

**The
Willamette University
Bulletin**



**Catalog Edition
1920-21**

Willamette University

(FOUNDED 1844)

INCLUDING

COLLEGE OF LIBERAL ARTS
COLLEGE OF LAW
SCHOOL OF MUSIC



ANNUAL CATALOG

ANNOUNCEMENTS 1920-1921

WILLAMETTE UNIVERSITY BULLETIN

VOL. XIII

May, 1920

No. 2

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CALENDAR

1920

SEPTEMBER

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

OCTOBER

NOVEMBER

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

DECEMBER

1921

JANUARY

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

FEBRUARY

MARCH

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

APRIL

MAY

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

JUNE

CALENDAR

1920

- September 13-15 Registration and Entrance Examinations.
September 13 2:30 p. m.—Freshman Classifying Examination in English (See note Page 40)
September 16 Instruction begins.
November 25-27 Thanksgiving Recess.
December 17 3:30 p. m.—Christmas Vacation begins.

1921

- January 4 8:00 a. m.—Instruction resumes.
January 27-29 Examinations of First Semester.
January 27-29 Registration Second Semester.
February 3 Day of Prayer for Colleges.
February 22 Washington's Birthday Address.
March 18 Freshman Glee.
May 6-7 May Festival, beginning May 6, 1:00 p. m.
May 13 8:00 p. m.—Inter-Society Oratorical Contest.
May 27 Annual Concert, School of Music.
May 30 Memorial Day.
June 10 Examinations of Second Semester begin.

Commencement Week for College of Liberal Arts

- June 12 Baccalaureate Sermon.
Farewell Meeting of Christian Associations.
8:00 p. m.—Sermon to Christian Associations.
June 13 6:30 a. m.—Senior Breakfast.
8:00 p. m.—President's Reception.
June 14 Meeting of the Board of Trustees.
Class Day.
June 15 10:30 a. m.—Commencement Exercises.
2:30 p. m.—Alumni Business Meeting.
6:30 p. m.—Alumni Banquet.

BOARD OF TRUSTEES

Officers

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

Elected by the Board

	Term Expires
C. C. Anderson, 145 East Idaho Street, Boise, Idaho.....	1920
E. T. Barnes, Salem.....	1920
J. H. Booth, Roseburg.....	1920
P. J. Brix, Portland.....	1920
W. W. Brown, Fife.....	1920
Mrs. A. N. Bush, Salem.....	1920
Virgil Peringer, Bellingham, Wn.....	1920
George L. Cleaver, La Grande.....	1920
E. S. Collins, Portland.....	1920
J. W. Day, 847 Kerby Street, Portland.....	1920
M. C. Findley, Salem.....	1920
A. F. Flegel, 909 Northwestern Bank Bldg. Portland.....	1920
*T. B. Ford, Salem.....	1920
J. L. Hartman, 233 East Sixtieth Street, Portland.....	1920
R. J. Hendricks, Salem.....	1920
*Bishop M. S. Hughes, Portland.....	1920
Thomas B. Kay, Salem.....	1920
A. A. Lee, Salem.....	1920
James Moore, Eugene.....	1920
Miss Bertha Moores, Portland.....	1920
M. C. Reed, Ashland.....	1920
H. L. Benson, Salem.....	1920
B. L. Steeves, Salem.....	1920
*H. J. Von Fossen, Ashland.....	1920
Paul B. Wallace, Salem.....	1920
C. P. Bishop, Salem.....	1920
A. M. Smith, Portland.....	1920
A. A. Schramm, Salem.....	1920
G. F. Johnson, Portland.....	1920
C. B. Moores, 281 East Fifteenth Street North, Portland.....	1920
J. O. Goltra, Salem.....	1921
Carl G. Doney, Salem.....	Ex-officio

*Deceased.

Elected by the Alumni

I. H. Van Winkle, A.B. '98, LL.B. '01, Salem.....	1921
A. N. Moores, '76, Salem.....	1921
Burgess F. Ford, A.B. '05, Stayton.....	1920

Elected by the Oregon Conference

R. N. Avison, Salem.....	1921
W. W. Youngson, Portland.....	1921
R. A. Booth, Eugene.....	1922
W. S. Gordon, Portland.....	1922
Hiram Gould, Portland.....	1922
J. T. Abbett, Portland.....	1920
E. E. Gilbert, Salem.....	1920
D. H. Leech, Eugene.....	1920
Joshua Stansfield, Portland.....	1920
W. H. Odell, Portland.....	Emeritus

