevens, Mildred O.....	Hillyard, Washington
Stovall, William B. (S. A. T. C.).....	Philomath, Oregon
Strausz, Ralph O. (S. A. T. C.).....	Yakima, Washington
Sullens, Thomas N. (S. A. T. C.).....	Vale, Oregon
Taylor, Ruth H.....	Sunnyside, Washington
Treat, Lurena A.....	Salem, Oregon
Tucker, Lucille I.....	Salem, Oregon
Tyler, Grace M.....	Salem, Oregon
Viesko, Herman (S. A. T. C.).....	Salem, Oregon
Waltz, Lloyd B. (S. A. T. C.).....	Salem, Oregon
Warren, Albert W. (S. A. T. C.).....	Stayton, Oregon
Weaver, Robert F. (S. A. T. C.).....	Fort Bliss, Texas
Wilcox, Kenneth B.....	Yakima, Washington
Wilken, Hubert (S. A. T. C.).....	Portland, Oregon
Wilson, Gladys L.....	Salem, Oregon
Wright, Clarence E.....	Portland, Oregon
Zeller, Waldo C. (S. A. T. C.).....	Sunnyside, Washington

## SPECIALS—

Acheson, Thomas.....	Salem, Oregon
Allen, Robert J.....	Seattle, Washington
Anderson, Gustav A. (Aviation).....	Salem, Oregon
Bates, Alfred P.....	Salem, Oregon
Bates, Mrs. Minnie M.....	Salem, Oregon
Cooper, Harvey O.....	Salem, Oregon
Doney, Hugh A.....	Salem, Oregon
Garrett, Mildred.....	Salem, Oregon
Grant, Muriel O.....	Portland, Oregon
Hall, Sydney W.....	Salem, Oregon
Hammond, Percy M.....	Salem, Oregon
Humphreys, Grace K.....	Shaw, Oregon
Levy, Elizabeth.....	Salem, Oregon
Miller, Joseph W.....	Salem, Oregon
McLain, William Harvey.....	Scio, Oregon
Nicholl, William.....	Salem, Oregon
Ranton, Erwin G.....	Salem, Oregon
Ranton, Herbert John.....	Salem, Oregon

Royston, Fred Robert.....	Portland, Oregon
Saunders, Lucile Frances.....	Salem, Oregon
Schmalle, Raymond (S. A. T. C.).....	Salem, Oregon
Sterling, Paul.....	Wenatchee, Washington
Turnidge, Pearl.....	Salem, Oregon
Warrell, John William.....	Salem, Oregon
Wapato, Paul Grant.....	Okanogan, Washington
Weeks, Charles Philip.....	Salem, Oregon

### College of Law

Gapuz, Bernardo B.....	Salem, Oregon
Geddes, Gerald G.....	Roseburg, Oregon
Millie, Henry J.....	Grandview, Washington
Niemeyer, Charles W.....	Salem, Oregon
Purdy, H. Hope.....	Salem, Oregon
Sammons, Gordon W.....	Falls City, Oregon
Verney, Percy M.....	Salem, Oregon
Walker, Metta.....	Salem, Oregon
Wassam, Roy H.....	Newberg, Oregon

### School of Music

Abbreviations: V, Voice; P, Piano; O, Organ; H., Harmony; M-H, Musical History; P-S-M, Public School Music; Ce, Cello.

#### SENIORS—

McKinney, Venita.....V,P.....	Turner, Oregon
Shirley, Florence H...V,P,H,P-S-M.....	Salem, Oregon
Wible, Margarete R...V,P,H.....	Grants Pass, Oregon

Annin, Vivien M.....O.....	Myrtle Point, Oregon
Bennett, Mrs. W. H...V.....	Salem, Oregon
Billings, Agnes C.....V.....	Salem, Oregon
Blatchford, Lorlei M...V.....	Scappoose, Oregon
Bolin, Faye J.....V.....	Salem, Oregon
Bowers, Harry.....V.....	Brownsville, Oregon
Briggs, Loa E.....V,P,H,P-S-M.....	Heppner, Oregon
Brown, Mildred K...P.....	Outlook, Washington
Cooper, Mrs. Mayme...V,P,M-H.....	Salem, Oregon
Crozer, Gladys M...V.....	Salem, Oregon

DeLong, Evelyn H.	O	Salem, Oregon
Doughton, Ardys L.	P	Lebanon, Oregon
Elliott, Lucile	V	Spokane, Washington
Ellis, Helen	V,P,H,M-H	Grants Pass, Oregon
Findley, M. Bayard	V	Salem, Oregon
Findley, Louise	P	Salem, Oregon
Fletcher, Helen	P	Buell, Oregon
Gordon, Frances L.	V,P,H,M-H	Toppenish, Washington
Goulder, Alberta M.	V	Salem, Oregon
Hicks, Avery M.	Ce	Salem, Oregon
Isham, E. Vivian	V,P,H,M-H	Grants Pass, Oregon
Lippold, Elsie R.	P	Salem, Oregon
Lisle, Everett W.	V	Salem, Oregon
Lee, Henry	Ce	Salem, Oregon
Love, Eva L.	V	Portland, Oregon
Lucker, John T.	V	Salem, Oregon
Mickey, May	H	Salem, Oregon
Moore, Helen	H	Eugene, Oregon
McCully, Evadne L.	V	Joseph, Oregon
McKinney, Venita	V,P	Turner, Oregon
Parounagian, Esther	P	Salem, Oregon
Pratt, Fay	P,H	Wallowa, Oregon
Roberts, Eva F.	V,P,H,M-H	Cove, Oregon
Robinson, Opal B.	V	Salem, Oregon
Ross, Lucile	P,H	Salem, Oregon
Rowland, Nellie A.	P	Salem, Oregon
Shanafelt, Emma A.	P	Joseph, Oregon
Shirley, Florence H.	V,P,H,P-S-M	Salem, Oregon
Skeen, Roy L.	V	Powell Butte, Oregon
Socolofsky, Edwin	V	Salem, Oregon
Stanford, Mabel V.	P,H,M-H	Cashmere, Washington
Steeves, Muriel	P	Salem, Oregon
Sterling, Carolyn A.	O,Cornet	Wenatchee, Washington
Sterling, Paul J.	V,Clarinet	Wenatchee, Washington
Stewart, Louis F.	Ce	Athena, Oregon
Teeters, Glenna M.	V	Kellogg, Idaho
Tucker, Lucille I.	V	Salem, Oregon
Wible, Margarette R.	V,P,H	Grants Pass, Oregon

## Summary of Attendance

(October 1, 1918, to June 1, 1919.)

### COLLEGE OF LIBERAL ARTS—

Post Graduates .....	4	
Seniors .....	25	
Juniors .....	31	
Sophomores .....	49	
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