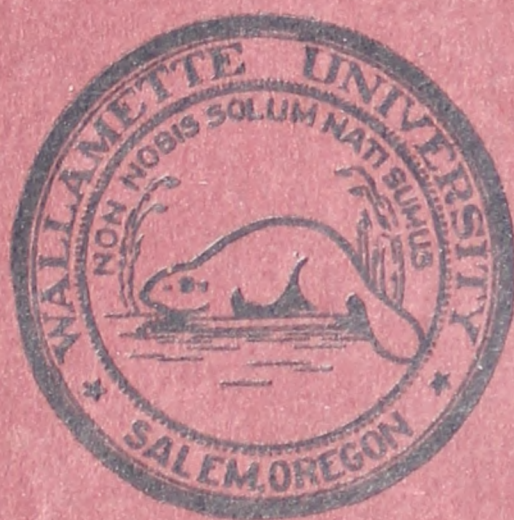


Wagel List of Animals
C. L. C. 16

The
Willamette University
Bulletin



Catalog Edition
1916

WILLAMETTE UNIVERSITY

(FOUNDED 1844)

INCLUDING

COLLEGE OF LIBERAL ARTS
COLLEGE OF LAW
SCHOOL OF MUSIC



ANNUAL CATALOG

ANNOUNCEMENTS 1916-1917

WILLAMETTE UNIVERSITY BULLETIN

VOL. IX

MAY, 1916

No. 2

Entered at the Postoffice at Salem, Ore., as Second-Class Matter July 27, 1908, Under
the Act of July 16, 1894

CALENDAR

1916

SEPTEMBER

S	M	T	W	T	F	S
	4	5	6	7	8	1
3						2
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

NOVEMBER

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

DECEMBER

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1917

JANUARY

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

MARCH

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

MAY

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

APRIL

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JUNE

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

CALENDAR

1916

September 18-20	Registration and Special Examinations.
September 21	Instruction begins.
November 23-24	Thanksgiving Recess.
December 22	3:30 p. m.—Christmas Vacation begins.

1917

January 2	8:00 a. m.—Instruction resumes.
Jan. 29-Feb. 2	Examinations of First Semester.
February 5	Registration Second Semester.
February 8	Day of Prayer for Colleges.
February 22	Washington's Birthday Address.
March 9	Freshman Glee.
March 16	3:30 p. m.—Spring Vacation begins. .
March 26	8:00 a. m.—Instruction resumes.
May 4-5	May Festival, beginning May 4, 1:00 p. m.
May 19	8:00 p. m.—Inter-Society Oratorical Contest.
May 30	Memorial Day.
June 4	Examinations of Second Semester begin.

Commencement Week for College of Liberal Arts

June 10	Baccalaureate Sermon. Farewell Meeting of Christian Associations. 8:00 p. m.—Sermon to Christian Associations.
June 11	6:30 a. m.—Senior Breakfast. 8:00 p. m.—President's Reception.
June 12	Meeting of the Board of Trustees. Class Day.
June 13	10:00 a. m.—Commencement Exercises. 2:30 p. m.—Alumni Business Meeting. 6:30 p. m.—Alumni Banquet.

BOARD OF TRUSTEES

Officers

T. S. McDaniel, President.....	304 Failing Building, Portland
B. L. Steeves, Vice President.....	Salem
I. H. Van Winkle, Secretary.....	Salem
A. N. Bush, Treasurer.....	Salem

Elected by the Board

	Term Expires.
W. L. Airhart, Portland, Oregon.....	1916
C. C. Anderson, 145 East Idaho Street, Boise, Idaho.....	1916
E. T. Barnes, Salem.....	1916
G. F. Billings, Ashland.....	1916
J. H. Booth, Roseburg.....	1916
W. W. Brown, Fife.....	1916
James Campbell, Medford.....	1916
George L. Cleaver, La Grande.....	1916
E. S. Collins, Ostrander, Washington.....	1916
Bishop R. J. Cooke, Portland.....	1916
J. W. Day, 874 Kerby Street, Portland.....	1916
M. C. Findley, Salem.....	1916
A. F. Flegel, 402 Failing Building, Portland.....	1916
R. J. Ginn, Moro.....	1916
J. L. Hartman, 233 East Sixtieth Street, Portland.....	1916
R. J. Hendricks, Salem.....	1916
Thomas B. Kay, Salem.....	1916
A. A. Lee, Salem.....	1916
James Moore, Springfield.....	1916
B. Lee Paget, Failing Building, Portland.....	1916
H. J. Von Fossen, Ashland.....	1916
Paul B. Wallace, Salem.....	1916
P. J. Brix, Astoria.....	1916
C. P. Bishop, Salem.....	1916
A. M. Smith, Yeon Building, Portland.....	1916
G. F. Johnson, Selling Building, Portland.....	1917
C. B. Moores, 281 East Fifteenth Street North, Portland.....	1917
T. S. McDaniel, Failing Building, Portland.....	1918
B. L. Steeves, Salem.....	1918
Carl G. Doney, Salem.....	Ex-officio

Elected by the Alumni

Lloyd T. Reynolds, A.B. '94, R. F. D. No. 9, Salem.....	1916
Burgess F. Ford, A.B. '05, Salem.....	1917
I. H. Van Winkle, A.B. '98, LL.B. '01, Salem.....	1918

Elected by the Oregon Conference

R. N. Avison, Salem.....	1918
George F. Hopkins, Portland.....	1918
J. W. McDougall, Portland.....	1918
H. S. Wilkinson, Eugene.....	1918
R. A. Booth, Eugene.....	1916
Hiram Gould, Newberg.....	1916
John Parsons, Portland.....	1916
Walton Skipworth, Lebanon.....	1917
D. H. Leech, Corvallis.....	1917
A. R. Maclean, Portland.....	1917
J. T. Abbett, Eugene.....	1917
W. H. Odell, Portland.....	Emeritus

Elected by the Columbia River Conference

Nathan Evans, The Dalles, Oregon.....	1918
Paul Little, Waitsburg, Washington.....	1916
W. H. Selleck, Portland.....	1917

Elected by the Idaho Conference

F. D. McCully, Joseph.....	1916
A. E. Eaton, Union.....	1916
C. H. Packenham, Boise, Idaho.....	1917

Elected by the Pacific German Conference

A. J. Weigle, Salem.....	1918
--------------------------	------

Elected by the Danish-Norwegian Conference

C. J. Larsen, Portland.....	1918
-----------------------------	------

Committees of the Board of Trustees

Appointed at the semi-annual meeting. Chairman of each committee to have report for the annual meeting, June 6, 1916.

NOMINATIONS. A. M. Smith, Walton Skipworth, L. T. Reynolds, R. J. Hendricks, E. S. Collins.

FACULTY. R. A. Booth, B. L. Steeves, A. J. Weigle, Carl G. Doney, W. H. Selleck, J. W. McDougall, Bishop R. J. Cooke, A. M. Smith, C. P. Bishop, H. S. Wilkinson, A. A. Lee.

FINANCE. T. S. McDaniel, 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, B. L. Steeves, Paul Wallace.

AFFILIATED COLLEGES. Hiram Gould, B. L. Steeves, I. H. Van Winkle, R. A. Booth, C. N. Pakenham, M. C. Findley, G. F. Billings, W. L. Airhart.

BUILDINGS AND GROUNDS. C. P. Bishop, R. A. Booth, C. C. Anderson, A. E. Eaton, J. H. Booth, J. L. Hartman, F. D. McCully, W. W. Brown.

DEGREES. J. W. McDougall, R. A. Booth, J. T. Abbett, A. F. Flegel, G. F. Hopkins, Walton Skipworth.

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

ATHLETICS. T. B. Kay, B. E. Ford, G. F. Hopkins, A. F. Flegel, B. L. Paget, N. Evans.

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

LIBRARY. Paul Wallace, B. L. Steeves, J. W. Day, James Moore, James Campbell, R. J. Ginn, John Parsons, Paul Little, E. T. Barnes.

BY-LAWS. A. F. Flegel, A. M. Smith, Carl G. Doney, T. S. McDaniel, I. H. Van Winkle,

ENDOWMENT. A. M. Smith, G. F. Johnson, T. S. McDaniel.

Alumni Officers, 1915-1916

N. M. Newport, '90, Lebanon.....	President
Mrs. Eliza O'Donald, '64, Milwaukie.....	First Vice President
James T. Matthews, '89, Salem.....	Second Vice President
Miss Lettie Gregson, '12, Salem.....	Third Vice President
Errol C. Gilkey, '14, Salem.....	Secretary
Mrs. F. L. Utter, '12, Salem.....	Treasurer
Mrs. J. O. Goltra, '85, Salem.....	Executive Member
Alfred A. Schramm, '12, Salem.....	Executive Member

Official Visitors of the State of Oregon to the University

(University Charter, Section 5.)

Hon. James Withycombe.....	Governor of Oregon
Hon. F. A. Moore.....	Chief Justice Supreme Court
Hon. Robert Eakin.....	Justice Supreme Court
Hon. George H. Burnett.....	Justice Supreme Court
Hon. H. J. Bean.....	Justice Supreme Court
Hon. Thomas McBride.....	Justice Supreme Court
Hon. Henry L. Benson.....	Justice Supreme Court
Hon. Lawrence T. Harris.....	Justice Supreme Court
Hon. W. Lair Thompson.....	President of the Senate
Hon. Ben Selling	Speaker House of Representatives

Conference Visitors

OREGON CONFERENCE

J. C. Spencer.....	Salem
W. J. Douglass.....	Ashland
R. E. Smith.....	Portland

COLUMBIA RIVER CONFERENCE

W. B. Young.....	Hood River
R. D. Snyder.....	Ellensburg, Washington

FACULTY

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—

M. E. PECK, A. M.,

Cornell College
Research work in Central America three years

Professor of Biology 1908—

WALLACE MAC MURRAY, A. M.,

University of Minnesota

Professor of English Language 1914—

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—

JUNIA L. TODD, A. B.,
Simpson College
New England Conservatory of Music
Dean of Women 1914

JOHN O. HALL, Ph. D.,
University of Denver
University of Minnesota
Columbia University
Professor of Social Science 1915—

ROBERT E. STAUFFER, A. M.,
Mt. Union College
Harvard University
University of Chicago
Professor of English Literature 1915—

GUSTAV EBSSEN, A. M.,
Universities of Berlin, Paris and Madrid
Denmark State University
Professor of Modern Languages 1915—

WM. E. KIRK, M. A.,
University of Nebraska
Graduate Student, Columbia University
Professor of Ancient Languages 1906-1913; 1915—

R. L. MATHEWS,
University of Washington
University of Notre Dame
Director of Physical Education.

HELEN MILLER SENN, A. B., B. O.,
University of Michigan
National Conservatory of Dramatic Art and Oratory
Boston College of Expression
Professor of Public Speaking 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.