Elected by the Columbia River Conference

William Shearer, Toppenish, Wash.....	1920
J. W. Caughlin, Spokane, Wash.....	1922
J. W. McDougall, Spokane, Wash.....	1920
R. E. Gornall, Pendleton, Oregon.....	1921

Elected by the Idaho Conference

F. D. McCully, Joseph.....	1921
C. H. Packenham, Boise, Idaho.....	1920

Elected by the Pacific German Conference

A. J. Weigel, Edwall, Wash.....	1920
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Elected by the Danish-Norwegian Conference

C. J. Larsen, Bellingham, Wash.....	1920
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Committees of the Board of Trustees

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

NOMINATIONS. A. M. Smith, A. N. Moores, E. S. Collins, A. A. Lee, Virgil Peringer.

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

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

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

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

BUILDINGS AND GROUNDS. Mrs. A. N. Bush, C. P. Bishop, R. A. Booth, C. C. Anderson, F. D. McCully, W. W. Brown, Miss Bertha Moores, Paul Wallace.

DEGREES. A. F. Flegel, R. A. Booth, J. T. Abbett, H. L. Benson, J. W. McDougall.

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

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

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

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

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

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

Alumni Officers, 1919-1920

Merton DeLong, '12, Portland	President
Robert Carey, '98, Walla Walla, Wn	First Vice President
D. Lester Fields, '09, Portland	Second Vice President
Mary E. Kinney, '78, Astoria	Third Vice President
Gertrude Eakin, '15, Salem	Secretary
Pearl B. Hollingworth, '13, Portland	Treasurer
A. N. Moores, '76, Salem	Executive Member
W. H. H. Clark, '14, Salem	Executive Member
Earl Cotton, '18, Gresham	Collegian Reporter
A. A. Schramm, '12, Salem	Athletic Council
B. F. Ford, '05, Stayton	Athletic Council

Official Visitors of the State of Oregon to the University

(University Charter, Section 5)

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

Conference Visitors

Oregon Conference

F. G. Keagy	Roseburg
C. R. Johnson	Dallas

Columbia River Conference

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

FACULTY

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

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

Ohio State University
Ohio Wesleyan University
Harvard University

President of the University 1915—

College of Liberal Arts

GEORGE H. ALDEN, Ph.D.

Carleton College
Harvard University
Sometime Fellow in History, University of Chicago
Sometime Fellow in History, University of Wisconsin
Dean 1914—

E. E. Upmeyer Professor of History 1915—

JAMES T. MATTHEWS, A.M.

Willamette University
Professor of Mathematics 1893—

FLORIAN VON ESCHEN, Ph.M.

Simpson College
University of Illinois
University of Chicago
Washington University

Professor of Physics and Chemistry 1908—

MORTON E. PECK, A.M.

Cornell College
Research work in Central America three years
Professor of Biology 1908—

CHARLES L. SHERMAN, Ph.D., PdD.

Upper Iowa University
New York University
Sometime Fellow in New York University School of Pedagogy
Professor of Social Science and Education 1914-15
Professor of Philosophy and Education 1915—

GUSTAV EBSSEN, A.M.

Universities of Berlin, Paris and Madrid
Denmark State University
Professor of Modern Languages 1915—

WILLIAM E. KIRK, A.M.

University of Nebraska
Graduate Student, Columbia University
Professor of Ancient Languages 1906-1913; 1915—

R. L. MATHEWS

University of Washington
University of Notre Dame
Professor of Physical Education 1915—

ERNEST C. RICHARDS, A.M.

Morningside College
Boston University
Secretary of Education 1916—

DELLA CROWDER-MILLER

Graduate School of Expression, Boston
Dixon College
Indiana University
Twelve years Lyceum and Chautauqua experience in Europe
and America as Literary Interpreter and Lecturer
Professor of Public Speaking 1917—

FRANK G. FRANKLIN, Ph. D.

Cornell University
University of Chicago
Professor of Social Science 1918—

HERSCHEL E. HEWITT, A.B.

Grand Island College
University of Chicago
Professor of Physics 1918—

JOSEPH L. RENTFRO, A. M.

McKendree College
Boston University
Harvard University
Professor of English 1919—

FRANCES M. RICHARDS, A. M.

Ohio Wesleyan University
University of Michigan
Dean of Women 1918—
Associate Professor of English 1918—

JOHN R. SITES, Mus.D.

