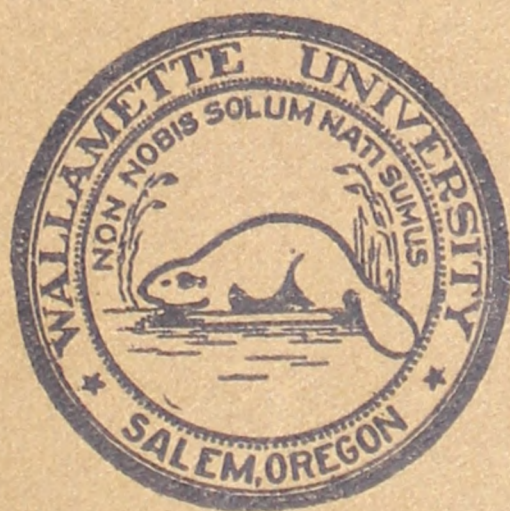


The
Willamette University
Bulletin



Catalog Edition
1918

Willamette University

[FOUNDED 1844]

INCLUDING

COLLEGE OF LIBERAL ARTS
COLLEGE OF LAW
SCHOOL OF MUSIC



ANNUAL CATALOG

ANNOUNCEMENTS 1918-1919

WILLAMETTE UNIVERSITY BULLETIN

VOL. XI

MAY, 1918

No. 2

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CALENDAR

1918

SEPTEMBER

S	M	T	W	T	F	S
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29	30					

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1919

JANUARY

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JUNE

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CALENDAR

1918

- Sept. 30-Oct. 2 Registration and Entrance Examinations.
September 30 2:30 p. m.—Freshman Classifying Examination in
English (See note page 37)
October 3 Instruction begins.
November 28-29 Thanksgiving Recess.
December 20 3:30 p. m.—Christmas Vacation begins.

1919

- January 2 8:00 a. m.—Instruction resumes.
February 3-7 Examinations of First Semester.
February 10 Registration Second Semester.
February 6 Day of Prayer for Colleges.
February 22 Washington's Birthday Address.
March 21 Freshman Glee.
May 2-3 May Festival, beginning May 2, 1:00 p. m.
May 17 8:00 p. m.—Inter-Society Oratorical Contest.
May 29 Annual Concert, School of Music
May 30 Memorial Day.
June 5 Examinations of Second Semester begin.

Commencement Week for College of Liberal Arts

- June 8 Baccalaureate Sermon.
Farewell Meeting of Christian Associations.
8:00 p. m. —Sermon to Christian Associations.
June 9 6:30 a. m. —Senior Breakfast.
8:00 p. m.—President's Reception.
June 10 Meeting of the Board of Trustees.
Class Day.
June 11 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
G. F. JOHNSON, Vice President	Portland
I. H. VAN WINKLE, Secretary	Salem
A. N. BUSH, Treasurer	Salem

Elected by the Board

	Term Expires
W. L. AIRHART, Portland, Oregon	1918
C. C. ANDERSON, 145 East Idaho Street, Boise, Idaho	1918
E. T. BARNES, Salem	1918
J. H. BOOTH, Roseburg	1918
P. J. BRIX, Astoria	1918
W. W. BROWN, Fife	1918
Mrs. A. N. BUSH, Salem	1918
JAMES CAMPBELL, Medford	1918
GEORGE L. CLEAVER, LA Grande	1918
E. S. COLLINS, Ostrander, Washington	1918
J. W. DAY, 874 Kerby Street, Portland	1918
M. C. FINDLEY, Salem	1918
A. F. FLEGEL, 909 Northwestern Bank Bldg., Portland	1918
T. B. FORD, Salem	1918
J. L. HARTMAN, 233 East Sixtieth Street, Portland	1918
R. J. HENDRICKS, Salem	1918
Bishop M. S. HUGHES, Portland	1918
THOMAS B. KAY, Salem	1918
A. A. LEE, Salem	1918
JAMES MOORE, Eugene	1918
Miss BERTHA MOORES, Portland	1918
M. C. REED, Ashland	1918
WALTON SKIPWORTH, Hillsboro	1918
B. L. STEEVES, Salem	1918
H. J. VON FOSSEN, Ashland	1918
PAUL B. WALLACE, Salem	1918
C. P. BISHOP, Salem	1919
A. M. SMITH, Yeon Building, Portland	1919
G. F. JOHNSON, Selling Building, Portland	1920
C. B. MOORES, 281 East Fifteenth Street North, Portland	1920
CARL G. DONEY, Salem	Ex-officio

Elected by the Alumni

I. H. VAN WINKLE, A. B. '98, LL. B. '01, Salem	1918
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	1918
W. W. YOUNGSON, Portland	1918
R. A. BOOTH, Eugene	1919
W. S. GORDON, Astoria	1919
HIRAM GOULD, Marshfield	1919
J. T. ABBETT, Portland	1920
R. E. DUNLAP, Forest Grove	1920
D. H. LEECH, Corvallis	1920
JOSHUA STANSFIELD, Portland	1920
W. H. ODELL, Portland	Emeritus

Elected by the Columbia River Conference

NATHAN EVANS, Wenatchee, Washington	1918
ROBERT BRUMBLAY, Spokane, Washington	1919

Elected by the Idaho Conference

F. D. McCULLY, Joseph	1919
C. H. PACKENHAM, Boise, Idaho	1920

Elected by the Pacific German Conference

A. J. WEIGLE, Edwall, Washington	1918
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Elected by the Danish-Norwegian Conference

C. J. LARSEN, Portland	1918
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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, June 11, 1918.

NOMINATIONS. A. M. Smith, Walton Skipworth, L. T. Reynolds, E. S. Collins, A. A. Lee.

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.

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.

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, W. L. Airhart, M. C. Reed.

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, Walton Skipworth, 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, N. Evans, W. S. Gordon.

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, R. J. Ginn, John Parsons, E. T. Barnes, Robert Brumblay.

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

A. N. MOORES, '76, Salem	President
Dr. FRANK BROWN, '98, Salem	First Vice President
LILA SWAFFORD MOSER, '05, Long Branch	Second Vice President
DAVID C. COOK, '16, Canton, China	Third Vice President
Mrs. RAY L. SMITH, '13, Portland	Secretary
Mrs. CHARLES BATES, '15, Salem	Treasurer
Mrs. F. H. THOMPSON, '10, Salem	Executive Member
Miss SYLVIA JONES, '06, Gervais	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. JAMES WITHYCOMBE	Governor of Oregon
Hon. THOMAS McBRIDE	Chief Justice Supreme Court
Hon. F. A. MOORE	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. WALLACE McCAMANT	Justice Supreme Court
Hon. G. C. MOSER	President of the Senate
Hon. ROBT. N. STANFIELD	Speaker House of Representatives

Conference Visitors

OREGON CONFERENCE

J. C. SPENCER	Roseburg
R. E. SMITH	Portland
T. M. WIRE	Grants Pass

COLUMBIA RIVER CONFERENCE

J. W. McDougall	Spokane, Wash.
H. C. KOHR	Cheney, Wash.

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—

*Absent in France on Army Y. M. C. A. work until summer, 1918.

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—

JOHN O. HALL, Ph. D.

University of Denver

University of Minnesota

Columbia University

Professor of Social Science 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—

FRANK WILBUR CHACE, Mus. D.

University of New York

Royal College of Music, London, Eng.

Associate American Guild of Organists

Director of School of Music and Professor of Pianoforte

Music 1915—

ERNEST C. RICHARDS, A. M.

Morningside College
Boston University
Secretary of Education 1916—

WILLIAM ARTHUR 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—

FLORENCE EDNA TWIDWELL

People's University
College of Puget Sound
National Training School
Dean of Women 1917—

EUGENE A. HANCOCK, A. M.