MRS. FRANK W. CHACE,
Chicago Musical College
Pupil of Keep, Rix, Saenger, Jannotta
Instructor in Voice.

JOY TURNER,

Willamette University School of Music
Western Chicago Conservatory
New England Conservatory

Instructor in Violin.

ALICE H. DODD,

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

Instructor in Art History 1915—

ABRAHAM VEREIDE,

Hardanger Lutheran Missionary College
Norwegian-Danish Theological Seminary
Northwestern University

Instructor in Scandinavian Languages and Literature 1916—

College of Law

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

Willamette University

Instructor in Constitutional and International Law.

Judge of Moot Court.

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

Syracuse University
Willamette University

Professor of Law and Secretary of the Law 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 Equity.

ERNEST BLUE, LL. B.,

Willamette University

Instructor in Real Property.

JAMES G. HELTZEL, LL. B.,

Willamette University

Instructor in Federal Court Practice.

Bankruptcy.

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.

JUNIA L. TODD, 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 BENEDICT, Registrar.

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

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

A Record of Honor

Willamette University has been richly honored in the pronounced success and high positions of usefulness attained by the former students. Among the several thousand who studied here and the thousand graduates from the several departments are numbered noted preachers, missionaries, teachers, professors, judges of county courts, of superior courts, of circuit courts, of 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 vari-

ous 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 a period of six months. 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 Capital, 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 is 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 departments of Physics and Biology. 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 two student cooperative 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.

GRAND STAND 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 College 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 12,000 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 three rooms in Eaton Hall which are supplied with gas, electricity, good tables and sinks, dissecting microscopes, microtome, and other apparatus ordinarily used in microscopic and histological work. It has a large collection of marine and land plants and animal organisms, and is supplied with specimens for dissection and study by the students. The herbarium contains over 10,000 classified and accessible specimens.

CHEMICAL LABORATORY. 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 three years work or more. 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 dona-

tions, 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 engineers transit with solar attachment, etc., sufficient for a two years course in field work covering plane, mine, hydrographic and railroad surveying. For the work in Astronomy there are instruments illustrating the meridian circle, altitude-azimuth instruments, sextants, globes and several small telescopes.

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

The following is the list of the required entrance subjects:

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

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

	Units.
English (in addition to the required units).....	1
Mathematics (in addition to the required units).....	1½
Science (in addition to the required units).....	2
History and Civics (in addition to the required units).....	1½
Foreign Language (in addition to the required units).....	4
Domestic Science	1
Manual Training.....	1

If one unit in a foreign language is offered, the student must continue the subject in the Freshman year.

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 first 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.
Letters.	Social Sciences.	Natural Sciences.
English Literature	Art History	Physics
American Literature	Sociology	Chemistry
Rhetoric	Economics	Geology
Public Speaking	Law	Botany
Latin	History	Zoology
Greek	Political Science	Physiology
German	Philosophy	Mathematics
French	Psychology	Astronomy
Spanish	Education	Ornithology
Scandinavian	Ethics	Music
	Logic	Biology
	Religion	
	Bible	

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

1. All Freshmen are required to take Rhetoric 1 and 2; Bible 1 and 2; College Life 1; and Physical Education 1 and 2. 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 Literature or Rhetoric; and Physical Education 3 and 4.

3. All Juniors are required to take Ethics.

4. Two years of foreign language. This may be counted in requirements 5 and 6.

5. Fifty hours additional in the group of one's choice, including a major in one department of eighteen to twenty-four hours.

6. Twenty-five hours additional in each of the other two groups.

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

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.

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 and theology.

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.

THE ACADEMY. After June, 1916, the Academy will be discontinued. Arrangements will be made by which those students who are deficient in some of the entrance requirements may carry those courses under the direction of the Faculty. It is requested that such students communicate with the President by September first.

KIMBALL COLLEGE OF THEOLOGY. This is a cooperating school pleasantly located upon the Willamette campus.

Students of Kimball College 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 College. The libraries and lectures of both institutions are freely open to all students.

Registration

Each class has one or more Faculty Class Advisers and the student should consult with his Adviser at the opening of the semester concerning his work. Registration 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 upon presentation to their various instructors 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 two dollars shall be charged and each additional examination during the same semester shall be one dollar. 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. 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 normal 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 certificate, 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 69.	
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, and 10.....	3.00
Chemistry, all other courses.....	5.00
Physics, 1 and 2.....	3.00
Mineralogy	2.00
Breakage deposit in Chemistry, per 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 each semester and the Student Body fee.

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

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

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

RECORD OF WORK. At the time of graduation, each student will be furnished with a complete copy of the work he has completed in the University. Other copies will be given by the Registrar upon the payment of \$1 each.

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 1916-17, 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 per week, first semester.*

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

Astronomy

1. GENERAL ASTRONOMY. *Two hours per 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 per week, second semester.* A more mathematical treatment. Prerequisites, Trigonometry and Elementary Physics.

Bible

1. THE OLD TESTAMENT. *One hour per 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 per 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 per 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 per 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 per 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 per 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. The course in Vertebrate Zoology is a prerequisite to this.

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

9 and 10. PLANT MORPHOLOGY. *One lecture and four hours of laboratory work per 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 1916-1917.

11 and 12. PLANT PHYSIOLOGY AND PLANT ECOLOGY. *One lecture and four hours of laboratory per 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.

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

14. THE THEORY OF ORGANIC EVOLUTION. *One hour per 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.

15. METHODS. *One hour per week, first semester.* Historical and technical lectures on the rise and progress of General Biology. Aim, 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 following 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 per 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 per 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 per 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 per 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 per 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. ORGANIC CHEMISTRY. *Four hours per week, first semester.* 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.

11. SANITARY AND HOUSEHOLD CHEMISTRY. *Four hours per week, first semester.* 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. A fee of \$3.00 is required. Prerequisites, Courses 1A and 2A or 1B and 2B.

12 and 13. 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.

14. INDUSTRIAL CHEMISTRY. Typical industries are studied for the purpose of bringing out the technique of applied chemistry as well as to give specific information regard-

ing the cases discussed. 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 taking Courses 11 and 12. Time and hours to be arranged with the instructor.

15. METHODS. *One hour per 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 breakage fee. Loss by damage or destruction of apparatus will be deducted from the deposit and the balance refunded at the close of the semester.

College Life

1. COLLEGE LIFE. *One hour per 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 principal topics discussed are: The purpose of the college, the college curriculum, the choice of courses, intellectual ideals, athletics and recreation, general reading, college organizations, college government, community life of the college, the college man in the world's work. 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 and 2, all Courses in this department are for Graduates and approved Juniors and Seniors.

1. ELEMENTS OF ECONOMICS. *Three hours per week, first semester.* 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."

2. ECONOMICS OF THE LIQUOR TRAFFIC. *One hour per week, second semester.* The Liquor Problem will be studied from historical, moral, hygienic, social, economic, industrial, political, national and international points of view. The personal and legal solutions will be given due consideration. Text: "Social Welfare and the Liquor Problem" by Harry S. Warner. Collateral reading, assigned topics and discussions.

3. HISTORY OF ECONOMICS. *One hour per 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.

4. PUBLIC FINANCE. *Three hours per week, second semester.* The leading principles of public finance and some of their practical applications in modern history, particularly that of the United States. The course is devoted largely to the subject of taxation, and considerable attention is given to present day problems. Seligman "Essays in Taxation"; Bullock "Selected Readings in Public Finance." Collateral readings, especially from "Reports of the National Conferences on State and Local Taxation." Lectures, recitations, written reports, and discussions. There will be a Prize Essay Contest on Taxation for 1916-1917.

5. MONEY AND BANKING. *Three hours per week, second semester.* 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 Tausig "Principles of Economics" Volume I. (Second edition revised, 1915.) Recitations, lectures and assignment of special topics. Not given in 1916-1917.

6. PROBLEMS OF LABOR AND INDUSTRY. *Three hours per 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. There will be a Prize Oratorical Contest on some Labor Problem for 1916-1917.

7. BUSINESS ORGANIZATION AND TRUSTS. *Three hours per 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 reading 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."

Education

NOTE.—All students who desire the University Teachers' Certificate will be required to pursue systematic courses in the Principles 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 and 2. HISTORY OF EDUCATION. *Two hours per week thruout the year.* 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.

3. MODERN EDUCATIONAL CLASSICS. *Two hours per week, second semester.* Some of the pedagogical writings to be read in this course are: Locke's Thoughts on Education; Rousseau's Emile; Spencer's Education; Huxley's Science and Education. Not given in 1916-1917.

4. PRINCIPLES OF EDUCATION. *Three hours per 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. *Three hours per 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 centres about those mental processes that are truly educative.

6. MORAL EDUCATION. *Two hours per week, second semester.* A consideration of the forces that mold 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 the human will to heredity and environment will be explained.

7. SCHOOL MANAGEMENT. *One hour per week, first semester.* The object of this course is to discuss the meaning and function of the school; its organization and equipment; the teacher—his physical, intellectual, moral, and religious

qualifications, classification, examination, promotion of pupils, pedagogical methods of study, government and control, will be discussed. Text-book, lectures, and discussions. Open to Freshmen and Sophomores.

8. SEMINAR IN EDUCATION. *One hour per 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.

English Language and Literature

Courses 1 and 2 are required of students taking their major in English. Those expecting to make English the subject of special study and those planning to teach it should consult with the head of the department before selecting their courses. Students in English Literature should take or have taken History 3 and 4.

PRIMARILY FOR FRESHMEN.