University of Leipzig
Royal Conservatory, Leipzig
Royal Opera Singer, Dresden, five years
Metropolitan Opera, New York, one year
Cincinnati College of Music, fourteen years
Director of the School of Music and Professor of Voice 1918—

ALICE H. DODD

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

LIDA FAKE, B.A.

Milwaukee-Downer College
Professor of Home Economics 1919—

MARY ALICE HOLMAN

New England Conservatory of Music
Instructor in Piano 1919—

LUCILE ROSS

Graduate Willamette University School of Music
Instructor in Piano 1919—

RUTH JOHNS

Washington (D. C.) College
Voice with Signor Caspi; Prof. Blyden; and Chas. L. Sparks
Instructor in Voice 1919—

JESSIE GRANT PECK

Ellsworth College
Assistant in Biology 1910—

AVERIL L. HARRIS, A.B.

Willamette University
Assistant in English 1919—

T. S. ROBERTS

Piano with Dr. Adam Geibel
Organ, etc, with Dr. D. D. Wood
Instructor in Pipe Organ, Wood Wind Instruments
and Cornet.

STUDENT ASSISTANTS

Robert M. Gatke.....	Fellow in History
Merrill D. Ohling.....	Chemistry
Francis Cramer	Chemistry
Velma Baker.....	Mathematics
Sibyl Smith.....	Mathematics
Rita C. Hobbs.....	Mathematics
Merrill D. Ohling.....	Biology
Grace Bagley.....	Latin
Ruth H. Taylor.....	Library
Freda Campbell.....	French
Paul H. Doney.....	French

College of Law

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

Willamette University

Judge of the Moot Court

WALTER E. KEYES, LL.B.

George Washington University

Instructor in Bills and Notes.

ROY F. SHIELDS, LL.B.

Willamette University

Instructor in Evidence, Pleading and Probate Law.

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

Syracuse University

Willamette University

Instructor in Code and Equity.

IVAN G. MARTIN, LL.B.

University of California

Instructor in Domestic Relations.

JOHN BAYNE, LL. B.

Willamette University

Instructor in Federal Court Practice and Bankruptcy

E. M. PAGE, LL. B.

Willamette University

Instructor in Partnerships, Corporations, Criminal Law and
Procedure

WM. H. TRINDLE, LL.B.

Drake University

Instructor in Real Property.

MILLAR E. MCGILCHRIST, A. B. LL.B.

University of Oregon

Harvard University

Instructor in Torts, Contracts, Bailments and Carriers.

ELMO S. WHITE, LL.B.

Willamette University

Instructor in Blackstone, Agency and Sales.

Officers of Administration

CARL G. DONEY, President of the University.

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

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

FRANCES RICHARDS, Dean of Women.

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

FLORIAN VON ESCHEN, Secretary of the Liberal Arts Faculty.

JAMES LISLE, Curator of the Museum.

R. L. MATHEWS, Director of Physical Education.

W. E. KIRK, Librarian.

EDITH E. BENEDICT, Registrar.

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

Kimball School of Theology

A CO-OPERATING SCHOOL

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

The Faculty

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

President and Professor of Systematic and
Practical Theology.

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

Professor of Biblical Interpretation.

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

Professor of Historical Theology.

HISTORICAL

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

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

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

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

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

A Record of Honor

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

Location

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

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

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

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

Buildings

EATON Hall. This fine building, the gift of Hon. A. E. Eaton, of Union, Oregon, was erected in 1908 at a cost of \$50,000. It is constructed of red pressed brick and gray stone and finished in Oregon fir. It is used for the offices of administration, the woman's waiting room, the library, reading room, museum and class rooms. The building is electrically lighted and is thoroughly 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 which contained the chapel, chemical laboratories, literary society halls, and several class rooms. The top floor was used as a men's dormitory, accommodating about twenty persons; and the ground floor served for a student co-operative boarding club and class room for drawing. On Dec.

17, 1919 the roof and interior was destroyed by fire. The building is now being reconstructed and remodeled after a more modern plan. The ground floor will be arranged for classes, an enlarged chapel will be on the first floor, the second floor will be used for the library and reading rooms and the literary societies will use the third floor. It is intended to heat the building by steam and it will be completed during the summer.