University of Washington
Harvard University
Assistant Professor of English 1917—

MRS. FRANK W. CHACE,

Chicago Musical College
Pupil of Keep, Rix, Saenger, Jannotta
Instructor in Voice 1915—

ALICE H. DODD

Three years research work in Egypt, India, Palestine, Greece
and Italy
Instructor in Art History 1915—

MRS. ALFRED A. SCHRAMM

Graduate Pillsbury Academy School of Music
Graduate Willamette University School of Music
Instructor in Piano 1917—

CHARLES SOUTH, Mus. B.

New England Conservatory of Music
Pupil of Oskar Stock, Vienna
Instructor in Violin and Viola 1917—

JESSIE GRANT PECK,

Ellsworth College
Assistant in Biology 1910—

College of Law

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

Willamette University
Judge of the Moot Court

A. A. HALL, Ph. B., LL.B.

Syracuse University
Willamette University
Instructor in Blackstone, Equity, and Secretary of the Faculty

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

JOHN BAYNE, LL. B.

Willamette University
Instructor in Federal Court Practice and Bankruptcy

GUY O. SMITH, 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

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.
FLORENCE E. TWIDWELL, Dean of Women.
FRANK W. CHACE, Director of the School of Music.
FLORIAN VON ESCHEN, Secretary of the Liberal Arts Faculty.
A. A. HALL, Secretary of the Law 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.

During this relatively long period, the University has sought to preserve the rich traditions and purposes of the founders. It has en-

dured 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, class rooms and the department of Physics. 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 student co-operative boarding clubs.

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 the 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, 4,000; 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 stu-

dents. The herbarium contains over 10,000 classified and accessible specimens.

CHEMICAL LABORATORY. Almost 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 in Science Hall with a good equipment offers a thoro 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 three rooms in Eaton 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. Several excellent instruments have been added to the department of surveying, including the Y-level and engineer's transit with solar attachment, etc., sufficient for a two years course in field work covering plane, mine, hydrography and railroad surveying.

THE COLLEGE OF LIBERAL ARTS

The completion of 120 semester 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.

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 requirements 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 Latin are required of those who major in the Letters group.

If one unit in a foreign language is offered, the student must continue the subject in the Freshman year. As an exception to this, unconditional credit will be given for one year of High School German.

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.
<i>Letters</i>	<i>Social Science</i>	<i>Natural Science</i>
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. All Juniors are required to take Ethics.

4. 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.

5. 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.

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

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

8. 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.

PREPARATION FOR BUSINESS AND THE PROFESSIONS.

The completion of a course leading to the Bachelor of Arts degree gives one intending to enter a profession or business a great advantage not only in special preparation, as requirements for admission to the best professional and technical schools indicate, but also in that it enables him to pursue methods in his life work which make possible greater efficiency. Further, by making a major in the line of his chosen vocation he may save time, in certain cases a year, in the professional school.

MEDICINE. Preparation for medicine may be secured thru courses in Biology, Chemistry, Zoology and Physics.

LAW. Salem offers unusual advantages to the student intending to enter this profession. Here are the Courts, the State Law Library,

the Willamette College of Law, etc. In the College of Liberal Arts he may elect a major in Social and Political Science and give special attention to History, English and Forensics.

THEOLOGY. The courses in Latin, Greek, Bible, Psychology, Philosophy, History of Religion and Missions, Psychology of Religion, Philosophy of Religion, and Social Science, which latter is given increasing recognition in theological schools, are especially helpful to those preparing for the ministry.

PUBLIC SERVICE, SOCIAL OR POLITICAL, AND BUSINESS ADMINISTRATION may be prepared for by a study of Economics, Finance, Taxation, Transportation, Sociology, Political Science, and certain legal subjects.

CHRISTIAN WORK may be prepared for by a study of Biblical Science, History of Religions, Philosophy of Religion, Evidences of Christianity, etc. Lately new courses have been offered, having special reference to the training of Sunday School teachers. In one of these courses the work is followed as outlined by the International Sunday School Association. Being offered at an evening hour it has been found particularly profitable by a large number of Sunday School workers from Salem and vicinity.

JOURNALISM A liberal foundation may be laid in the study of English, English Literature, Psychology, Logic, Ethics, Sociology, Political Science, and certain subjects in Law, Theology, and the courses in Newspaper Writing and Short-Story.

ENGINEERING. Algebra, Geometry, Trigonometry, Analytics, Calculus, Physics, Chemistry, etc., are fundamental to the broader achievement in this field.

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 requirement 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 Advisers 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 the 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," and should not number more than ten per cent of the class. The second group includes those whose standing is satisfactory, marked "S," and should not number more than fifty per cent of the class. The third group includes those whose standing is passing, marked

"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.

Music

The Department of Music affords opportunity to prepare for the teaching or supervising of music in the public schools.

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 CERTIFICATES 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 and 2	3.00
Mineralogy	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^{and} 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.

DESCRIPTION OF COURSES

Art History

The primary purpose of this department is to arouse an appreciation of the purpose and beauty of art in general, and to show the relationship between the art of the past and the art of today. For the year 1918-1919 the history of the art of Greece will be studied, beginning with the Archaic period and taking up Architecture, Sculpture and Painting.

1. ARCHAIC AND TRANSITIONAL PERIODS. *Two hours a week, first semester.*

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.

2. SPHERICAL AND PRACTICAL ASTRONOMY. *Two hours a week, second semester.* A more mathematical treatment. Prerequisites, Trigonometry and Elementary Physics.

Bible

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

The aim of the instruction in most of the courses in this department is to present the general principles of Biology thru a more or less detailed study of several important types, representative of each of the large phyla of the animal and vegetable kingdoms.

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 great 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.* This course takes up somewhat 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. Not given in 1918-1919.

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 continuation of the former. The work in 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. This considers 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 are considered in relation to secondary teaching.

NOTE.—In the above courses two hours of laboratory work count as one prepared recitation.

Chemistry

Every phase of life is filled with chemical action. The study of Chemistry is becoming more important every year because of the increasing demand for chemists, who have specialized in some one of its branches, and because of its constantly enlarging sphere of usefulness in agriculture, engineering, manufacturing, mining and medicine. It is also the basis for all advanced work in Biology, and is very closely connected with the every-day work of the household. Underneath this utilitarian value lies its value as a disciplinary study. The fol-

lowing courses are planned not only for prospective chemists, engineers, teachers, and professional students, but also for those who recognize chemistry as an important part of a liberal education and wish to pursue it as a means of general culture.

1A and 2A. GENERAL ADVANCED INORGANIC CHEMISTRY. *Three hours a week thruout the year.* Lectures, recitations and laboratory work. This course deals with the fundamental facts and principles of the science. Lectures are given and recitations required either upon the lectures or upon subjects assigned in the text-book. The laboratory work is arranged to illustrate and confirm 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.

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.

3 and 4. QUALITATIVE ANALYSIS. *Three hours a week thruout the year.* This course consists of a systematic study of the principal metals and acids and methods for detecting them in simple and complex mixtures. Lectures and laboratory work. A laboratory fee of \$5.00 per semester is required. Prerequisite, Courses 1A and 2A or 1B and 2B.

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.

7 and 8. ASSAYING. *Two hours a week thruout the year.* This course comprises 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.

9 and 10. ORGANIC CHEMISTRY. *Four 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. Not given in 1918-19.

11 and 12. SANITARY AND HOUSEHOLD CHEMISTRY. *Four 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.

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. To be taken only by those who have completed Courses 5 and 6. For advanced and graduate students. Time and hours to be arranged with the instructor.

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 those students who are taking or have completed Courses 15 and 16. Time and hours to be arranged with the instructor.

16. METHODS. *One hour a week, second semester.* The course includes 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 will be arranged whenever the demand is sufficient to justify giving such courses.

A deposit of \$5.00 is required in all courses in Chemistry as a break-age 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" will be used as a text. Copious readings from several supplementary books and the many important articles to be found in the magazines. The principle 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

Attention is called to the fact that courses in this department are of two classes. The first class deals with the principles of Economics, while the second class includes original research work in connection with County and State institutions.

NOTE.—Except Courses 1, 2 and 3, all courses in this department are for Graduates and approved Juniors and Seniors.