1. HISTORY AND DEVELOPMENT OF ENGLISH LITERATURE. *Three hours per week, first semester.* The reading of representative selections of English literature from "Beowulf" to the close of the Victorian period with the view to presenting in outline the development of the language and literature.

2. SHAKESPEARE. *Three hours per week, second semester.* About fifteen or twenty of Shakespeare's plays are read. Eight (A Midsummer Night's Dream; Henry IV, both parts; Henry V; Much Ado About Nothing; As You Like It; Hamlet; King Lear; The Winter's Tale, or The Tempest) are made the subject of special class study. Shakespeare's development in technique is traced from his period of early experimentation to the closing years of his dramatic career.

PRIMARILY FOR SOPHOMORES AND JUNIORS.

3. ANGLO-SAXON. *Three hours per week, first semester.* Bright's Anglo-Saxon Reader. The course is important for those expecting to pursue graduate work in English.

4. CHAUCER. *Three hours per week, second semester.* The chief aim of the course is to acquaint the student at first hand with a considerable body of Chaucer's verse. Due attention will be paid to Chaucer's language and his source material, and to his life and the political and social movements of his day.

5. THE AGE OF DRYDEN AND THE AGE OF POPE. *Three hours per week, first semester.* Besides studies in the life and work of these two dominant literary figures, there will be readings from Waller, Cowley, Butler, Oldham, Bunyan, Locke, Clarendon, Burnet, Defoe, Swift, Steele, Addison, Lady Montagu, Thompson, Young, and others. Classicism in English Literature and the development of modern prose.

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

7. POETRY OF THE VICTORIAN PERIOD. *Three hours per week, first semester.* Tennyson, Browning, Mrs. Browning, Arnold, Clough, Rossetti, Morris, Swinburne. A special study will be made of Tennyson. Not offered in 1916-1917.

8. PROSE OF THE VICTORIAN PERIOD. *Three hours per week, second semester.* Carlyle, Ruskin, Arnold, Macaulay, Newman, with some attention to the scientific prose of the time. Not offered in 1916-1917.

9. THE AGE OF JOHNSON. *Two hours per week, first semester.* A study of Johnson's life and work and of the men of his circle, particularly Boswell, Goldsmith, Burke, and Gibbon; the development of the novel in the work of Richardson, Fielding, Smollett, Sterne and Goldsmith; readings from some of the minor prose writers.

10. BURKE. *Two hours per week, second semester.* Careful study of Burke's most important political writings, especially the Speeches and Letters on American Affairs and the reflections on the Revolution in France. The course is intended primarily for those interested in public affairs.

PRIMARILY FOR SENIORS AND GRADUATES.

11. NON-DRAMATIC LITERATURE OF THE RENAISSANCE. *Two hours per week, first semester.* Italian influence in English Literature, the vogue of the sonnet and the lyric, the beginnings of criticism and of prose fiction, translations from contemporary foreign literature, are among the topics discussed. Not offered in 1916-1917.

12. SPENSER. *Two hours per week, first semester.* "The Faerie Queene" and minor poems. Spenser's relation to medievalism and the Renaissance; his place among Elizabethans; and his influence upon later poets. The course is largely a study in comparative literature with reference to the history of the pastoral. Not offered in 1916-1917.

13. THE DRAMA FROM 1590 TO 1642. *Two hours per week, first semester.* Reading of about thirty plays, beginning with Lyly's "Endymion" and ending with Shirley's dramatic work.

14. THE DRAMA FROM 1642 TO THE PRESENT. *Two hours per week, second semester.* Restoration Drama, Sentimental Comedy and the Comedy of Manners of the Eighteenth Century, Contemporary Drama with consideration of the work of leading European and American playwrights. Except by special permission, not open to those who have not taken Course 13.

15 and 16. SHAKESPEARE. *Two hours per week thruout the year.* A careful study of four or five plays, with investigation of special topics and problems. Not offered in 1916-1917.

17 and 18. BROWNING. *Two hours per week thruout the year.* Reading and interpretation of about half of Browning's poetry, including "The Ring and the Book."

19 and 20. AMERICAN LITERATURE. *Two hours per week thruout the year.* For the first semester, the literary history of America; for the second semester, study of a special topic or author—in 1917, Emerson and the Transcendental Movement.

21. THE TEACHING OF ENGLISH. *One hour per week thruout the year.* Methods and aims in the teaching of composition and literature in the secondary school.

French

1. ELEMENTARY COURSE. *Four hours per week, first semester.* Grammar, Fraser & Squair's Grammar, shorter edition. Easy short stories or other easy text; sight reading; pronunciation, conversation.

2. GRAMMAR CONTINUED. *Four hours per week, second semester.* Study of irregular verbs. Prose reading. Colomba, Merimee or Sans Famille, Mallot. Memory work. Pronunciation, dictation and conversation.

3 and 4. INTERMEDIATE COURSE. *Three hours per week thruout the year.* Study of irregular verbs completed. Authors such as Daudet, Halevey, Hugo and Dumas are read. Papers on works studied or on other given subjects. Grammar review; sight reading, composition and conversation; memory work.

5 and 6. ADVANCED COURSE. *Two hours per week thruout the year.* Outlines of French Literature. Study of the Classic Drama. Works of Corneille, Racine, Moliere or others read. Selections from Hugo, Musset, Voltaire, etc., read, partly in class, partly outside. La Fontaine's Fables or other poems studied and memorized. Papers on questions arising from the book read or on other given subjects. Ample composition and conversation.

Geology

1. GENERAL GEOLOGY. *Four hours per 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.

2 and 3. MINERALOGY, DESCRIPTIVE AND DETERMINATIVE. *One hour per 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 per semester is required.

4 and 5. ECONOMIC GEOLOGY. *One hour per 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. ELEMENTARY COURSE. *Four hours per week, first semester.* Grammar, Bacon's German Grammar; Haertel, German Reader for Beginners, Seeligmann—Altes und Neues or some other easy reader. Conversational exercises.

2. GRAMMAR CONTINUED. *Four hours per week, second semester.* Hillern, Hoeher als die Kirche; Zschokke, Das Wirthaus zu Cransac or some other book of similar grade. Poems for memorizing; dictation, composition and colloquial exercises based on texts read.

3 and 4. THE DRAMA. *Three hours per week thruout the year.* Special study of the Classic Drama. Works by Schiller, Grillparzer or others read. Lectures on the lives of the authors. Collateral, Riehl—Der Fluch der Schoenheit; Storm—Immensee or Der Schimmelreiter; memory work; dictation, composition and conversation.

5 and 6. STUDY OF GOETHE. *Three hours per week thruout the year.* Hermann and Dorothea, Iphigenie auf Tauris or other selections. Readings from modern writers

such as Sudermann, Hauptmann and others. Ample composition and conversation. Memory work.

7 and 8. STUDY OF GOETHE CONTINUED. *Two hours per week thruout the year.* His place among German writers and poets. Faust, first part and possibly second part, read and discussed. Papers presented from time to time on questions arising from this study. Reading from Lessing. Short history of German Literature. Ample composition and conversation. This course is open only to such students who have a good knowledge of the German language and have studied German for at least three years.

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. FIRST YEAR GREEK. *Four hours per week, first semester.* A study of the declensions and conjugations, the principles of syntax, and vocabulary.

2. Continuation of Course 1. *Four hours per week, second semester.* Xenophon's Anabasis, books I and II.

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

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

5. HOMER CONTINUED. *Three hours per 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.

6. PLATO. *Three hours per week, second semester.* The Apology and Crito. Studies in Greek philosophy. The reading of the Republic in translation.

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

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

8. GREEK DRAMA IN TRANSLATIONS. *Two hours per 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 per 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.

(5 and 6, and 9 and 10 will be omitted in 1916-1917.)

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

History

1 and 2. HISTORY OF WESTERN EUROPE. *Three hours per week thruout the year.* First Semester—The Mediæval Period 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 beginnings of the modern European state; medieval culture. Second Semester—The Modern Period to 1815; the Renaissance; Reformation; Catholic reformation; wars of religion; the age of Louis XIV; the development of modern European states.

3 and 4. HISTORY OF THE ENGLISH PEOPLE. *Four hours per week thruout the year.* The social, economic, religious, political and constitutional development of the English people from the Anglo-Saxon invasion to the present time. Frequent class discussions, collateral reading, and the preparation of papers on special subjects.

5. THE PROTESTANT REVOLUTION. *Two hours per week, first semester.* The Renaissance and the great religious reform movement of the Sixteenth century. Open to those who have had Courses 2 or 3, or an equivalent.

6. THE FRENCH REVOLUTION. *Two hours per week, second semester.* A study of the causes found in the condi-

tions 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 2 or 4, or an equivalent.

7 and 8. EUROPE IN THE NINETEENTH CENTURY. *Two hours per 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 2 or 4, or an equivalent. Not given in 1916-17.

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

10. AMERICAN CONSTITUTIONAL HISTORY. *Two hours per 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.

11 and 12. HISTORY OF CIVILIZATION. *Two hours per week thruout the year.* This course deals with the Eastern nations from the dawn of History and with the Greeks, Romans, and Teutons, the elements from which the modern world has grown. Its aim is to show the continuity of History. Little time is given to legends, anecdotes or wars. Attention is directed to the growth of society, to the development of institutions, to the fusion of peoples. Text: West's "Ancient History" and "Readings in Ancient History" by Prof. William S. Davis. Collateral readings, special topics, and lectures. Open to Graduates and approved 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.

1 and 2. **CICERO-VERGIL.** *Four hours per week thruout the year.* Six orations of Cicero will be studied and four to six books of Vergil's Aeneid.

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

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

5. **HORACE.** *Three hours per week, first semester.* Odes and Epodes.

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

7. **TERENCE.** *Two hours per week, first semester.* Andria and Adelphoe. Studies in the history and development of Latin Literature.

8. **TACITUS OR SUETONIUS.** *Two hours per week, second semester.* Annales, books I and II of Tacitus, or De Vita Caesarum, books I and II of Suetonius. Studies in the history and development of Latin Literature continued.

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

(7 and 8 or 9 and 10 will be omitted in 1916-17.)

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 schools. A major must include Courses 6 and 7.

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 per 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 per 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 per week, second semester.* Special emphasis is laid upon the practical numerical exercises.