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. The building so long used as a dormitory for young women was condemned as being unfit for further use and in Nov. 1919, was torn down. Work was immediately commenced on a large and modern brick structure. On the ground floor there will be heating boilers, laundry, storage and living rooms. The main floor will be used for the dean's office, parlors, dining room, kitchen and living rooms. The two upper floors will be used for living rooms. Every floor will be provided with lavatories, shower and tub baths and on the second floor there will be a well-equipped infirmary and a large sleeping porch. The living rooms will be large, well-lighted, heated by steam, with closets and running water. It is expected that the building will be ready by Sept. 1920. A description circular **with floor diagrams, prices and general information** will be issued during the summer. It is requested that those who are interested will apply for a copy.

GYMNASIUM. This commodious building was erected in 1898. It contains shower baths and dressing rooms for both sexes, lockers, a large room fifty by seventy feet for indoor games and class exercises. A limited amount of apparatus

is provided and the building is well adapted to physical training and general athletics.

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

Equipment

LIBRARIES. About 140,000 volumes are freely available to students in the following libraries: University library of 11,00 volumes, the library of the Kimball School of Theology, 4000; the State library, 90,000; and the Supreme Court library, 25,000. The new city Carnegie library, adjacent to the campus on the west, contains about 13,000 volumes. Under the usual regulations students may take books from any of these libraries. The University library is open on school days and every facility is afforded to make it serve the students. It welcomes contributions of books and manuscripts. It has already received noteworthy collections and its shelves will accommdate 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 most of the top floor of Eaton Hall which is supplied with gas, electricity, good tables and sinks, dissecting microscopes, microtome, and other apparatus ordinarily used in microscopic and histological work. It has a large collection of marine and land plants and animal organisms, and is supplied with specimens for dissection and study by the students. The herbarium contains over 10,000 classified and accessible specimens.

CHEMICAL LABORATORY. Two floors in Science Hall are given to this department and the equipment is adequate for all the work of college grade usually offered. The laboratory is arranged with private desks and lockers, reagents and apparatus, burners, water, etc., for each student. The stock rooms are amply supplied; and there are also

high-grade balances for accurate quantitative analysis. The equipment is such that students are able to secure a broad and careful preparation in this science. An assay room with a good equipment offers a thorough course in assaying.

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

HOME ECONOMICS. This department uses one half of the first floor of Science Hall. It is newly equipped with all the apparatus usually found in such departments: tables, sewing machines, laboratory desks with gas stoves, ovens, sinks, dishes, model dining room, cabinets, etc.

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

There are collections of birds and animals, a large number of Indian relics, historical documents, minerals, woods, shells, and plant specimens. The Curator invites donations, and correspondence with persons who have anything which should be in a museum.

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

THE COLLEGE OF LIBERAL ARTS

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

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

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

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

The following is the list of the required entrance subjects:

	Units.
English	3
Mathematics	2
Science	1
History and Civics	1
One foreign language	2
Elective	6

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

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

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

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

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

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

their relation to that of candidates for the degree except by examination upon pre-supposed work, including the entrance requirements

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

1. Candidates must have received the Bachelor's Degree from this University or one of equal rank.

2. Graduate work is divided between a major of twelve year hours and a minor of four year hours or a major of eight hours and two minors of four hours each.

3. Candidates must pursue in residence a course of study outlined by the head of the department in which the major is taken, and approved by the Faculty.

4. Candidates must select a subject for a thesis approved by the head of the same department not later than November 1st of the year in which they present themselves for the degree.

5. Candidates must submit an acceptable thesis to the professor under whom the work is done not later than April 1st. The thesis must be approved by the Committee on Graduate work.

6. After acceptance a typewritten copy of the thesis must be presented to the University Library.

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

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

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

1. All Freshmen are required to take English 1 A and 2 A, 1 B and 2 B, or 1 C and 2 C; Bible 1 and 2; College Life 1;

and Physical Education throughout the year. They must complete, so far as possible, all entrance deficiencies.

2. All Sophomores are required to take four hours of English and Physical Education throughout the year.

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

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

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

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

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

8. If a student majors in mathematics, he must take 8 hours College Physics and 6 or 10 hours Freshman Chemistry. If the major be in Chemistry, he must take 8 hours College Physics, 6 hours Biology and Trigonometry. If the major be in Physics, he must take Mathematics through Calculus, Drawing, and 6 or 10 hours Freshman Chemistry. If the major be in Biology, he must take 8 hours College Physics and 6 or 10 hours Freshman Chemistry. If the major be in Home Economics, he must take Inorganic and Organic Chemistry, 3 hours, General Biology and 2 hours Physiology.