1. HISTORY OF ECONOMICS. *One hour a week, first semester.* This course treats of the development of "political economy" (or economics) from the time it began to be studied as a systematic body of principles down to the present day. Considerable time is given to the study of the commercial theories of the mercantilists and the physiocrats. Students in this course will be required to make a study of certain selections from Bohm-Bawerk, Carver, Clark, Davenport, Ely, Fetter, Fisher, Gide, Hobson, Johnson, Landry, Marshall, Macfarlane, Pantaleoni, Patten, Pierson, Schmoller, Schumpeter, Seager, Seligman, Smart, Taussig, Veblen, Wicksteed.

Course 1 is recommended in conjunction with Courses 2 and 3.

2 and 3. **ELEMENTS OF ECONOMICS.** *Three hours a week thruout the year.* The fundamental theories of Economics and some of their more important applications and exemplifications, such as money, banking, transportation, international trade, and monopoly problems. Lectures, recitations, and collateral readings. Fetter's "Economics" and "Source Book in Economics"; and Seligman's "Principles of Economics." The fundamental principles of money, credit, and banking, and their exemplification in modern currency and banking history, particularly that of the United States. Considerable attention is given to present day conditions and problems. White "Money and Banking" and Taussig "principles of Economics" (Second edition revised, 1915.) Recitations, lectures and assignments of special topics.

4. **PROBLEMS OF LABOR AND INDUSTRY.** *Three hours a week, first semester.* An analysis of the economic and social effects of modern methods of production; the rise of the trade union and the influence of collective bargaining; the organization of industry; scientific management, profit sharing, legal minimum wage, social insurance, and other modern movements to secure industrial efficiency and a more equitable distribution of wealth. Text Book: "Labor Problems" by Adams and Sumner. Lectures, collateral reading, special investigation and written reports.

5. **BUSINESS ORGANIZATION AND TRUSTS.** *Three hours a week, second semester.* General nature of business organizations, its evolution and forms; structure and life history of a typical business corporation. Also a series of lectures on the evolution of trusts and cartells in Germany and continental Europe supplemented by reports and collateral readings on trusts and pools in the United States. Text Books: "Business Organization and Combination" by Lewis H. Haney; "The Trust Problem" by J. W. Jenks; Ripley "Trusts, Pools and Corporations." This course should be preceded by Course 4.

6 and 7. **ECONOMICS AND THE WAR.** *One hour a week thruout the year.* This course offered at the request of the United States government, includes a study of the fundamentals of food and nutritions in relation to the war and a laboratory course in use and conservation of foods.

Education

NOTE.—All students who desire the University Teachers' Certificate will be required to pursue systematic courses in the Principles of Education and History of Education. 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 educational 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 point 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: Lock's Thoughts on Education; Rousseau's Emile; Spencer's Education; Huxley's Science and Education. Not given in 1918-1919.

4. PRINCIPLES OF EDUCATION. *Two hours a week, first semester.* A course 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 will receive due consideration. 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.* The purpose of 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, will be the chief points of attack. This course is designed 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.* A course 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 1918-1919.

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. The student is urged to take this examination at the hour set in the calendar, but if necessary he may arrange with the instructor for another hour. 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.* In addition to extensive written work the class during the first semester will make 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.* A study of the principles and methods of argumentation and debate, with practice in briefing and debate composition and in less formal argumentative prose. Not offered in 1918-1919.

6. PUBLIC DISCOURSE. *Two hours a week, second semester.* A course in the rhetoric of oratory and the lecture, with practice in composition. Not offered in 1918-1919.

7 and 8. VERSIFICATION. *One hour a week thruout the year.* A

course in the writing of verse, based upon a study of its form and structure. Some consideration will be 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, with some consideration of copy reading and 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.* A course in short-story writing, with a survey of the development of the short-story type and a study of present tendencies, and with some consideration of the requirements of magazines and of the 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 the 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. Carlyle, Ruskin, Arnold, Newman, Macaulay, with some attention to the scientific prose of the time. Not offered 1918-1919.

23 and 24. ANGLO-SAXON. *Three hours a week thruout the year.* Bright's Anglo-Saxon Reader. Survey of Anglo-Saxon literature. For Juniors and Seniors.

25. 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, and to his life and the political and social movements of his day. Primarily for Juniors and Seniors. Not offered 1918-1919.

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

27 and 28. CONTEMPORARY LITERATURE. *Two hours a week thruout the year.* First semester, the modern Drama in England and America. Second semester, present day writers of poetry and prose as Kipling, Hardy, Galsworthy, Masfield, 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 se-*

mester. 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. Light 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 may be 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 care will be taken that work varies from that of the preceding year.

Geology

2. GENERAL GEOLOGY. *Four hours a week, second semester*. This course aims to give 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 are 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 and 4. MINERALOGY, DESCRIPTIVE AND DETERMINATIVE. *One hour a week thruout the year*. 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 2, and Chemistry 1A and 2A or 1B and 2B. A laboratory fee of \$2.00 a semester is required.

5 and 6. ECONOMIC GEOLOGY. *One hour a week thruout the year.* 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 2, 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 Chiles' German Prose Composition or other texts. Works by Storm, Riehl or other writers of similar grade read, partly in class, partly 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 will be studied. 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 may be 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 for some reason or another. To students specializing in German this course is particularly recommended. The work will consist in 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 will be 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

The aim of this department is two-fold: First, to train the student in the formation of habits of accurate observation, careful thinking and exact expression; second, to enable him to read with understanding and appreciation the best in Greek Literature and to realize the influence that Hellenism has had in the civilization of the world.

From time to time courses will be given in epic, lyric and dramatic poetry, and in history, oratory and philosophy.

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 1918-1919.

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 1918-1919.

7. HOMER'S ILIAD AND ODYSSEY IN TRANSLATIONS. *Two hours a week, first semester.* Careful investigation 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. Verrall's *Greek Tragedy*. Not given in 1918-1919.

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.

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.

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; medieval culture.

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.

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.

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.

7. THE PROTESTANT REVOLUTION. *Two hours a week, first semester.* The Renaissance and the great religious reform movement of the Sixteenth century. Open to those who have had Courses 4 or 5, or an equivalent.

8. 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.

9 and 10. EUROPE IN THE NINETEENTH CENTURY. *Two hours a week thruout the year.* The Napoleonic Era and the growth of liberal political thought. The development of the conditions which gave rise to the greatest world conflict. Open to those who have had Courses 4 or 6, or an equivalent. Not given in 1918-1919

11. AMERICAN COLONIAL HISTORY. *Two hours a week, first semester.* The development of the colonies socially and politi-

cally 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.

Home Life

1 and 2. HOME LIFE. *One hour a week thruout the year.* The purpose of this course is to give students a practical general knowledge of the conduct and management of a home and family. This will include the planning and arrangement of a house; the expenditure of a minimum income; the foods which should be provided, and the care of a family in health and sickness.

There will be lectures also on social observances in the home, and in the homes of others; this will include so called "social service," or woman's civic responsibilities. Open to a limited number of young women, preference being given to Juniors and Seniors.

Latin

This department aims to give the student a good reading knowledge of Latin that he may study with profit and pleasure the masterpieces of Latin Literature. The department emphasizes the practical value of Latin in forming correct habits of observation and of reasoning, in developing the qualities of industry, diligence, and perseverance, and in enlarging and enriching one's command of English.

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.

1 and 2. CICERO-VERGIL. *Four hours a week thruout the year.* Six orations of Cicero will be studied and four to 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 of this course 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. Not given in 1918-1919.

9 and 10. TEACHERS' COURSE. *Two hours a week thruout the year.* Lectures, reports, and study of Methods. Examination of text-books.

Mathematics

The courses are designed for three classes of students: First, those who intend to enter professions in which mathematical knowledge and skill are an important instrument; second, those who study Mathematics as a part of a liberal education; third, those who intend to teach Mathematics in high school.

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.

Freshmen who are fond of Mathematics are sometimes deterred from the study because they have been long out of practice. Such students should not decide to drop mathematical study until they have consulted with the instructor. A little private review in factoring, radicals, and quadratic equations before the opening of the semester would be a great help.