4. PLANE TRIGONOMETRY. *Four hours per 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 of astronomy and navigation.

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

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

7. CALCULUS. *Three hours per week, second semester.* A continuation of Course 5. Expansion of functions, areas, volumes, length of curves, center of gravity, pressure of liquids.

8. METHODS. *One hour per week, second semester.* A critical and historical study of the logical foundations of sec-

ondary 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 per 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.

10 and 11. MECHANICS. *Two hours per 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.

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

1 and 2. PSYCHOLOGY. *Two hours per 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, emotion, and volition—will be emphasized. Text-book, lectures and discussions. This course is required of Sophomores who have not taken it in their Freshman year.

3 and 4. SEMINAR IN PSYCHOLOGY. *Two hours per week thruout the year.* This course is intended for those students having a general interest in the more advanced conceptions of the various mental processes. The course will be intensive as well as extensive. The psychological works of James, Munsterberg, Titchener, Yerkes, Sully, and Spencer will be consulted. Open to Juniors, Seniors, and Graduate students.

5. LOGIC. *Three hours per week, first semester.* This is an elementary course. A study of the outlines of inductive, deductive, and organic thinking, with particular reference to the methods of discovery and proof, to probability and certainty, to fallacies, and to the unity of thought. Not given in 1916-1917.

6. INTRODUCTION TO PHILOSOPHY. *Three hours per week, first semester.* The purpose of this course 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 per week, second semester.* This course 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. PROBLEMS OF PHILOSOPHY. *Three hours per week, first semester.* In this study much time will be given to the problems of cosmology, ontology, and epistemology. Some of the topics to be discussed are: Dualism, Materialism, Idealism, Agnostic Monism, Anthropomorphic Theism, Atomism, Idealistic Theism, Realism, Phenomenalism, Empiricism, and Rotimalism. This course will consist of lectures, discussions, assigned readings and themes.

9. HISTORY OF ANCIENT AND MEDIAEVAL PHILOSOPHY. *Two hours per week, first semester.* This study will endeavor to trace the development of philosophical thought from the Sixth century B. C. to the Sixteenth century A. D. The course will consist of a text-book study, discussions and lectures. Not given in 1916-17.

10. HISTORY OF MODERN PHILOSOPHY. *Two hours per week, second semester.* A review of the development of modern philosophic thought, from its beginning in the Six-

teenth 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 in 1916-17.

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 rank 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 breathing, 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 per week are required of all Freshmen and Sophomores not engaged in systematic athletic work on the field.

2. FIRST AID TO THE INJURED. *One hour per 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.

Physics

1. MECHANICS, SOUND, AND HEAT. *Three hours per week, first semester.* 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. A laboratory fee of \$3.00 is charged for this course.

2. ELECTRICITY, MAGNETISM, AND LIGHT. *Three hours per week, second semester.* 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 is charged for this course.

3. METHODS. *One hour per 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 per 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 2, 4, or 8, or an equivalent.

2. INTERNATIONAL LAW. *Two hours per 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

1 and 2. MIND, BODY, AND VOICE. *Two hours per week thruout the year.* This course is based upon the understanding that all expression must have a mental cause and prove it in the expression; and that the voice and body must become the obedient servants of the mind. Voice culture, breathing, poise, gesture, pronunciation, articulation, emphasis, tone, quality, etc., and their psychological relation.

3. ORATORY. *Two hours per week first semester.* Studies and short talks on methods of public address, and sources of power. Studies of representative orations. Preparation and delivery of orations. This course is especially recommended to all students interested in oratorical contest work. Prerequisites, Courses 1 and 2.

4. ORATORY CONTINUED. *Two hours per week, second semester.* Not offered in 1916-17.

5. DEBATE AND EXTEMPORANEOUS SPEAKING. *Two hours per week, first semester; also second semester.* Study and application of principles of Argumentation. Preparation of briefs—Topics discussed extemporaneously—Leading questions of the day, debated in class. Credit applied for inter-collegiate debate work. Prerequisite, Courses 1 and 2.

6. DEBATE AND EXTEMPORANEOUS SPEAKING CONTINUED. *Two hours per week, second semester.* Not offered in 1916-17.

7 and 8. MASTERPIECES. *Two hours per week thruout the year.* The Bible, the plays of Shakespeare, poetry of Browning, Tennyson and other masters, studied with reference to the spiritual significance of the text, vocal interpretation, and differentiation of the characters. Prerequisite, Courses 1 and 2.

9 and 10. PLATFORM READING—ARTISTIC COURSE. *Two hours per week, first semester.* A course in the preparation of poems, stories, etc.; the cutting of scenes from novels and plays, and the training of them for public presentation.

Special attention to platform deportment. Programs prepared and presented in public. Open only to a limited number of advanced students, by permission.

11. MEMORY TRAINING. *One hour per week, second semester.* A scientific study of Memory, and how to train it.

12. INDIVIDUAL INSTRUCTION. Private work in this department can be arranged by consultation with the Professor in charge, who will decide fees for same.

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 College of Theology. They are open to students of the College of Liberal Arts on the following conditions:

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

2. 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 per week thruout the year.* Critical reading with exegetical study. In 1916-17 selections from the Epistles will be studied.

3. HISTORICAL GEOGRAPHY OF PALESTINE. *One hour per 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 per 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 per week, first semester.* The history of the Hebrew people and of the unfolding of the kingdom of God upon earth, on the basis of the Bible narrative.

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

7 and 8. CHURCH HISTORY. *Three hours per 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 per week thruout the year.* From the Reformation to the present time. Not given in 1916-17.

11. CHRISTIAN EVIDENCES. *Two hours per week, second semester.* A study of the fundamentals of Christianity and of the value of Christian experience. Not given in 1916-1917.

12 and 13. PSYCHOLOGY OF RELIGION. *Two hours per 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 per week, first semester.* A survey of the various non-biblical systems of religion and of their relation to Christianity. Not given in 1916-17.

15. THEISM. *Two hours per week, second semester.* A study of the philosophic basis of this great belief of humanity. Not given in 1916-17.

16 and 17. OLD TESTAMENT AND NEW TESTAMENT INTRODUCTION. *Two hours per 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 1916-17.

18 and 19. MISSIONS. *One hour per 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 per 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.

21 and 22. HISTORY OF DOCTRINE. *Two hours per week thruout the year.* A study of the progress of Christian thought from the beginning of Christianity to the present.

Rhetoric

LITERARY FORMS AND CRITICISM.

Requirements of the Department.

For a minor, twelve credits, including Courses 3 and 4, in addition to Courses 1 and 2.

For a major, eighteen credits, including Courses 3 and 4, in addition to Courses 1 and 2.

1 and 2. CONSTRUCTIVE ENGLISH. *Three hours per week thruout the year.* Required of Freshmen. Practical training in writing; study of the principles of structure; analysis of specimens of good prose. Required readings, short themes, and fortnightly essays.

3 and 4. ADVANCED RHETORIC. *Two hours per week thruout the year.* Open to those who have completed Courses 1 and 2. Structure and Style, theoretically and practically considered; the oral presentation of topics. In the composition work the student is allowed to select his own subjects and methods of treatment. Required readings.

5 and 6. A STUDY OF LITERARY FORMS. *Three hours per week thruout the year.* Open upon approval of the Instructor to Juniors and Seniors who have completed Courses 1 and 2. A brief treatment of the elements in Literature, e. g., vigor, truth, clearness, feeling, and the like; an exposition of literary forms, e. g., the epic, lyric, drama, novel, etc., in relation to the evolution and methods of judging each. Essays and reports.

7. THE EPIC AS A LITERARY FORM. *Two hours per week, first semester.* A detailed study of the Epic, its origin and history. Reports. Open to Juniors and Seniors.

8. THE LYRIC. *Two hours per week, second semester.* The nature of poetry and an analysis of English meters and of various English verse forms. The theory accompanied by

criticism of current poetry and practice in writing lyrics. A brief history of lyric poetry. Open to Juniors and Seniors.

9. ANALYSIS OF PROSE. *Two hours per week, first semester.* Open to Juniors and Seniors who have completed Courses 3 and 4. The principles of structure, diction, and style, which underlie the work of leading writers; application of these principles in original composition. Themes based on personal observation, current reading, and investigation; preparation of essays with particular classes of readers in view.

10. SHORT STORY WRITING. *Two hours per week, second semester.* Open to Juniors and Seniors who have shown exceptional proficiency in Course 4. The short story as an art-form; a study of its technique; constructive work in story writing; reading of typical short stories. Individual aid given to the student in the writing and in the criticism.

11 and 12. ESSAY WRITING. *Three hours per week thruout the year.* Open to Juniors and Seniors who have completed Courses 3 and 4. Practice in the writing of such forms of the essay as the didactic, the critical, the informal; opportunity for extended composition. About three essays a semester are written. Individual aid given to the student in the planning of each paper, and the criticism of each essay. Analysis of modern essays.

13 and 14. DRAMATIC TECHNIQUE. *Two hours per week thruout the year.* Open upon approval of the Instructor to Juniors and Seniors. A study of the Drama as a literary form. A detailed analysis of the theory of the Drama, based on the plays of Henrik Ibsen. Other arrangements may be ascertained upon application to the department.

15 and 16. THE NOVEL AS A LITERARY FORM. *Two hours per week thruout the year.* Open upon approval of the instructor to Juniors and Seniors. Technique and Principles of Fiction. Other arrangements may be ascertained upon application to the department.

Scandinavian Languages and Literature

This department offers instruction in all of the Scandinavian Languages (Norwegian, Danish, Swedish, and Old Norse). From one year's instruction in Modern Norse the student is expected to be able to read both Norwegian and Danish authors. The principal courses are devoted mainly to Norwegian authors, but additional instruction in Danish, Swedish, and Icelandic Literature is offered to students desiring to pursue these branches beyond the limits of the prescribed courses. Courses 1 to 4, inclusive, or Courses 5 to 7, inclusive, may be taken as part of the required language work in the College of Liberal Arts.

1 and 2. MODERN NORSE. *Three hours per week thruout the year.* Olsen's "Norwegian Grammar and Reader" together with easy selections in prose and poetry. For beginners.

3 and 4. MODERN NORSE. *Three hours per week thruout the year.* Selections from the reader, Bjornson's "Synnove Solbakken (Flom's Edition) and his shorter peasant stories.