About half one's hours should be taken in the group of his choice and about one-fourth in each of the other groups. The normal work of a semester is fifteen or sixteen hours, in

addition to Physical Education. A student is to select his studies with the advice and consent of the head of the department in which his major is taken.

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

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

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

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

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

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

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

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

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

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

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

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

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

PURPOSE OF COURSES. It is a general criticism that

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

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

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

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

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

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

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

Letters Course.	Freshman Year	
	Social Science Course.	Science Course.
English	English	English
Bible History	Bible History	Bible History
Foreign Language	Foreign Language	Foreign Language
Public Speaking	History	Mathematics
History	Natural Science	Natural Science
Natural Science	Elective	
	Sophomore Year	
English	English	English
Foreign Language	Foreign Language	Foreign Language
Psychology	Psychology	Psychology
Natural Science	History	Natural Science
Elective	Elective	Elective
	Junior Year	
Ethics	Ethics	Ethics
Sociology & Econ.	Sociology & Econ.	Sociology & Econ.
History	History	History
English	English	Natural Science
Foreign Language	Elective	Elective
Elective		
	Senior Year	
English	Philosophy	Natural Science
Foreign Language	Economics	Elective
Philosophy	Elective	
Elective		

THE PRE-PROFESSIONAL COURSES. The following courses are outlined for the guidance of students who wish to combine a training in liberal arts with something of definite professional preparation. It is to be understood that they are courses not equal in purely technical value to the courses offered in technical schools; they are combination courses which include subjects in the liberal arts in conjunction with those of a special character. The completion of any of these courses will provide the student with a good and secure general education which will save him from narrowness and,

at the same time, afford him a foundation for advanced special work. It will also enable him to complete a graduate professional course in one or two years less time.

Pre-Law.	Pre-Journalism	Freshman Year Pre-Engineering	Pre-Chemical Engineering	Pre-Medical
English	English	English	English	English
Bible History	Bible History	Bible History	Bible History	Bible History
Latin	Foreign Lang.	Modern Lang.	Modern Lang.	Modern Lang.
Chemistry	Nat. Science	Chemistry	Chemistry	Chemistry
Pub. Speaking	Pub. Speaking	Mathematics	Mathematics	Mathematics
History	History	Drawing	Drawing	Biology
Sophomore Year				
English	English	English	English	English
Latin	Foreign Lang.	Modern Lang.	Modern Lang.	Mod. Lang.
Psychology	Psychology	Psychology	Psychology	Psychology
English Hist'y	Newswriting	Physics	Physics	Zoology
Elective	History	Mathematics	Qual. Analy.	Qual. Analy.
	Elective	Drawing	Elective	
Junior Year				
Ethics	Ethics	Ethics	Ethics	Ethics
Soc. & Econ.	Soc. & Econ.	Soc. & Econ.	Soc. & Econ.	Soc. & Econ.
History	History	History	Org. Chem.	Physiology
Argument	Short Story	Mathematics	Geology	Org. Chem.
Elective	Foreign Lang.	Surveying	Elective	Elective
	Elective	Physics		
		Elective		
Senior Year				
Inter. Law	English	Mathematics	Ind. Chem.	Chem. 6 hr.
Philosophy	Foreign Lang.	Drawing	San. & Food	Elective
Elective	Elective	Chemistry	Mineralogy	
		Elective	Econ. Geol.	
			Elective	

The Freshman and Sophomore years in the Pre-Engineering courses include the work of the first two years given in the best technical colleges.

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

KIMBALL SCHOOL OF THEOLOGY. This is a co-operating school pleasantly located upon the Willamette campus.

Students of Kimball School may take five hours work in the College of Liberal Arts of the University with no charge other than the registration fee; and students of the University have a like courtesy extended to them by Kimball School. The libraries and lectures of both institutions are freely open to all students.

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

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

STANDING. The standing of a student is determined by the instructor who computes it from the work during the semester and the examination. The members of a class are, in general, ranked in four groups. The first group includes those whose standing is excellent, marked "E" or "E+," and should not number more than ten percent of the class. The second group includes those whose standing is satisfactory, marked "S" or "S+," and should not number more than fifty per cent of the class. The third group includes those whose standing is passing, marked "P" or "P+." The fourth group includes those whose standing is below passing, marked "F." A student who fails to pass may be marked by the instructor as "Conditioned," and become subject to the following rules for the removal of the "Condition."

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

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

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

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

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

If a student's work is "Incomplete" for any semester, the incomplete must be made up the succeeding semester or it becomes a Failure.