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 ratio 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 thruout 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.

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. Also 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. Land surveying, leveling, plotting, computations. Several high-grade instruments belong to this department, including the Y-level and engineer's transit with solar

attachment, etc., sufficient for instruction in field work. Not given in 1919-1920.

10 and 11. MECHANICS. *Two hours a week thruout the year.* 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.

12 and 13. ADVANCED CALCULUS. *Three hours a week thruout the year.* A continuation of Courses 6 and 7. Infinite series, Taylor's theorem, surfaces, volumes, some applications to machanics, differential equations.

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 will serve as an introduction to the systematic study of Psychology. The course will begin 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. This course is required of Sophmores 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.* This course is intended for those students having a general interest in the more advanced conceptions of the mental processes. The course will be intensive as well as extensive. The psychological works of James, Munsterberg, Titchner, Yerkes, Sully and Spencer will be consulted. Open to Juniors, Seniors and Graduate Students. Not given 1918-1919.

6. INTRODUCTION TO PHILOSOPHY. *Three hours a week, first semester.* This study is to serve as an introduction to philosophical problems. The discussions will be freed as much as possible from technicalities, and no preliminary training in philosophical study will be necessary. The chief 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. The course includes a discussion of the ethical aim in education, both as to its importance and its proper direction. Much 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. The course will consist of a text-book study, discussions, and lectures. Not given 1918-1919.

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 will be required in connection with the course. Not given 1918-1919

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 of the classroom discussions 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 physical 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 is not secondary in this matter, for with our well-equipped Gymnasium and large athletic field we are prepared to supply the needs of each and every student. 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 ranks are debarred from inter-collegiate contests.

Special emphasis is placed on the development of those who most need systematic and directed exercise. The college plans outdoor and indoor work for the men and women. Regular teams in football, baseball, basketball, and in track and field athletics are maintained. Thru these, the reserves, and class teams a large number of students are given exercise under the direct supervision of the Director of Physical Education.

1. GYMNASIUM WORK. The object of this course is to teach students the correct form in exercising and breath-

ing, and that the best possible physique and health may be developed and maintained. Exercises are given in marching, dumbbells, Indian clubs, heavy apparatus, and various forms of calisthenics. Special attention is given to corrective gymnastics and posture. Ladies' and men's classes are arranged at hours most convenient. Two hours a week are required of all Freshmen and Sophmores not engaged in systematic athletic work on the field.

2. **FIRST-AID TO THE INJURED.** *One hour a week, first semester.* The aim of this course is to give all students a knowledge of what to do in case of injury either to themselves or to their fellows. Bandaging, cuts, bruises, sprains, and resuscitation, are a few of the many subjects that will be covered.

3. **MILITARY DRILL.** *Three hours a week.* Since the declaration of war, the young men have been organized into a company for military drill. The Director of Physical Education is a graduate of a military school and uses the United States military tactics. This will largely replace some of the usual forms of college athletics.

Physics

1 and 2. **MECHANICS, SOUND, AND HEAT.** *Four hours a week thruout the year.* Lectures, recitations and laboratory work. This is the first half of a course covering the entire subject. The purpose is to lay a foundation of general principles in view of further study through advanced courses and laboratory work, and to furnish a body of physical knowledge and an introduction to the scientific methods and spirit suited to the needs and aims of a liberal education. Entrance Physics is required. **ELECTRICITY, MAGNETISM, AND LIGHT.** Lectures, recitations and laboratory work. This course completes the general view of Physics which the first year's work is designed to give, and aims to furnish that acquaintance with electric, magnetic and optical phenomena and theory and with their practical applications, which is desirable for the liberally educated man, and necessary for the special student in science. Course 2 must be preceded by Course 1. A laboratory fee of \$3.00 a semester is charged for this course.

3. **METHODS.** *One hour a week, second semester.* Lectures, observation of actual teaching in high schools, discussion of text-books and laboratory courses, individual practice work in the laboratory

and in organizing and conducting laboratory work and in experimenting before the class.

Advanced courses in Mechanics, Heat, Light, Sound, Magnetism, and Electricity will be arranged for if desired by a sufficient number to justify the giving of the same.

Political Science

1. COMPARATIVE POLITICS. *Three hours a week, first semester.* A comparative study of the chief European governmental systems. An investigation of the principles and workings of the American system. Open to those who have had History 4, 6 or 12 or an equivalent.

2. INTERNATIONAL LAW. *Two hours a week, second semester.* The nature and history of International Law. The rules and regulations governing the conduct of nations in their relations with each other. Open, on approval, to students who have sufficient knowledge of modern European History.

Public Speaking

The study of Expression is no longer thought to be a superficial part of education, but it is recognized today by the best educators as fundamentally essential.

A man may have many college degrees, but if he has not the power to express what he knows, he is a failure. Along with his knowledge of books should be a knowledge of his real or inner self, and of his relations to his fellow men. It is the aim of this department to awaken in the student a knowledge of his own powers of expression, as a creative thinker and interpreter. Twenty hours are required of a student majoring in this department.

1 and 2. MIND, BODY, AND VOICE. *Three hours a week throughout the year.* This course is based upon the understanding that all expression has a mental cause which is revealed by means of the voice and body. It is a training in the basic principles of Expression. Voice culture, breathing, poise, gesture, pronunciation, articulation, modulation of tone, pantomimic expression, and their psychological relations are emphasized.

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, first semester.* Practical course to develop the power to think when upon the feet, and to secure a vocabulary of delivery as well as of words. The student receives practical exercises and studies to awaken a true ideal of oratory. This course is especially recommended to all students interested in oratorical contest work. Prerequisites, Courses 1 and 2, and English 6 (Public Discourse.)

6. ORATORY CONTINUED. *One hour a week, second semester.* Not offered in 1918-1919.

7. DEBATE AND EXTEMPORANEOUS SPEAKING. *One hour a week, first semester.* This course is the practical application of the principles of argumentation. Special attention is given to delivery, work on voice and the presentation of public debate. Extra credits allowed for intercollegiate debate work. Prerequisites, Courses 1 and 2 and English 5 (Argumentation).

8. DEBATE AND EXTEMPORANEOUS SPEAKING CONTINUED. *One hour a week, second semester.* Not offered in 1918-1919

9. METHODS. *Two hours a week, first semester.* A teachers' training class for teachers of Public Speaking, and for teachers of English who are required to teach expression, coach plays, debates, and orations, in high schools and colleges. Prerequisites, Courses 1 and 2.

10 and 11. VOCAL INTERPRETATION OF THE BIBLE. *One hour a week thruout the year.* A course for preachers, teachers, and Bible students, wherein the mind, body and voice are 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 are studied and interpreted vocally. The aim of this course is to reveal the beauties of the Bible when given the proper vocal interpretation. Public Recitals are given annually in this course. Prerequisites, Courses 1 and 2.

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

14. ADVANCED EXPRESSION. *Two hours a week, second semester.* Prerequisites, Courses 1 and 2, and 3 and 4.

15 and 16. 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.

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 1918-1919 selections from the Acts of the Apostles will be studied.

3. HISTORICAL GEOGRAPHY OF PALESTINE. *One hour a week, first semester.* The location, topography, and characteristics of those places which figure in the Bible narratives.

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."

5. OLD TESTAMENT HISTORY. *Two hours a week, first se-*

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

7 and 8. CHURCH HISTORY. *Three hours a week thruout the year.* The rise and development of the Christian Church from the Apostolic Age to the Reformation.

9 and 10. CHURCH HISTORY. *Three hours a week thruout the year.* From the Reformation to the present time. Not given in 1918-1919.

11. CHRISTIAN EVIDENCES. *Two hours a week, second semester.* A study of the fundamentals of Christianity and of the value of Christian experience. Not given in 1918-1919.

12 and 13. 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.

14. COMPARATIVE RELIGIONS. *Two hours a week, first semester.* A survey of the various non-biblical systems of religion and of their relation to Christianity.