5 and 6. NORSE. *Two hours per week thruout the year.* Kjelland's "Skipper Worse" and Gundersen's "Norske Digte." Two dramas by Holberg and three by Oehlenschlaeger are assigned for outside reading.

7. IBSEN'S "BRAND" AND "PEER GYNT." *Two hours per week, second semester.* Four of his social dramas in addition. These are to be read critically and studied from a linguistic, literary and ethical point of view.

8. HENRIK IBSEN. *Two hours per week, second semester.* Lectures and interpretation of selected works. Early influences; development of Ibsen's view of life; his technique, etc.

9. ELEMENTARY SWEDISH. *Two hours per week, first semester.* Elmquist's "Swedish Grammar" and reading of easy prose; Selma Lagerlof's "En Herrgardssagen," and Runeberg's "Fanrik Stals Sagner."

10 and 11. SWEDISH LITERATURE. *Two hours per week thruout the year.* Tegner's "Frithjofs Saga"; Vinsnes

and Aanrund's "Svenske Digtere," and Warburg's "Svensk Litteraturhistoria," Selma Lagerlof's "Gasta Berlinga Saga" and "Jerusalem" are assigned for outside reading.

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 and 2. ANTHROPOLOGY. *Two hours per week throughout 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 language, 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: "Anthropology" and "Primitive Culture," by E. B. Tylor. Also "Anthropology," by R. R. Marett, for an introduction to Archæology, Religion, and Social Organization. Text-book, collateral reading, written reports, discussions.

3. STATISTICS AND STATISTICAL METHODS. *Three hours per week, first semester.* This course is designed to prepare students to use approved statistical methods discriminately 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.

4. **PRINCIPLES OF SOCIOLOGY.** *Three hours per week, first semester.* For Graduates and approved Juniors and Seniors. A study of social causation. The relation of physical, biological, psychological, racial, and economic factors to population, social organization and social progress. Text-book: *The Principles of Sociology*, by Giddings, and "Outlines of Sociology" by Blackmar and Gillen.

5. **SOCIAL PSYCHOLOGY.** *Three hours per week, second semester.* For Graduates and approved Juniors and Seniors. 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 contemporary society. Text-books: "Social Psychology," by Ross; Wm. McDougall, "Social Psychology"; G. Waller, "The Great Society." "Society in Its Psychological Aspects," by Charles A. Ellwood. Recitations, topical assignments, written reports, research work.

Spanish

1. **ELEMENTARY COURSE.** *Three hours per week, first semester.* Grammar, Coester's Spanish Grammar. Some easy reader. Conversation.

2. **GRAMMAR CONTINUED.** *Three hours per week, second semester.* Easy prose reading. Books such as Escrich's *Fortuna*; Valera—*El Jajardo Verde*, *Flores de Espana*, etc., read. Dictation, composition and conversation. Memory work.

3 and 4. **PROSE AND DRAMA.** *Three hours per week thruout the year.* Galdos' *Dona Perfecta*, *Marionela* or others. Study of works by Echegaray, Nunez de Arce or other dramatists. Papers on work read or other given subjects. Drill in modern idioms. Reading of some newspaper or magazine. Study of some commercial reader will be considered. Cervantes' *Don Quijote de la Mancha*. Memory work. Conversation.

COLLEGE OF LAW

CALENDAR

1916.

September 14-16—Registration and Examinations.

September 18—Instruction begins.

November 29—Thanksgiving vacation begins.

December 4—Second term begins.

December 23—Christmas vacation begins.

1917.

January 2—Christmas vacation ends.

February 5—Third term begins.

April 2—Fourth term begins.

May 20—Baccalaureate Sunday.

May 26—Commencement Day.

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

Location

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

Library

The Law Department of the Willamette University has exceptional library facilities on account of its location directly across the street from the State Library, containing more than thirty thousand volumes of which the students have the use at

all times and in which are found many of the documents of historic value and copies of the laws of every state in the United States, from the earliest colonial times. The decisions of the Appellate and Supreme Courts of all the states and decisions of the Federal Courts from lowest to highest as well as the reported decisions from Great Britain, Canada and all the countries wherein the common law prevails, as well as many of the reports and codes of civil law countries, thus covering all sources of information concerning the history, administration and practice of the Law. 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 opportunities 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 is well worth attention. The moral and religious influence of the institution is especially good.

Law Course of Study

FRESHMAN YEAR

Subject	Leet	First Term 11 Weeks 62 Lectures	Second Term 8 Weeks 48 Lectures	Third Term 8 Weeks 48 Lectures	Fourth Term 8 Weeks 48 Lectures
Blackstone	62	Begins Sept. 18 Ends Nov. 28			
Contracts Agency	33		Begins Dec. 4 Mondays Thursdays	Mondays Thursdays Ends March 29	
Personal Property	16				Begins April 2 Mondays Thursdays Ends May 24
Criminal Law and Procedure	32		Begins Dec. 5 Tuesdays Fridays	Tuesdays Fridays Ends March 30	
Torts	16			Begins April 3 Tuesdays Fridays Ends May 25	
Domestic Relations	15		Begins Dec. 6 Wednesdays Saturdays Ends Feb. 3		
Bailments and Carriers	16			Begins Feb. 7 Wednesdays Saturdays Ends March 31	
Real Property	16				Begins April 4 Wednesdays Saturdays Ends May 26

JUNIOR YEAR

Subject	Lect.	First Term 11 Weeks 62 Lectures	Second Term 8 Weeks 48 Lectures	Third Term 8 Weeks 48 Lectures	Fourth Term 8 Weeks 48 Lectures
Real Property	54	Begins Sept. 18 Mondays Thursdays	Mondays Thursdays Ends March 29		
Evidence	37	Begins Sept. 19 Tuesdays Fridays	Tuesdays Fridays Ends Feb. 2		
Equity	32			Begins Feb. 6 Tuesdays Fridays	Tuesdays Fridays Ends May 25
Equity	16				Begins April 2 Mondays Thursdays Ends May 24
Bills and Notes	35	Begins Sept. 20 Wednesdays Saturdays	Wednesdays Saturdays Ends Feb. 3		
Partnership and Corporations	16			Begins Feb. 7 Wednesdays Saturdays	Wednesdays Saturdays Ends May 26

SENIOR YEAR

Subject	Lect.	First Term 11 Weeks 62 Lectures	Second Term 8 Weeks 48 Lectures	Third Term 8 Weeks 48 Lectures	Fourth Term 8 Weeks 48 Lectures
Pleading	54	Begins Sept. 18 Mondays Thursdays	Mondays Thursdays	Mondays Thursdays Ends March 29	
Constitutional Law and International Law	16				Begins April 12 Mondays Ends May 24
Code	69	Begins Sept. 19 Tuesdays Fridays	Tuesdays Fridays	Tuesdays Fridays	Tuesdays Fridays Ends May 25
Federal Court Practice and Bankruptcy	20	Begins Sept. 20 Wednesdays Saturdays Ends Nov. 25	Wednesdays Saturdays Ends Feb. 3	Final Review	Final Review

Requirements for Admission

Applicants 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.

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, address Professor A. A. Hall, Secretary of the Law Faculty, Willamette University, 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. 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 Musical 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 happily past when the pedagog 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. Beginning with the Fall of 1916, a festival chorus will be organized 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.

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.

Appearance 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.

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

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

Chorus, the entire year.

Practice Sight Singing, with an instrument two to three hours 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.

Psychology.

Chorus, the entire year.

Practice in Sight Reading and with an instrument, two to three hours 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 1916-1917.

Fees

PIANO, VOICE, VIOLIN, VIOLA, VIOLONCELLO.

Private lessons, two each week, per semester.....\$32.00
Private lessons, one each week, per semester..... 18.00

(A charge of ten per cent additional will be made for lessons given by Dr. Chace. One lesson per week in violin will cost \$24.00 per semester, and will be forty minutes in length.)

PIPE ORGAN.

Private lessons, two each week, per semester.....\$54.00
Private lessons, one each week, per semester..... 30.00

HISTORY, HARMONY, COUNTERPOINT.

Two lessons each week, per semester.....\$10.00

GLEE CLUBS AND CHORUS.

Instruction Free

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..... .30

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. Chace, 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, 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 is 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 cooperate 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. Dr. Chas. A. Bowen, of Seattle, conducted a series of such meetings for ten days in February, resulting in decisions and a quickened religious life on the part of many persons.

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 pre-

supposes 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 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.

PRIZES. Hon. Walter E. Keyes, of Salem, offers two prizes of \$15 and \$10 to the winners of first and second honors in oratory. It is hoped that prizes will be provided for the contestants in debate and declamation. Two prizes of \$10 each are offered by the Alumni Association for the best work in Latin and in Constitutional History.

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.

SOME OF THE CHAPEL SPEAKERS:

Pres. E. L. Todd	Mrs. Mary C. Curtis, Missions
Sec. I. B. Rhodes, Y. M. C. A.	Rev. C. A. Bowen
Miss L. M. Hefty, Missions	T. S. McDaniel
Rev. L. N. B. Andrews	Governor James Withycombe

Mrs. A. W. Patton, Missions	B. L. Steeves
Miss E. R. Hopkins, Y.W.C.A.	Miss E. M. Wills, Temperance
Hon. R. P. Hobson, Temperance	Rev. G. F. Hopkins
Miss Virginia Arnold	Hon. R. A. Booth
Mrs. C. H. Castner	Rev. R. N. Avison
Mrs. Fawcett, Dean O. A. C.	A. M. Smith
Bishop R. E. Cooke	I. H. Van Winkle
Dr. Frank E. Brown	Judge H. L. Benson
Miss Florence Twidwell, Deaconess	G. L. Tufts, Sunday Observance
Miles B. Fisher	Rev. J. W. McDougall

FACULTY LECTURE COURSE (Free).