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

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

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

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

TIME NECESSARY FOR GRADUATION. The length of time necessary for graduation varies according to the credits

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

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

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

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

OREGON SCHOOL LAW. "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."

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

FEES

Semester Bill, for 12 to 17 hours of College work.....	\$30.00
Semester Bill, for less than 12 and over 17 hours, per hour	2.75
Semester Bill, College of Law.....	30.00
Semester Bill, School of Music, according to subjects see page 72.	
Student Body Fee, for all students in all departments taking five hours or more. (Used by the students for student activities)	5.00
Laboratory Fees, per Semester:	
Biology, except Ornithology.....	3.00
Ornithology	1.00
Chemistry 1A and 2A.....	3.00
Chemistry, all other laboratory courses.....	5.00
Physics 1, 2, 3, 4, 6, and 7.....	3.00
Mineralogy	2.00
Surveying	1.00
Home economics 1, 2, 3, and 4.....	5.00
Home economics 7, 8, 9, and 10.....	1.00
Breakage deposit in Chemistry, a year.....	5.00

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

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

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

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

Schedule of Classes and Hours

7:45 to 8:40	8:40 to 9:35	9:35 to 10:30	10:30 to 11:25	1:15 to 2:10	2:10 to 3:05	3:05 to 4:00
Eng. Lit. MWF	Eng. Prose TTh	Am. Lit. TTh	Adv. Comp. TTh	Argumentation TTh	Contem. Lit. TTh	Eng. Meth. Th
Newswrit'g TTh	Romanti'sm MWF	Drama MWF	Chaucer MWF	Composition MWF	4 French MWF	Home Life M
1 French TWThF	Composition MTThF	Composition TTh	Short Story TTh	1 Spanish MTThF	N. T. Greek TTh	Bible His. Th
Med. Hist. MWF	Versific'n W	Composition MWF	2 French MWF	Ec. His. U. S. MWF	Masterp'ces MW	Hist. Mus. TTh
His. 19 Cen. TTh	Col. Life W	2 Spanish MWF	3 French TTh	Statistics TTh	Church His. MWF	Min'l'gy To be named
Sociology MWF	3 Spanish W	3 Spanish TTh	Am. Diplom MW	Cicero deS MWF	Mechanics MWF	Quan. Anal. T
Trigonom. TWThF	1 Spanish MTThF	Art History TTh	Hist. Econ. TTh	Meth. in Lat. Debate	Beg. Physics TTh	Econ. Geol. W
Gen. Biol. TTh	1 French MTThF	Med. Hist. MWF	Comp. Relig. TTh	Oratory MW	Gen. Physics MWF	Org. Chem. M
Inv. Zool. M	Eng. Hist. MTThF	Old Oreg. TTh	Gen. Physics TTh	Bible Int. F	Gen. Biol. M or W	
Vert. Zool. F	Labor Prob. TTh	Int. Pol. Sci. TTh	Adv. Draw. Horace	3d Term Al. MWF	Adv. Phy'gy F	
Desc. Geom. MWF	Princ. Econ. MWF	Vergil MWF	2 Greek MWF	Beg. Physics TTh	Inv. Zool. MW	
1 Latin TWThF	Phil. Relig. T	Cic. Orat'n TTh	Mind B & V MWF	Gen. Physics MWF	Vert. Zool. TTh	
2 Latin TWThF	Hist. Educa. MWF	Mind B & V MWF	Platform TTh	Gen. Biol. M or W	Plant Phys'l TTh	
	Sec. Educa. Th	Dram. Inter. TTh	Int. Philos. MWF	Adv. Phy'gy F	Org. Chem. M	
	1 Greek MTThF	Calculus MWF	Princ. Edu. TTh	Inv. Zool. MW	Assaying MW	
	Horace W	Heat & Ther MWF	Col. Algeb. MWF	Vert. Zool. TTh	1A Chem. T or Th	
	Trigonom. MTThF	Drawing Th WF	Adv. Phys'l. TTh	Plant Phys'l TTh	1B Chem. TTh or MW	
	Qual. Anal. W	Hygiene El. Physiol. TTh	Org. Evol. M	Org. Chem. M	Qual. Anal. WF	
	Quan. Anal. T	Org. Chem. MWF	Biol. Meth. W	Assaying MW	Quan. Anal. WF	
	Geology MTThF	Psychology TTh	1B Chem. MWF	1A Chem. T or Th	Dom. Art TTh	
	Textiles WF	Cookery MW	1A Chem. TTh	1B Chem. TTh or MW	1 Harmony MTh	
	The Home TTh	Dom. Art TTh	Cookery MW	Qual. Anal. WF	Sight Sing. TF	
	Beg. Physics TTh	Plant Phys. M	Dom. Art TTh	Quan. Anal. WF	Meth. in Ex. TTh	
	Psy. Relig. TTh	Hist. Philos MWF	Pb. S. Mus. MTh	Dom. Art TTh		
	Missions W	3 Harmony MTh		2 Harmony MTh		
		Hist. of Doct. WF		Tchr. Tr. T		