15. THEISM. *Two hours a week, second semester.* A study of the philosophic basis of this great belief of humanity. Not given in 1918-1919.

16 and 17. 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. Not given in 1918-1919.

18 and 19. MISSIONS. *One hour a week thruout the year.* A study of the great missionary movements 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.

20. 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. Not given in 1918-1919.

21 and 22. 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 1918-1919.

23 and 24. 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.

25. HISTORY OF SOCIAL CHRISTIANITY. *Two hours a week, first semester.* A study of the influence of Christianity upon social progress thruout the Christain centuries. Not given in 1918-1919.

26. 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. Not given in 1918-1919.

Sociology

We call attention to the important fact that the courses in this department are of two classes.

The first class deals with the principles of Sociology; the second class includes original research work in connection with County and State institutions.

1. STATISTICS AND STATISTICAL METHODS. *Three hours a week thruout the year.* This course is *emphatically recommended* to all who wish to take work in Sociology or Economics. The object is to prepare students to use approved statistical methods discriminatingly in the analysis of economic and social problems. Uses and abuses of statistics are studied by means of problems drawn from general economics and from business. Causes and significance of recent advance in the appreciation of statistical facts will receive considerable attention. This course will include the theory as well as the graphic methods of statistics. Applied and Vital Statistics will be used in connection with original investigations in the State Institutions. Recitations and laboratory work.

2 and 3. ANTHROPOLOGY. *Two hours a week thruout the year.* This course considers the more general problems involved in Anthropology, such as the physical classification of races. The question of the psychic unity of mankind; the question of independent origin and convergence in development or the spread by divergence or historic contact of the cultural traits, the relation between languages, physical type, and culture, the more fundamental phases of primitive religion, social organization, family, economic conditions, and art. The distribution of tribes, and physical, linguistic, and cultural classification is studied, primarily in America, Africa, and Australia. Required texts: E. B. Tylor, "Anthropology" and "Primitive Culture"; R. R. Marett, "Anthropology." This is a concise introduction to Archaeology, Religion and Social Organization. Text-book, collateral reading, written reports, discussions.

4. and 5. PRINCIPLES OF SOCIOLOGY. *Three hours a week thruout the year.* For graduates and approved Juniors and Seniors. A study of social conditions. The relation of physical, biological, psychological, racial, and economic factors to population. The social mind and its reaction upon the individual mind. The laws of mob-mind, fashion, conventionality, custom, public opinion, leadership, and innovation. Interpretation of the organization and progress of contemporary society. Text-books: Blackmar and Gillin's "Outlines of Sociology", Franklin H. Giddings' "The Principles of Sociology," and E. C. Haye's "Introduction to the Study of Sociology." Recitations, topical assignments, written reports, research work.

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. Dictation, 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," or others read. Study of one or two modern dramas. Papers on work read or other 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

1918

October 3, 4, 5,—Registration and Examinations.
October 7—Instruction begins.
November 27—Thanksgiving vacation begins.
December 2—Second term begins.
December 21—Christmas vacation begins.

1919

January 6—Christmas vacation ends.
February 1—Third term begins.
April 1—Fourth term begins.
June 8—Baccalaureate Sunday.
June 11—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 exception-

al 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	Number Lectures	FIRST TERM	SECOND TERM	THIRD TERM	FOURTH TERM
A. A. HALL	<i>Blackstone</i>		Begins Oct. 7 6 days a week Ends Nov. 26			
A. A. HALL	<i>Contracts</i>			Begins Dec. 2 Mondays, Thursdays Ends Jan. 30		
A. A. HALL	<i>Agency</i>				Begins Feb. 3 Mondays, Thursdays Ends Mar. 31	
DON W. MILES	<i>Personel Property</i>					Begins April 1 Tuesdays, Fridays Ends May 23
W. E. KEYES	<i>Criminal Law and Procedure</i>			Begins Dec. 3 Tuesdays Fridays	Tuesdays Fridays Ends Mar. 28	
DON W. MILES	<i>Domestic Relations</i>			Begins Dec. 4 Wednesd'ys, Saturd'ys Ends Jan. 29		
DON W. MILES						Begins April 3 Mondays, Thursdays Ends May 22
JAS. G. HELT7EL	<i>Torts</i>				Begins Feb. 1 Wednesdays Saturdays Ends May 21	Wednesdays Saturdays Ends May 21
DEAN I. H. VAN WINKLE	<i>Moot Court</i>		Monday Evenings	Monday Evenings	Monday Evenings	Monday Evenings

JUNIOR YEAR

INSTRUCTOR	SUBJECT	Number Lectures	FIRST TERM	SECOND TERM	THIRD TERM	FOURTH TERM
WM. H. TRINDLE	<i>Real Property</i>		Begins Oct. 7 Mondays Thursdays	Mondays Thursdays Wednesdays Saturdays Ends Jan. 29	Mondays Thursdays Ends March 31	
ROY . F. SHIELDS	<i>Evidence</i>		Begins Oct 10 Wednesdays Saturdays	Begins Jan. 7 Tuesdays Fridays	Tuesdays Fridays	Tuesdays Fridays Ends May 23
A. A. HALL	<i>Equity</i>					
W. E. KEYES	<i>Bills and Notes</i>		Begins Oct 8 Tuesdays, Fridays Ends Dec. 20			
JOHN H. CARSON	<i>Partnerships</i>				Begins Feb. 1 Wednesdays Saturdays	Wednesdays Saturdays Ends May 24
JOHN H. CARSON	<i>Corporations</i>					Begins April 3 Mondays, Thursdays Ends May 22
DEAN I. H. VAN WINKLE	<i>Moot Court</i>		Monday Evenings	Monday Evenings	Monday Evenings	Monday Evenings

SENIOR YEAR

INSTRUCTOR	SUBJECT	Number Lectures	FIRST TERM	SECOND TERM	THIRD TERM	FOURTH TERM
GEO. G. BINGHAM	<i>Pleadings and Probate</i>		Begins Oct 7 Mondays Thursdays	Mondays Thursdays	Mondays Thursdays Ends Mar. 31	Review
To be Assigned	<i>International and Constitutional Law</i>		Begins Oct. 8 Tuesdays Fridays	Tuesdays Fridays	Begins Feb 1 Wednesdays Saturdays	Wednesdays Saturdays Ends May 21
ROY F. SHIELDS	<i>Code</i>		Begins Oct. 9 Wednesdays Saturdays	Wednesdays Saturdays Ends Jan. 29	Tuesdays Fridays	Tuesdays Tuesdays Ends May 23
JOHN BAYNE	<i>Federal Court Practice and Bankruptcy</i>		Moot Court	Moot Court	Moot Court	Moot Court
DEAN I. H. VAN WINKLE	Moot Court					

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 throughout 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 A. A. Hall, Secretary of the Law Faculty, Willamette University, 303 Salem Bank of Commerce, 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 readily 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, Post-Graduate, Artist's 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. At the conclusion of the Artist's Course, he will be given a diploma and a gold medal.

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

STUDIES USED. The time is past when the pedagogue with a cast-iron system taught that all studies must be overcome in order to master the mysteries of the keyboard and voice. The department will use such studies as best promote variety and thoroughness, always having in mind the personality and the individual needs of each student.

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 and, therefore, all work in vocal and instrumental music is by private lessons and not in classes. Only courses in theory and musical history are given in classes.

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 Chorus 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 Chorus Practice, thruout the year.

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

Appearance on programs and attendance at recitals.

ARTIST'S COURSE. One year in addition to the Graduate Course

Piano, two lessons each week for the year.

Chorus, the entire year.

Composition, the entire year.

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

Appearance 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 Class, 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.

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 1918-1919.

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. Chase 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	\$54.00
(This charge includes the use of the pipe organ for five hours practice per week.)	
Private lessons, one each week, per semester	30.00

HISTORY, HARMONY, COUNTERPOINT.

Two lessons each week, per semester	\$10.00
Public School Music Methods, Two lesson each week, per semester	10.00

GLEE CLUBS AND CHORUS.

Instruction	Free
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RENTAL OF INSTRUMENTS.