Pres. Carl Gregg Doney, The War and Religion.
 Dean George H. Alden, What I Saw in Mexico.
 Prof. Frank W. Chace, Organ Recital.
 Prof. Robert E. Stauffer, Rabindranath Tagore: Hindoo Poet.
 Dr. J. H. Frachtenberg, The American Indian.
 Prof. Chas. L. Sherman, The Mission of Education.
 Prof. Alice H. Dodd, Pre-Raphaelitism.
 Prof. John O. Hall, Ibsen, the Norse Dramatist.
 Prof. Morton E. Peck, Between Two Kingdoms.
 Prof. F. Von Eschen, Chemistry in Every Day Life.
 Prof. James T. Matthews, The Fourth Dimension.

SALEM PUBLIC LIBRARY COURSE (Free).

Col. C. E. S. Wood, Underlying Causes of the War.
 Pres. Carl Gregg Doney, Friedrich Nietzsche.
 Prof. C. I. Lewis, Cost of Production.
 Gov. James Withycombe, Oregon and Its Resources.
 Pres. W. T. Foster, Preparation for War and World Peace.
 Dr. Arthur P. McKinley, Campaigning in Belgium in 57 B. C.
 Dr. J. N. Smith, Problem of the Feeble-minded.
 Prof. Chas. L. Sherman, Evolution of the Sense of Citizenship.
 Prof. Wallace MacMurray, Drama of Today.
 Miss Ida Davis, Interpretative Readings.
 Prof. Robert E. Stauffer, Oregon Literature.
 Dr. Hector Macpherson, Rural Credits.
 Prof. Florian Von Eschen, Geology of Oregon.
 Prof. Morton E. Peck, Life Zones of Oregon.

DRAMA COURSE. Prof. MacMurray yearly offers a course of ten or twelve lectures on the drama, or other literary subject.

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 four. 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.

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

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

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.

Board and Rooms

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 \$4.50 and \$5.00 per week, depending on the room desired. Payment of \$40.00 on board and room account 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 a student coming into the Hall.

BOARDING CLUBS. Two cooperative clubs have kitchens and dining rooms in the basement of Waller Hall. The board is satisfactory and at a cost of \$3.00 per week. Other cooperative boarding and rooming clubs are conducted elsewhere at an expense ranging from \$2.00 to \$5.00 per week for both room and board.

Gifts

During the present school year the University has received the following gifts, which are gratefully acknowledged: Mr. Henry Clews, of New York City, \$500 towards endowing a library alcove in memory of Dr. John H. Coleman, who was president of the University from 1902 to 1908. Mrs. Mary Stewart, of Corvallis, \$500 legacy for the general endowment. Mr. A. M. Smith, of Portland, \$200 for new books for the library. The Warren Construction Co., of Portland, \$108.80 for periodicals. Dr. Frank Brown, of Council, Idaho, and Mr. Paul Wallace, of Salem, each \$25 for campus improvement. A Friend, \$50 for the museum. Dr. Alma Webster Powell, of New York City, her services in a concert for the benefit of the library. Mr. Jas. Mason and Miss Margaret Morris of Springfield, each \$25 for hymnals. Drs. Steeves and Findley, of Salem, \$25 for prizes. Mr. J. O. Goltra, of Salem, \$50 toward debt fund. A number of publishers and authors who have donated books and periodicals.

Needs of the University

The service which Willamette University has been enabled to render for almost three-fourths of a century, its excep-

tional location, its campus, buildings and equipment, its ideals and the service it is now rendering suggest that the institution is worthy of other gifts. It is now in urgent need of a women's dormitory and an assembly hall. In order to continue to do the best work, it should have a central heating plant, additions to the library fund and to the general endowment. There are three ways to make gifts:

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

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

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

DEGREES CONFERRED

June, 1915

DOCTOR OF DIVINITY—

Abbott, James T. Eugene, Oregon

BACHELOR OF ARTS—

Bartholomew, Mildred Portland, Oregon
Barton, Kate Salem, Oregon
Bolt, Eric P. Marshfield, Oregon
Cone, Mary Lydia Springfield, Utah
Doane, Emery David Ontario, Oregon
Eakin, Gertrude Salem, Oregon
Fields, Alice L. Salem, Oregon
Francis, Frank S. Metzger, Oregon
Graham, Stella Salem, Oregon
Irvine, Harry S. Salem, Oregon
Irvine, Paul Salem, Oregon
Jory, Harold B. Salem, Oregon
Lent, Lelia Portland, Oregon
Marcy, Milton Falls City, Oregon
Miller, Eunice H. Salem, Oregon
Mulkey, Daisy Woodburn, Oregon
McBride, Ina Mildred Corvallis, Oregon
McCaddam, Glen J. Salem, Oregon
McDaniel, Bruce William Salem, Oregon
Paget, Merwyn E. Portland, Oregon
Pearce, Helen Salem, Oregon
Pfaff, Roland Leslie Salem, Oregon
Runner, Naomi A. Salem, Oregon
Sackett, Leland Russell Sheridan, Oregon
Schnasse, Clara Louise Walla Walla, Washington
Stocker, Jacob Foster, Oregon
Thompson, Grace E. Salem, Oregon
Tobie, Harvey Elmer Greenacres, Washington
Van Winkle, Keith Albany, Oregon

REGISTER OF STUDENTS

College of Liberal Arts

POST GRADUATES—

Cone, Mary Lydia	Springville, Utah
Gilkey, Errol Clarence	Grants Pass, Oregon
McBride, Ina Mildred	Corvallis, Oregon
Thompson, Grace Eleanor	Salem, Oregon

SENIORS—

Avison, Lydia Genevieve	Salem, Oregon
Bain, J. R.	Salem, Oregon
Ball, Maxwell E.	Portland, Oregon
Blatchford, Herbert H.	Albany, Oregon
Brunk, Thomas Earl	Salem, Oregon
Cook, David Livingston.....	Salem, Oregon
Gary, John L.	Salem, Oregon
Gerhart, Joseph E.	Emmett, Idaho
Gittins, Frances Willard	Tillamook, Oregon
Gleiser, Nellie Vine	Palouse, Washington
Gleiser, Walter S.	Palouse, Washington
Hall, Arnold E.	Portland, Oregon
Hogue, Eva Belle	Salem, Oregon
Holt, Beryl LaPerta	Salem, Oregon
Hoxie, Edna Valeda	Salem, Oregon
Jasper, Franklin Merrill	Salem, Oregon
Jewett, Howard	Salem, Oregon
Lorntsen, Edith Florence	Astoria, Oregon
McMillin, Frederick Ansten	Salem, Oregon
Ohling, Elma A.	Albany, Oregon
Page, Florence A.	Salem, Oregon
Ridgeway, William	Salem, Oregon
Ross, Ada Carolyn	Salem, Oregon
Ross, Laura	Salem, Oregon
Savage, Harry H.	Salem, Oregon
Shisler, Lloyd Wendell	Harrisburg, Oregon
Smith, Paul R.	Salem, Oregon
St. Pierre, Mabel	Salem, Oregon
Wastell, Helen	Oakland, California
Winters, Ruth R.	LaGrande, Oregon
Yarnes, Thomas David	Salem, Oregon

JUNIORS—

Adams, Wallace	Weiser, Idaho
Bartlett, Willis M.	Newberg, Oregon
Botsford, Irma	Salem, Oregon
Brown, Lois E.	Mohler, Washington
Carson, Gladys Ella	Salem, Oregon
Chapler, Karl A.	Salem, Oregon
Clark, Ola L.	Salem, Oregon
Cooksey, Carrie H.	Salem, Oregon
Douglass, Leigh Carroll	Wenatchee, Washington
Emmel, Aetna	Sherwood, Oregon
Emmel, Esther Viola	Sherwood, Oregon
Flegel, Earl Coulson	Portland, Oregon
Gates, Grover A.	Salem, Oregon
Gilbert, Rosamond	Salem, Oregon
Gillette, Alpheus J.	Woodburn, Oregon
Goldberger, Valeria	Mapleton, Iowa
Gralapp, Arnold L.	Salem, Oregon
Hammond, Wesley H.	Salem, Oregon
Hodge, Ruth	Salem, Oregon
Housel, Flora Evalyn	Middleton, Idaho
King, Sam R.	Emmett, Idaho
Liening, Gustav F., Jr.	Portland, Oregon
Maclean, Violet	Portland, Oregon
Miles, Lyra B.	Salem, Oregon
Minton, Emma	Salem, Oregon
McInturff, Eugenia	Salem, Oregon
Reetz, Carl A.	Newberg, Oregon
Rosche, Olive A.	Salem, Oregon
Steeves, Laban A.	Salem, Oregon
Tasker, Harriet Ruth	Portland, Oregon
Taylor, Esther Leeper	Chemawa, Oregon
Tobie, Addie	Greenacres, Washington

SOPHOMORES—

Austin, Leland	Woodburn, Oregon
Baker, Blanche	Hillyard, Washington
Beaver, Nellie M.	Ashland, Oregon
Billings, Edna B.	Harrington, Washington
Bird, Edith	Spokane, Washington

Boughey, Mabel Alethea	Salem, Oregon
Bowers, Harry P.	Halsey, Oregon
Brewster, Bernard	Centralia, Washington
Cathey, Evelyn McFeron	Klamath Falls, Oregon
Cooley, Lola	Hillsboro, Oregon
Cotton, Earl B.	Fruitland, Idaho
Cunningham, Gertrude	Salem, Oregon
Doughty, Lila	Sheridan, Oregon
Doxsee, Herald	Brownsville, Oregon
Dupertuis, Helene	Salem, Oregon
Eakin, Harold	Salem, Oregon
Eyre, Mary	Salem, Oregon
Ford, Bert	Salem, Oregon
Garrett, Mabel	Salem, Oregon
Garrison, Margaret	Salem, Oregon
Goltra, Helen	Salem, Oregon
Gregg, Henry C.	Ballston, Oregon
Harris, Averill Lucille	Salem, Oregon
Hofer, Florence A.	Salem, Oregon
Jaskowski, Lucille	Salem, Oregon
Jeffrey, Walter Roland	Roseburg, Oregon
Keefer, Charles Murray	Salem, Oregon
Kelty, William Wesley	Clatskanie, Oregon
Lee, Lloyd A.	Salem, Oregon
Luthy, Marie	Salem, Oregon
Lyon, Roger R.	Caldwell, Idaho
Mark, Olive	Sheridan, Oregon
Matthews, Donald Navarre	Salem, Oregon
Maulden, Robert William	Grandview, Washington
Metcalf, Ray Will	Salem, Oregon
Miller, Harold C.	Dallas, Oregon
Miller, Paul William	Tenino, Washington
Moore, John Stanford	Willamina, Oregon
McKennon, Fannie	Union, Oregon
McKinney, Birdene	Salem, Oregon
McQueen, Harold R.	Kelso, Washington
Packenhams, Litha	Boise, Idaho
Patchin, Nellie	Salem, Oregon
Peringer, Ruth	Bellingham, Washington
Perkins, Clara A.	Portland, Oregon