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

DESCRIPTION OF COURSES

ART HISTORY

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

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

ASTRONOMY

1. GENERAL ASTRONOMY. Two hours a week, first semester. Historical and descriptive. Adapted to the needs of students with no previous knowledge of the subject.

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

BIBLE HISTORY

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

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

BIOLOGY

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

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

3. and 4. PLANT MORPHOLOGY. One lecture and four hours of laboratory work a week thruout the year. This

work follows the same general plan as that of the above courses in Zoology, tho necessarily the laboratory portion of it is mainly microscopic. Beginning with the simplest forms, slime molds and bacteria, each group in turn is studied and compared with others and its limits defined. (Omitted in 1920-21.)

5. and 6. PLANT PHYSIOLOGY AND PLANT ECOLOGY. One lecture and four hours of laboratory a week thruout the year. These two courses, while distinct in name, are so closely related that the latter may be considered as a continuation of the former. Plant Physiology, taken up during the first semester, deals with the general principles of plant activity, i. e., the metabolism of plants, including the absorption of liquids, respiration, transpiration, photosynthesis, etc.

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

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

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

9. and 10. INVERTEBRATE ZOOLOGY. One lecture and four hours of laboratory work a week thruout the year. A survey of the several types of invertebrates, beginning with a brief microscopic study of the Protozoa, and advancing thru the higher groups in the order of their natural succession. Much attention is given to the comparative morphology of each group, and to its relation to human economy. The outlines followed in the laboratory work are designed to enable the student to draw his conclusions independently on the fundamental principles of animal morphology.

11. and 12. VERTEBRATE ZOOLOGY. One lecture and

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

13. and 14. HUMAN PHYSIOLOGY AND ANATOMY. Two lectures and two laboratory hours a week thruout the year. In detail the structure and functional activities of the human body. While not technical, it aims to give the student such a comprehensive knowledge of the subject as every well-informed person should possess. The subject of hygiene receives considerable attention. Text, lectures and laboratory. General Biology or one of the courses in Zoology is a prerequisite to this.

15. ELEMENTARY PHYSIOLOGY. Two hours a week. (See Home Economics, Course 15.)

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

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

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

CHEMISTRY

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

given Chemistry as one of the their entrance credits. (Primarily for Freshmen.)

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

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

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

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

9 and 10. ORGANIC CHEMISTRY. Four hours a week thruout the year. An elementary consideration of the important carbon compounds and their derivatives. The preparation of some of the typical compounds. Special work in the chemistry of foods and the detection of adulterants. Lectures and laboratory work. A fee of \$5.00 is required. Prerequisites, 1B and 2B or 1A and 2A. (Juniors and Seniors.)

11 and 12. CHEMICAL PREPARATIONS. Two hours a week thruout the year. A short course in the preparation of some of the simpler compounds, both inorganic and organic, and a study of the principles and methods used in their preparation. Prerequisites Courses 5 and 6, and 9 and 10.

13. and 14. ADVANCED ANALYTICAL CHEMISTRY. Laboratory practice in gravimetric, volumetric and electro

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

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

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

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

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

COLLEGE LIFE

1. COLLEGE LIFE. One hour a week, first semester. The conditions and problems of the college student. Fulton's "College Life" used as text. Copious readings from supplementary books and important articles to be found in the magazines. The topics discussed are: The purpose of the college, the college curriculum, the choice of courses, the intel-

lectual ideals, athletics and recreation, general reading, community life of the college. (Requirement of freshmen.)

ECONOMICS

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

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

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

4. **MONEY.** Two hours a week, first semester. (For Juniors and Seniors.) Not given in 1920-21.

5. **BANKING.** Two hours a week, second semester. (For Juniors and Seniors.) Not given in 1920-21.

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

7. **LABOR PROBLEMS.** Two hours a week, first semester. (For Juniors and Seniors.)