Piano, two hours each day, per semester	\$6.00
Piano, one hour each day, per semester	4.00
Pipe organ, with power, each hour practice .....	.25

NOTE.—No refund will be made for absence from lessons or for discontinuance *except in cases of severe personal illness*: but in cases 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 Frank W. Chase, 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 on Sunday. Special religious services are held each year for the definite purpose of emphasizing the personal Christian life. This year Rev. Willsie Martin of Boise, Idaho, conducted a series of religious meetings. Last year special meetings were held by Dr. Lynn H. Hough of Evanston, Ill., and by Mr. Raymond Robins of Chicago. These services were invaluable in quickening the religious life of the entire school and directly resulted in a large number of definite Christian decisions.

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 Waller Hall. The board is satisfactory and at a cost of about \$3.00 a week. Other co-operating boarding and rooming clubs are conducted elsewhere at a war time expense ranging from \$3.50 to \$5.50 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. We are peculiarly

grateful to the students of the Freshman class who at the beginning of the year presented the University with a new cement walk connecting Eaton and Waller Halls.

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 \$1,000 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.

HOME SCHOLARSHIPS. The Oregon Children's Aid Society has made the University the trustee to administer a fund of approximately \$8,000, 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 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 or any society 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. Credit 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.

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 Evadne M. Harrison of Portland, Ore., and Mr. Paul Wapato of Okanogan, Wash.

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 1916 by Miss Mary Parounagian of Salem, Ore., in Latin; in 1917 by Miss Mary M. Walker of Walla Walla, Wash., in Latin, and by Mr. Wesley H. Hammond 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 places in debate.

These prizes were won this year by Mr. Arlie G. Walker of Woodburn, Ore., and Mr. Otto K. Paulus of Salem, 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 Inter-collegiate Prohibition Oratorical Contests were awarded Miss Margaret Garrison of Salem, Ore. This year the winners of the University prizes are as follows: Miss Evadne M. Harrison of Portland, Ore., Miss Faye Bolin of Salem, Ore., Mr. Arlie G. Walker of Woodburn, Ore., Mr. Otto K. Paulus of Salem, Ore., Mr. Harold Dimick of Woodburn, Ore., and Miss Myrtle Mason of Boise, Idaho.

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 Mr. E. Raymond Attebery of Everett, Wash.

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 six. The Adelante and the Philodosian are for the young women, and the Websterian and the Philodorian are for the young men. They have pleasant and well-furnished halls in Waller Hall, hold weekly meetings and afford excellent training in composition and public speaking. The Chrestomathean and the Cherstophilian societies meet in Science Hall, the former being for young women and the latter for young men.

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 thruout 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 almost 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 ex-cute 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.*)

DEGREES CONFERRED

June, 1917

DOCTOR OF LAWS—

Chamberlain, George E.....	Portland, Oregon
McNary, Charles L.....	Salem, Oregon

MASTER OF SCIENCE—

McMillin, Frederick Ansten.....	Salem, Oregon
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BACHELOR OF ARTS—

Ball, Maxwell Ernest.....	Portland, Oregon
Bartlett, Willis Murry.....	Newberg, Oregon
Billings, Edna B.....	Harrington, Washington
Botsford, Irma.....	Salem, Oregon
Carson, Gladys E.....	Salem, Oregon
Cooksey, Carrie Honnold.....	Salem, Oregon
Doughty, Lila A.....	Salem, Oregon
Douglass, Leigh C.....	Wenatchee, Washington
Emmel, Aetna L.....	Sherwood, Oregon
Emmel, Esther Viola.....	Sherwood, Oregon
Flegel, Earl Coulson.....	Portland, Oregon
Forbes, George G.....	Portland, Oregon
Gates, Grover A.....	Salem, Oregon
Gilbert, Rosamond.....	Salem, Oregon
Gillette, Alpheus J.....	Woodburn, Oregon
Gralapp, Arnold L.....	Salem, Oregon
Gregg, Henry C.....	Ballston, Oregon
Hepp, Louis O.....	Salem, Oregon
Hodge, Ruth Ellsworth.....	Salem, Oregon
Housel, Flora Evalyn.....	Eugene, Oregon
King, Samuel R.....	Emmett, Idaho
Liening, Gustav F., Jr.....	Salem, Oregon
Maclean, Violet.....	Portland, Oregon
Miller, Margaret Clarke.....	Salem, Oregon
Minton, Nettie Emma.....	Salem, Oregon
McInturff, Eugenia Belle.....	Salem, Oregon
Reetz, Carl A.....	Newberg, Oregon
Rosche, Olive A.....	Salem, Oregon

Savage, Harry H.....	Salem, Oregon
Steeves Laban Aaron.....	Salem, Oregon
Tasker, Harriet Ruth.....	Salem, Oregon
Taylor, Esther Leeper	Bismark, North Dakota
Tobie, Adelaide E.....	Greenacres, Washington
Winters, Ruth Rae.....	LaGrande, Oregon

BACHELOR OF LAWS—

Brooks, Russell M.....	Salem, Oregon
Bynon, Allan A.....	Salem, Oregon
Bynon, Fred S.....	Salem, Oregon
Fletcher, James D.....	Sheridan, Oregon
Gregg, Henry C.....	Ballston, Oregon
Lamport, Merrill Sexton.....	Salem, Oregon
Mott, James W.....	Salem, Oregon
Randall, Charles R.....	Rathdrum, Idaho
Savage, Harry H.....	Salem, Oregon
Smith, Grace E.....	Salem, Oregon
Wiest, William A.	Salem, Oregon
Wight, Harvey A.....	Lebanon, Oregon

DIPLOMA IN MUSIC—

Emmons, Lucile.....	Salem, Oregon
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REGISTER OF STUDENTS

College of Liberal Arts

POST GRADUATES—

Avison, L. Genevieve (A. B. Willamette University)	Salem, Oregon
Botsford, Irma (A. B. Willamette University)	Salem, Oregon
Howard, William W. (A. B. University of the Pacific)	Portland, Oregon
Miles, Lyra B. (A. B. Pacific College)	Salem, Oregon
McBride, I. Mildred (A. B. Willamette University)	Salem, Oregon
Pearce, Helen (A. B. Willamette University)	Salem, Oregon
Smith, Ernest M. (A. B. Nebraska Wesleyan)	Silverton, Oregon
Utter, F. L.	Salem, Oregon

SENIORS—

Adams, Wallace	Weiser, Idaho
Baker, Blanche	Hillyard, Washington
Beaver, Nellie Myrtle	Ashland, Oregon
Bird, Edith Bertha	Spokane, Washington
Boughey, Mabel Alethea	Salem, Oregon
Bowers, Harry	Brownsville, Oregon
Brewster, Bernard C.	Centralia, Washington
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
Jaskoski, Lucille	Salem, 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
Paulus, Otto Karl	Salem, Oregon
Peringer, Charlotte Ruth	Bellingham, Washington
Perkins, Clara A.	Portland, Oregon
Reigelman, Evelyn Floy	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

JUNIORS—

Arenz, Laura C.	Salem, Oregon
Bolin, Faye	Salem, Oregon
Gatke, Robert M.	North Bend, Oregon
Goltra Helen	Salem, Oregon
Green, Ruth E.	Creswell, Oregon
Johnson, Lelia	Salem, Oregon
Keefer, C. Murray	Salem, Oregon
Maclean, Maude	Portland, Oregon
Mallory, Margaret	Portland, Oregon
Matthews, Donald N.	Salem, Oregon
Mickey, May	Turner Oregon
Moore Helen	Eugene, Oregon
Mulligan, Vesta	Salem, Oregon
Nichols, Gladys	Newberg, Oregon
Nichols, C. Harold	Newberg, Oregon
Parounagian, Mary N.	Salem, Oregon
Putnam, Mary	Salem, Oregon
Rose, Helen L.	Emmett, Idaho
Sherwood, Grace E.	Salem, Oregon
Sparks, Lestle	Bandon, Oregon
Sterling, Carolyn	Wenatchee, Washington
Stewart, Louis F.	Athena, Oregon
Stewart, Ruth	Athena, Oregon
St. Pierre, Lucile	Salem, Oregon
Sutherlin, John W.	Salem, Oregon