Proctor, Errol	Salem, Oregon
Randall, Charles R.	Rathdrum, Idaho
Reigelman, Evelyn Floy	Salem, Oregon
Slabaugh, Warren Burton	Wenatchee, Washington
Spiess, Gustavus Adolphus	Yamhill, Oregon
Spoor, Ruth	Salem, Oregon
Stewart, Ruth C.	Athena, Oregon
Troy, Josephine	Salem, Oregon
Walker, Arlie	Woodburn, Oregon
Wells, Fern	Dallas, Oregon
White, Esther M.	Philomath, Oregon

FRESHMEN—

Abraham, Bernice	Roseburg, Oregon
Adams, Dean	Weiser, Idaho
Adams, Hazel Dela	Union, Oregon
Anderson, Edith Marie	Boring, Oregon
Archibald, Raymond	Albany, Oregon
Arenz, Laura	Salem, Oregon
Attebery, Raymond	Everett, Washington
Avison, Richard	Salem, Oregon
Bagley, Winifred	Salem, Oregon
Bailey, Leslie B.	Eugene, Oregon
Benson, Louise	Salem, Oregon
Bolin, Faye Janette	Brownsville, Oregon
Brown, Paul	Amity, Oregon
Burcham, Otto	Cottage Grove, Oregon
Carpenter, Lois	Lebanon, Oregon
Castile, A. J.	Nampa, Idaho
Collier, Marie L.	Canby, Oregon
Conley, Bryan	Nampa, Idaho
Cox, Esther	Arlington, Oregon
Davenport, Erma	Sumpter, Oregon
Edmiston, Sylvia B.	Sherwood, Oregon
Edwards, Herman F.	Cottage Grove, Oregon
Esteb, Lemuel Earl	Echo, Oregon
Fowle, Teresa	Salem, Oregon
Fuller, Myrtle Margaret	Lewiston, Idaho
Gard, LeRoy	Estacada, Oregon
Green, Ruth E.	Halsey, Oregon
Haight, Loyd	Salem, Oregon

Haines, Clarice	Salem, Oregon
Haines, Helen	Salem, Oregon
Hall, Russell F.	Lebanon, Oregon
Clement, Roy Clement	Garfield, Washington
Irvine, Athill Wentworth	Salem, Oregon
Jackson, Rein Everett	Emmett, Idaho
Jeffrey, Dorothy	Roseburg, Oregon
Johnson, Lelia	Salem, Oregon
Jones, Allan V.	Salem, Oregon
Jones, Lela Mae	Brownsville, Oregon
King, Beatrice Angeline	Salem, Oregon
Kloster, Dwight A.	Dufur, Oregon
Kloster, Vernon John	Dufur, Oregon
Maclean, Maude	Portland, Oregon
Mallory, Margaret	Portland, Oregon
Mann, Irvin L.	Pendleton, Oregon
Marsters, William Dow	Halsey, Oregon
Mickey, May	Turner, Oregon
Mills, Harry Quinn	Salem, Oregon
Minton, Joseph	Salem, Oregon
Moore, Helen	Albany, Oregon
Morse, Bernard	Chelan, Washington
Mulligan, Vesta May	Rainier, Oregon
McKinney, Venita	Turner, Oregon
Nichols, Gladys	Newberg, Oregon
Ohling, Merrill D.	Albany, Oregon
Otto, Fred	Seaside, Oregon
Paine, Myrtle	Toledo, Oregon
Parounagian, Mary	Salem, Oregon
Paulus, Otto Karl	Salem, Oregon
Peterson, Arvid V.	Attalia, Washington
Priddy, Foster	Lakeview, Oregon
Rahskopf, Horace G.	Coquille, Oregon
Randall, Don	Salem, Oregon
Roberts, Hazel	Salem, Oregon
Rosche, Fabian	Salem, Oregon
Rosenquest, Zita	Salem, Oregon
Sandifur, Franklin Iles	St. Helens, Oregon
Sherwood, Grace Elizabeth	Salem, Oregon
Sherwood, William Edwin	Salem, Oregon

Sparks, Lestle Jesse	Bandon, Oregon
Stam, Benly	Tillamook, Oregon
Steiner, Barbara Golden	Salem, Oregon
Sterling, Carolyn	Wenatchee, Washington
Stewart, Louis Francis	Athena, Oregon
St. Pierre, Lucile	Salem, Oregon
Tasto, Hilbert	Salem, Oregon
Tebben, Charlotte	Portland, Oregon
Tebben, Elizabeth	Portland, Oregon
Teall, Fred Perry	San Mateo, California
Teel, Theodosia	Salem, Oregon
Teeters, Glenna	Weiser, Idaho
Thompson, Joseph H.	Union, Oregon
Thompson, Mae	Union, Oregon
Tobie, Harold	Greenacres, Washington
Trew, Gladys Estelle	Hoquiam, Washington
Webb, Floyd T.	Redding, California
Wells, Fay	Dallas, Oregon
Wiedmer, Leona	Salem, Oregon
Wiggins, Mildred	Toppenish, Washington
Williamson, Reba	LaGrande, Oregon
Wilson, Harvey	Everett, Washington
Womer, Chester Franklin	Estacada, Oregon
Wood, Helen	Salem, Oregon

COLLEGE SPECIALS—

Anderson, Gustav A.	Salem, Oregon
Bagley, Frank H.	Salem, Oregon
Bayne, Kenneth	Salem, Oregon
DeLong, Dow	Salem, Oregon
Dodd, Mrs. Alice H.	Salem, Oregon
Emmons, Lucile	Salem, Oregon
Ewing, James Harvey G.	Cecil, Oregon
Fletcher, James Donald	Buell, Oregon
Gage, Laurence E.	Salem, Oregon
Hill, Dan B.	Eugene, Oregon
McCaddam, Lela Belle	Salem, Oregon
Nicholl, William	Salem, Oregon
Roger, Howard	Cambridge, Idaho
Van Winkle, J. Stanley	Albany, Oregon
Wight, Harvey A.	Lebanon, Oregon

College of Law

SENIORS—

Grant, Ray A.	Salem, Oregon
McGilchrist, Millar E.	Salem, Oregon
Sheeley, Lester	Vernonia, Oregon
Smith, Paul R.	Salem, Oregon
Walker, Arlie G.	Woodburn, Oregon

JUNIORS—

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

FRESHMEN—

Bayne, Kenneth	Salem, Oregon
Byrd, Clarence M.	Salem, Oregon
Ellis, William P.	Salem, Oregon
Hayden, Miller B.	Salem, Oregon
Hendricks, Paul	Salem, Oregon
Hicks, Tero Morley	Salem, Oregon
Hill, Dan B.	Eugene, Oregon
Jahn, Kathryn L.	Salem, Oregon
Mott, James W.	Salem, Oregon
McCallister, Joe L.	Salem, Oregon
Neuner, Frank J.	Roseburg, Oregon
Rogers, Howard J.	Cambridge, Idaho
Schramm, Alfred A.	Salem, Oregon
Small, Brazier	Turner, Oregon
Smith, Fred J.	Salem, Oregon
Stricklin, Charles E.	Salem, Oregon

Academy

FOURTH YEAR—

Armstrong, Eldon T.	Salem, Oregon
Crowder, Pearl	Wasco, Oregon
Doney, Paul Herbert	Salem, Oregon
Doxsee, Eva	Brownsville, Oregon
Findley, Mary E.	Salem, Oregon
Gatke, Robert M.	Portland, Oregon
Jones, Areta V.	Gervais, Oregon
Lewis, George	Salem, Oregon
Lonsberry, Lynn	Eugene, Oregon
McAllister, Lee	Salem, Oregon
McCain, Mrs. Roxy	Topeka, Kansas
McCully, Lucile D.	Joseph, Oregon
Sheeley, Lester	Vernonia, Oregon
Stoute, Edward P.	Salem, Oregon
Waugh, Robert Walter	Hood River, Oregon

THIRD YEAR—

Alden, Rodney W.	Salem, Oregon
Archibald, Clinton	Albany, Oregon
Grosvenor, Frank	Salem, Oregon
Mickelson, Frederick R.	Camas, Washington

SECOND YEAR—

Abel, John D.	Tigard, Oregon
Christenson, Freda	Salem, Oregon
Findley, Bayard	Salem, Oregon
Hadley, Chester A.	Salem, Oregon
Hess, Hazel	Amity, Oregon
Richardson, Edward	Hartland, Vermont
Webb, Grafton	Spokane, Washington

FIRST YEAR—

Abbott, George Roscoe	Salem, Oregon
Albright, Roslyn Lucile	Marquam, Oregon
Barber, Lee	Salem, Oregon

Chittick, William Alfred	London, Canada
Crawford, Irving	Fort Klamath, Oregon
Doney, Hugh Abram	Salem, Oregon
Hassel, David C.	Portland, Oregon
Mann, Edward	Chemawa, Oregon
Runner, Dorothy	Salem, Oregon
Spitzbart, Leo G.	Salem, Oregon

ACADEMY SPECIALS—

Acheson, Thomas	Merrill, Oregon
Craven, Everett	Portland, Oregon
Green, Paul	Brownsville, Oregon
Hickerson, H. J.	Salem, Oregon
Kuhnke, Minnie	Salem, Oregon
Miller, Joseph W.	Salem, Oregon
Poole, Lulu	Salem, Oregon
Warrell, J. W.	Klamath Falls, Oregon
Warren, W. J.	Falls City, Oregon
Woodfin, John David	Salem, Oregon