Tasker, Homer G.	Salem, Oregon
Tebben, Charlotte	Portland, Oregon
Tebben, Elizabeth	Portland, Oregon
Teeters, Glenna M.	Kellogg, Idaho
Wells, Fay	Salem, Oregon
Yeend, Esther	Walla Walla, Washington

SOPHOMORES—

Bagley, Grace C.	Salem, Oregon
Baker, Velma	Hillyard, Washington
Bartholomew, Philip	Portland, Oregon
Bowersox, LaVerne K.	Wenatchee, Washington
Briggs, Elizabeth	New Meadows, Idaho
Campbell, Freda	Independence, Oregon
Cramer, Francis	Astoria, Oregon
Cronise, Harry W.	Salem, Oregon
Dillard, Gertrude	Roseburg, Oregon
Dimick, Harold	Woodburn, Oregon
Doney, Paul H.	Salem, Oregon
Doughton, Millard	Lebanon, Oregon
Drake, Blanche	Salem, Oregon
Emmel, Herald W.	Sherwood, Oregon
Findley, Mary E.	Salem, Oregon
Fogg, Ethel L.	Dundee, Oregon
Gillespie, Opal L.	Salem, Oregon
Gordon, Evelyn	Astoria, Oregon
Green, Paul	Creswell, Oregon
Hobbs, Rita C.	Walla Walla, Washington
Holt, William B.	Salem, Oregon
Hrubetz, Caroline	Salem, Oregon
Johnson, Mildred L.	St. Paul, Minnesota
Knuths, Bernice	Brownsville, Oregon
Legge, Kenneth C.	Salem, Oregon
Levy, Elizabeth	Salem, Oregon
Martin, Rose	Myrtle Creek, Oregon
Olson, Oscar D.	Woodburn, Oregon
Parrett, Eva F.	Newberg, Oregon
Rahskopf, Horace G.	Marshfield, Oregon
Satchwell, Estelle	Shedd, Oregon
Savage, D. Odell	Salem, Oregon
Smith, Myrtle A.	Portland, Oregon

Spiess, Henry R.....	Estacada, Oregon
Walton, Beatrice.....	Salem, Oregon
Waltz, Roswell S.....	Salem, Oregon
Wise, Vera.....	Granger, Washington
Wright, Malcolm E.....	Dufur, Oregon

FRESHMEN—

Aldrich, Frederic D.....	Salem, Oregon
Armstrong, Arthur J.....	Buena Vista, Oregon
Ausman, Glyde.....	Asotin, Washington
Bartholomew, Lyle P.....	Salem, Oregon
Basler, Loren H.....	Bremerton, Washington
Berg, Elizabeth.....	Fruitland, Idaho
Blake, Frederic C.....	Salem, Oregon
Brown, Hugh G.....	Wenatchee, Washington
Campbell Glen W.....	Emmett Idaho
Chenoweth, Iris M.....	Woodburn, Oregon
Chittick, William A.....	Salem, Oregon
Corner, Ivan.....	Spokane, Washington
Cotton, Irene.....	Salem, Oregon
Coulter, Jay D.....	Amity, Oregon
Croisan, Charlotte M.....	Salem, Oregon
Curtis, Ralph C.....	Bend, Oregon
Davies, Lawrence E.....	St. Helens, Oregon
Day, Lester S.....	Bremerton, Washington
Day, Paul L.....	Bremerton, Washington
DeLong, Evelyn H.....	Salem, Oregon
Driscoll, Ethel.....	Wasco, Oregon
Eyre, Winifred.....	Salem, Oregon
Ferguson, Ruth.....	Portland, Oregon
Fisch, Bernice.....	Milwaukie, Oregon
Fisher, Robbin.....	Salem, Oregon
Flegel, Paul.....	Portland, Oregon
Gardner, A. D., Jr.....	Stayton, Oregon
Gibson, Ethyl.....	The Dalles, Oregon
Goodin, Margaret.....	Salem, Oregon
Grounds, Dot.....	Roseburg, Oregon
Harrild, Hortense.....	Spokane, Washington
Harrington, Forence.....	Salem, Oregon
Haworth, Mildred M.....	Portland, Oregon
Hickman, Gordon H.....	Salem, Oregon

Hoffman, Harlan R.	Salem, Oregon
Holt, George F., Jr.	Salem, Oregon
Ingalls Hortense	Amity, Oregon
Jones Areta	Gervais, Oregon
Largent, Marie E.	Marshfield, Oregon
Lawson, David J.	Blanchard, Washington
Lawson, Mildred	Spokane, Washington
Lippold, Elsie R.	Salem, Oregon
Love, Eva L.	Brownsville, Oregon
Lynn, Margaret C.	LaPine, Oregon
Lyman, Keith A.	Gresham, Oregon
Mason, Myrtle	Boise, Idaho
Mason, Virginia	Jefferson, Oregon
Maxwell, Benjamin	Salem, Oregon
Medler, John H.	Wasco, Oregon
Minton, Marjorie	Salem, Oregon
Moore, Herbert M.	Springfield, Oregon
Moore, Ina	Seaside, Oregon
Moore, Royal	Salem, Oregon
Mort, Howard	Goldendale, Washington
McClure, Sybil C.	Portland, Oregon
McCully, Evadne L.	Joseph, Oregon
McKittrick, Bryan	Wenatchee, Washington
Notson Mary E.	Heppner, Oregon
Packenham, Anna	Boise, Idaho
Peringer, Fay J.	Bellingham, Washington
Persons, Rhoda P.	Salem, Oregon
Pierson, Waldo	Appleton, Washington
Prescott, Gerald	Grants Pass, Oregon
Rarey, Raymond H.	Spokane, Washington
Rarey, Russell	Spokane, Washington
Richardson, Myrtle	Salem, Oregon
Robe, Cecil F.	Scio, Oregon
Scheuerle, Florence	Salem, Oregon
Skinner, Florence	Emmett, Idaho
Smith Sibyl E.	Vancouver, Washington
Socolofsky, Edwin	Salem, Oregon
Steeves, Muriel	Salem, Oregon
Steininger, Blanche	Flint, Michigan
Story, R. Clarke	Wolf Creek, Oregon
Thomas, Ralph I.	Wenatchee, Washington

Tidwell, Alma.....	Atwood, Colorado
Weber, Corolin E.....	Creswell, Oregon
Wells, Mildred.....	Portland, Oregon
Welty, Nora.....	Hubbard, Oregon
Wilkin, Hubert.....	Almeda, Oregon
Williams, Roy D.....	Dayton, Oregon
Wise, Ruth.....	Granger, Washington
Yannke, Genevieve.....	Salem, Oregon

SPECIALS—

Abbott, George R.....	Kent, Washington
Acheson, Thomas.....	Salem, Oregon
Ailshie, James.....	Coeur d'Alene, Idaho
Anderson, Gustav A.....	Salem, Oregon
Atkinson, George H.....	Portland, Oregon
Bates, Alfred P.....	Salem, Oregon
Benner, Joseph.....	Lebanon, Oregon
Cooper, Harvey O.....	Ridgefield, Washington
Garrett, Mildred.....	Salem, Oregon
Hall, Sydney W.....	Brooks, Oregon
Hancock, Mrs. E. A.....	Salem, Oregon
Hawthorne, Alexander.....	Salem, Oregon
Miller, Joseph W.....	Portland, Oregon
McGrew, Fred.....	Idaho Falls, Idaho
McIntire, Floyd.....	Salem, Oregon
Nicholl, William.....	Gervais, Oregon
Ranton, Erwin G.....	Ferndale, Washington
Royston, Fred R.....	Salem, Oregon
Smith, Archie H.....	Salem, Oregon
Wapato, Paul.....	Okanogan, Washington
Warrell, John W.....	Klamath Agency, Oregon
Weeks, Amos O.....	Baker, Oregon
Woodfin, John D.....	Salem, Oregon