School of Music

PIANO—

Adams, Dean	Weiser, Idaho
Bagley, Winifred	Salem, Oregon
Bolin, Faye Janette	Brownville, Oregon
Clapper, Maude	Salem, Oregon
Clark, Ola L.	Salem, Oregon
Cook, Mrs. Gertrude S.	Salem, Oregon
Cossalman, Aurelia E.	Salem, Oregon
Cox, Esther	Arlington, Oregon
Eddy, Irene	Independence, Oregon
Emmons, Lucile	Salem, Oregon
Engstrom, Maude	Salem, Oregon
Findley, Genevieve	Salem, Oregon
Fisher, Margaret	Salem, Oregon
Graham, Margaret	Salem, Oregon
Hall, Evangeline O.	Salem, Oregon
Hess, Hazel	Amity, Oregon
Johnson, Margaret	Salem, Oregon
Mills, Harry Quinn	Salem, Oregon
Minton, Mary Marjorie	Salem, Oregon
Moore, Helen	Albany, Oregon
McFarlane, Clela	Salem, Oregon
McKinney, Althea	Salem, Oregon
McKinney, Venita	Turner, Oregon
Nichols, Florence	Salem, Oregon
Ogg, Ruth	Salem, Oregon
Ostermann, Pearle	Salem, Oregon
Paine, Myrtle	Toledo, Oregon
Purvine, Laura	Salem, Oregon
Rexford, Derrill	Salem, Oregon
Ross, Lucile	Salem, Oregon
Savage, Maude	Salem, Oregon
Sterling, Carolyn	Wenatchee, Washington
Wechter, Ruth	Salem, Oregon
Wilt, Doris	Ione, Oregon
Witham, Vera M.	Salem, Oregon

VIOLIN—

Crossan, Gertrude	
Dennison, Edna	Salem, Oregon
Doney, Paul	Salem, Oregon
Emmons, Marian	Salem, Oregon
Eyre, Winifred	Salem, Oregon
Findley, Mary	Salem, Oregon
George, Pearl	Salem, Oregon
Harris, Ross	Salem, Oregon
Purvine, Paul	Salem, Oregon
Rosenquest, Zita	Salem, Oregon
Sargent, Gladys	Salem, Oregon
Schrunk, Bessie	Salem, Oregon
Setak, Emma	Salem, Oregon
Siegmund, Floyd	Salem, Oregon
Thompson, Elizabeth	Salem, Oregon
Wesson, Neale	Salem, Oregon
White, Esther M.	Philomath, Oregon
White, Ivan Bertis	Salem, Oregon
Wilt, Emelen Doris	Ione, Oregon

ORGAN—

Brown, Lois E.	Mohler, Washington
Eakin, Gertrude	Salem, Oregon

VOICE—

Benson, Louise	Salem, Oregon
Billings, Edna	Harrington, Washington
Cathey, Evelyn McFeron	Klamath Falls, Oregon
Clark, Ola L.	Salem, Oregon
Cooksey, Carrie H.	Salem, Oregon
Compton, Henry V.	Salem, Oregon
Dilley, Vera M.	Salem, Oregon
Dursteler, Martha	Salem, Oregon
Harris, Roy Clement	Garfield, Washington
Jackson, Rein Everett	Emmett, Idaho
McCaddam, Lela Belle	Salem, Oregon
McInturff, Eugenia	Salem, Oregon
McKinney, Venita	Turner, Oregon
Pratt, Ada K.	Turner, Oregon

Reigelman, Evelyn Floy	Salem, Oregon
Sandifur, Franklin Iles	St. Helens, Oregon
Smith, Archie	Salem, Oregon
Spoor, Ruth	Salem, Oregon
Van Winkle, Mrs. J. O.	Salem, Oregon

HARMONY—

Adams, Dean	Weiser, Idaho
Benson, Louise	Salem, Oregon
Cooksey, Carrie H.	Salem, Oregon
Cox, Esther	Arlington, Oregon
Emmons, Lucile	Salem, Oregon
Gill, Elizabeth	Salem, Oregon
Goltra, Helen	Salem, Oregon
Hammond, Wesley H.	Salem, Oregon
Harris, Roy Clement	Garfield, Washington
Jackson, Rein Everett	Emmett, Idaho
Miles, Lyra B.	Salem, Oregon
Mills, Harry Quinn	Salem, Oregon
Moore, John Stanford	Willamina, Oregon
McCaddam, Lela Belle	Salem, Oregon
McKinney, Venita	Turner, Oregon
Paine, Myrtle	Toledo, Oregon
Rexford, Derrill	Albany, Oregon
Sterling, Carolyn	Wenatchee, Washington
Wilt, Emelen Doris	Ione, Oregon
Witham, Vera M.	Salem, Oregon

HISTORY—

Benson, Louise	Salem, Oregon
Cooksey, Carrie H.	Salem, Oregon
Cox, Esther	Arlington, Oregon
Gill, Elizabeth	Salem, Oregon
Harris, Roy Clement	Garfield, Washington
Mills, Harry Quinn	Salem, Oregon
McCaddam, Lela Belle	Salem, Oregon
McKinney, Venita	Turner, Oregon
Rexford, Derrill	Albany, Oregon
Sterling, Carolyn	Wenatchee, Washington
Wilt, Emelen Doris	Ione, Oregon

School of Art

ART—

Barnes, Ralph	McKinney, Venita
Barnes, Ruth	Patchin, Nellie
Bell, Lillian	Penn, Frances
Bengen, Mrs.	Polzin, Mrs. B. A.
Boeschen, Mrs. C. W.	Poole, Lulu
Bonnell, Marie	Potter, Miss
Brown, Mrs. G. G.	Price, Hazel
Cone, Mary L.	Reddaway, Mrs. G.
Davis, Miss	Ruhnderoff, Mrs. A. W.
Dowing, Hazel	Schnasse, Clara
Eckerson, Beda	Shafer, Mrs. F. E.
Epley, Mr. C. M.	Skaife, Nancy
Gill, Elizabeth	Skans, Mr.
Graber, Annett	Spencer, Mrs. F. W.
Gray, Dora	Spencer, Mrs. J. C.
Hofer, Florence	Staley, Lenore
Hofness, Mrs. E. M.	Steiner, Rita
Howell, Grace	Steusloff, May
Irvine, Iantha	Swartz, Gertrude
Jones, Alta	Waln, Mrs. A. T.
Lock, Mrs. O. C.	Walsh, Mrs. Luella J.
Mills, Harry Q.	Wolf, Ward

Summary of Attendance

COLLEGE OF LIBERAL ARTS—

Post Graduates	4		
Seniors	31		
Juniors	32		
Sophomores	56		
Freshmen	92		
Specials	15		230

COLLEGE OF LAW—

Seniors	5		
Juniors	11		
Freshmen	16	32	
Counted twice		11	21

ACADEMY—

Fourth Year	15		
Third Year	4		
Second Year	7		
First Year	10		
Specials	10		46

SCHOOL OF MUSIC—

Piano	35		
Voice	19		
Violin	19		
Organ	2		
History and Theory	31	107	
Counted twice		64	43

SCHOOL OF ART—

China Painting, etc.	44		
Counted twice	7		37

Summary			377
---------------	--	--	-----

INDEX

Academy	22	Eligibility	72
Addresses	72	Endowment	77
Administrative Officers...	11	Engineering, Preparation..	22
Admission, Terms of, for:		English, Courses in.....	37-39
College of Liberal Arts..	18	Entertainments	72
College of Law.....	64	Equipment	15-17
Alumni Officers	7	Ethics	48
Alumni Trustees	5	Examinations	23
Anatomy	29	Expenses	26
Anthropology	57	Faculty	8-11
Art History	28	Fees	26-27
Assaying	32	Fine Arts, Courses in.....	59
Astronomy	28	French, Courses in.....	40
Athletics	49	General Information	70-77
Banking	34	Geology, Courses in.....	40
Bible	28	German, Courses in.....	41
Biology	28	Gifts	76
Boarding	75	Glee Clubs	75
Botany	30	Graduate Work	19
Buildings	14-15	Graduation	20, 25
Calendar	3, 59	Greek, Courses in.....	42
Certificate, Teachers' ...	25-26	Groups	20
Chemistry, Courses in ...	30-33	Gymnasium Work	49
Christian Associations	74	Historical Information	12
Christian Life	70	History, Courses in.....	43
College Life	33	Journalism, Preparation...	22
College of Liberal Arts....	18	Kimball College of Theol-	
College of Law.....	59	ogy	11, 22, 52
Class Standing	24	Laboratories	16
Class Attendance	24	Latin, Courses in.....	44
Committees of Board of		Lausanne Hall	15, 75
Trustees	6	Law, Preparation for.....	21
Conference Trustees	5	Law, College of.....	59
Courses of Study:		Lectures	73
College of Liberal Arts	28-58	Libraries	15
Courts	60	Literary Forms and Criti-	
Debate	51	cism	54
Degrees, Requirements for:		Literary Societies	75
Master's	19	Loans and Scholarships...	71
Bachelor's	20	Location	13
Description of Courses..	28-58	Mathematics, Courses in...	45
Discounts	27	Medicine, Preparation for..	21
Economics	33	Mineralogy	40
Education, Courses in...	35-37	Missions	54

Morphology	29	Rhetoric	54
Museum	16	Room and Board.....	75-76
Music, Courses in.....	47, 65	Scandinavian Languages..	56
Music, Fees	69	Scholarships	27, 71
Officers of Administration	11	Self Help	71
Oratory	51	Sociology	57
Oregon School Law.....	25	Spanish	58
Ornithology	29	Special Students	19
Pedagogy (see Education)	35	Standard College	22
Philosophy, Courses in....	47	Standing	23
Physical Education	49	Statistics, Courses in.....	57
Physics, Courses in.....	50	Student Body Fee.....	27
Physiology	29	Student Organizations...	74-75
Pianoforte, Courses in.....	67	Surveying	47
Prizes	72	Teachers' Certificate	25
Political Science	50	Teachers' Bureau	25
Professions, Foundation for	21	Theology, Preparation for.	22
Psychology	36, 47	Trustees	4-5
Publications	75	Tuition:	
Public Speaking	51	College of Liberal Arts..	26
Registration	23	College of Law	26
Regulations, General	70	School of Music	69
Religion, Courses in.....	52	Visitors:	
Requirements for:		State	7
Entrance	18	Conference	7
Graduation	19-21	Vocal Culture, Course in...	68
		Zoology	29