College of Law

SENIORS—

Bayne, Kenneth.....	Salem, Oregon
Ellis, William P.....	Salem, Oregon
Hayden, Miller B.....	Salem, Oregon
Hicks, Tera 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

JUNIORS—

Abraham, Bernice	Roseburg, Oregon
Becke, K. G.	Salem, Oregon
Corey, H. H.	Salem, Oregon
Esteb, Fee	Salem, Oregon
Fields, Russell B.	Salem, Oregon
Fifield, F. Winnifred	Grants Pass, Oregon
Kennedy, Ruby H.	Salem, Oregon
Marsters, Waldo	Roseburg, Oregon
McClelland, James	Salem, Oregon
Paulus, Fred H.	Salem, Oregon
Rauch, Ruth B.	Salem, Oregon
Tasto, Arthur	Salem, Oregon
Vincent, Willis E.	Salem, Oregon
Walker, Metta	Salem, Oregon
Wright, Ed	Salem, Oregon

FRESHMEN—

Brookins, G. E.	Salem, Oregon
Sammons, Gordon W.	Falls City, Oregon
Wasson, R. H.	Salem, Oregon
Watt, G. R.	Salem, Oregon

School of Music

Abbreviations: V, Voice; P, Piano; O, Organ; Vi, Violin; H, Harmony; M-H, Musical History.

SENIORS—

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

CERTIFICATES IN PUBLIC SCHOOL MUSIC—

Dunbar, Ailene B.	.....	Corvallis, Oregon
Luther, Muriel	.....	Salem, Oregon
Tallman, Maurine	.....	Jefferson, Oregon
Wible, Margarette R.	.....	Grants Pass, Oregon

JUNIORS—

Dunbar, Ailene B.	V	.....	Corvallis, Oregon
Hansen, Ethel S.	P	.....	Nyssa, Oregon
McKinney, Venita	P	.....	Turner, Oregon
Wible, Margarette R.	V	.....	Grants Pass, Oregon

FRESHMEN AND SOPHOMORES—

Anderson, Esther	V,H	.....	Salem, Oregon
Anderson, Gustav A.	V	.....	Salem, Oregon
Barnes, Ruth	P	.....	Salem, Oregon
Basler, Loren	V	Bremerton,	Washington
Beason, Lucille	P	.....	Maryville, Missouri
Beaver, Nellie	P	.....	Ashland, Oregon
Bell, Laura J.	V	.....	Salem, Oregon
Benson, Louise R.	P,V,H	.....	Salem, Oregon
Bolin, Faye	P	.....	Salem, Oregon
Briggs, Elizabeth	P	.....	New Meadows, Idaho
Brown, Hugh G.	O	.....	Wenatchee, Washington
Cammack, Helen	P	.....	Salem, Oregon
Cherrington, Eva	P,V,H	.....	Salem, Oregon
Clark, Bernice	O	.....	Salem, Oregon
Cooper, Mrs. H. O.	V	.....	Ridgefield, Washington
Cox, Esther P.	H	.....	Arlington, Oregon
Crozer, Gladys M.	V,H	.....	Salem, Oregon
DeLong, Evelyn	O	.....	Salem, Oregon
Dunbar, Ailene B.	P,V,H	.....	Corvallis, Oregon
Dunnette, Beatrice	P,V,H	.....	Salem, Oregon
Emmons, Marion	Vi	.....	Salem, Oregon
Ewing, Hazel Hockensmith	P,V	.....	Albany, Oregon
Faulkner, Irene	P	.....	Salem, Oregon
Findley, Genevieve	P,H	.....	Salem, Oregon
Findley, Louise	P	.....	Salem, Oregon
Fisch, Bernice	H	.....	Milwaukie, Oregon
Fisher, Margaret	P	.....	Salem, Oregon

Fisher, Robbin.....	P.....	Salem, Oregon
Frickey, Vera Schaupp.....	P,H.....	Salem, Oregon
Garrett, Mabel.....	P.....	Salem, Oregon
Goulder, Alberta.....	P,V,H.....	Salem, Oregon
Grabenhorst, Nell.....	P.....	Salem, Oregon
Grant, Laura.....	O.....	Salem, Oregon
Hall, Evangeline O.....	P.....	Salem, Oregon
Hancock, Edith Madelaine.....	P.....	Salem, Oregon
Hansen, Ethel.....	P,V,H.....	Nyssa, Oregon
Harrison, Evadne.....	V.....	Portland, Oregon
Hensel, Gladys.....	P,V,H.....	Jefferson, Oregon
Hunt, Helen R.....	P.....	Salem, Oregon
Irvine, Paul.....	O.....	Salem, Oregon
Knuths, Bernice.....	P.....	Brownsville, Oregon
Largent, Marie.....	P,H.....	Marshfield, Oregon
Lippold, Elsie.....	P,H.....	Salem, Oregon
Love, Eva.....	V.....	Brownsville, Oregon
Luther, Muriel.....	V.....	Salem, Oregon
Medler, Audrey.....	P,V,H.....	Salem, Oregon
Mickey, May.....	H.....	Turner, Oregon
Miles, Lyra.....	P.....	Salem, Oregon
Moore, Delbert.....	Vi.....	Salem, Oregon
Moore, Helen.....	P,H.....	Eugene, Oregon
Mulligan, Vesta.....	V.....	Salem, Oregon
McCaddam, Lela Belle.....	V,H.....	Salem, Oregon
McClure, Sybil.....	P.....	Portland, Oregon
McCully, Evadne L.....	V.....	Joseph, Oregon
McKinney, Venita.....	P,V,H.....	Turner, Oregon
Nelson, Alma.....	P,V.....	Salem, Oregon
Notson, Mary.....	P.....	Heppner, Oregon
Porter, Esther.....	V.....	Salem, Oregon
Pratt, Fay.....	P,H.....	Cove, Oregon
Rarey, Raymond.....	V.....	Spokane, Washington
Reigelman, Evelyn F.....	V,H.....	Salem, Oregon
Richards, Eva.....	P.....	Salem, Oregon
Robbins, Danta.....	P.....	Salem, Oregon
Ross, Lucile.....	O,H.....	Salem, Oregon
Rowland, Nellie.....	P.....	Salem, Oregon
Scheuerle, Florence.....	P,V,H.....	Salem, Oregon
Scott, Gladys.....	V.....	Salem, Oregon
Smith, Archie H.....	V.....	Salem, Oregon

Socolofsky, Edwin.....	V.....	Salem, Oregon
Steeves, Muriel.....	P,H.....	Salem, Oregon
Sterling, Carolyn.....	P.....	Wenatchee, Washington
Sterling, Paul.....	V.....	Wanatchee, Washington
Stewart, Louis F.....	V.....	Athena, Oregon
Story, Clarke.....	P.....	Wolf Creek, Oregon
Tallman, Maurine.....	P.....	Turner, Oregon
Teeters, Glenna.....	V.....	Kellogg, Idaho
Tidwell, Alma.....	P.....	Atwood, Colorado
Tucker, Lucile.....		Salem, Oregon
Twidwell, Florence E.....	P,V.....	Montesano, Washington
VanWinkle, Mrs. J. O.....	V,H.....	Jefferson, Oregon
VanMatre, Bess.....	P.....	Salem, Oregon
Wells, Fay.....	P.....	Salem, Oregon
White, Hazel E.....	P.....	Olympia, Washington
Wible, Margarete.....	P,V,H.....	Grants Pass, Oregon

Summary of Attendance

(October 1, 1917, to June 1, 1918.)

COLLEGE OF LIBERAL ARTS—

Post Graduates.....	8	
Seniors.....	35	
Juniors.....	31	
Sophomores.....	38	
Freshmen.....	83	
Specials.....	23	218

COLLEGE OF LAW—

Seniors.....	9	
Juniors.....	15	
Freshmen.....	4	28

SCHOOL OF MUSIC—

.....	84	
Registered in College of Liberal Arts....	34	50

Total enrollment.....286

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