8. **PROBLEMS OF MONOPOLY.** Two hours a week, second semester. (For Juniors and Seniors.)

9. **HISTORY OF ECONOMICS.** Two hours a week, first semester.

EDUCATION

NOTE—All courses offered in the department of Education, including four hours of introductory psychology, will count toward the fifteen hours required for the University Teachers' Certificate.

1. **HISTORY OF EDUCATION.** Three hours a week, first semester. The aim of this course is to outline the entire history of education. Much attention will be given to progressive and non-progressive factors in connection

with the educational aims, ideals and methods of various nations. Greek, Roman, and Christian ideals will be considered. Monasticism, Scholasticism, Universities, the Renaissance and the Reformation will be studied. The course will close with a resume of the more fundamental movements and theories of modern times. Text-books, lectures and discussions.

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

3. **MODERN EDUCATIONAL CLASSICS.** Two hours a week, second semester. Some of the pedagogical writings to be read in this course are: Locke's *Thoughts on Education*; Rousseau's *Emile*; Spencer's *Education*; Huxley's *Science and Education*. Not given in 1920-21.

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

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

6. **SECONDARY EDUCATION.** One hour a week, first semester. This course is to acquaint the student with the various problems of secondary education. The educational value of each high school subject (and its proper method of

presentation), and the various relations of the secondary curriculum to college entrance requirements. This course is for earnest students planning to become principals, superintendents, or heads of various departments in high schools. Open to Juniors, Seniors and Graduate students.

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

8. SEMINAR IN EDUCATION. Two hours a week, second semester. For earnest students prepared to do advanced work. Two or more of the following topics will be discussed: The psychology of skill; the psychology of drawing; the psychology of reading; aphasia in its bearing on the teaching of reading, writing and spelling; and inner speech in relation to mental processes. Not given in 1920-21.

ENGLISH

Composition

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

1A and 2A. COMPOSITION. Two hours a week thruout

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

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

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

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

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

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

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

Journalism

9. and 10. NEWSPAPER WRITING. Two hours a week thruout the year. A general course in the writing of newspaper articles, news story, feature story, the editorial, and other forms common to newspaper practice; copy reading, proof reading, and of problems of reporting. THE WILLAMETTE COLLEGIAN and the SALEM daily papers give oppor-

tunity for practical newspaper work. Prerequisites: Freshman Rhetoric.

11 and 12. **THE SHORT STORY.** Two hours a week thruout the year. The study and writing of the short story; a survey of the development of the short story types, and a study of present tendencies; a consideration of the requirements of magazines, and the marketing of manuscripts. Students are encouraged to write short stories for high standard magazines. Prerequisites: Freshman Rhetoric.

Language and Literature

13 and 14. **THE HISTORY AND SURVEY OF ENGLISH LITERATURE.** Three hours thruout the year. A study of the development of the language and literature from their earliest times to the present. Required readings will be assigned for special study for the purpose of obtaining an early acquaintance with the styles of the best authors. Prerequisites: Freshman Rhetoric. Required of all students majoring in English.

15. **THE RISE AND DEVELOPMENT OF THE DRAMA.** Three hours a week first semester. A study of the origin and growth of the drama in Greece, in Italy, in France, and in England to the time of Shakespeare. Dramatic technique. The religious drama. The Moral plays. The English pre-Shakespearean drama, and the life of Shakespeare. Special attention is given to Shakespearean research and bibliography. Prerequisites: Courses 13 and 14.

16. **SHAKESPEARE.** Three hours a week second semester. A critical study of Shakespeare's plays. The plays chosen represent Comedies, Histories, and Tragedies. Special emphasis is placed on the composition, sources, verse forms, interpretation, and value of each play. The Mechanical and Organic Analysis of plays. Prerequisites: Course 15.

17 and 18. **AMERICAN LITERATURE.** Two hours a week thruout the year. The rise and development of literature in America. Beginning with the Colonial period the course deals with the other great periods of our national life to the present. Special readings in Franklin, Irving, Bryant, Cooper, Hawthorne, Emerson, Whittier, Lowell, Longfellow, Poe, and Holmes. Prerequisites: Courses 13 and 14.

19. REVIVAL OF ROMANTICISM. Three hours a week first semester. The beginning of the movement in Thomson, Gray, Collins, Cowper, Burns, Chatterton, Blake; and its climax in the poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, and Landor. Prerequisites: Courses 7 and 8, 13 and 14.

20. NINETEENTH CENTURY POETRY. Three hours a week, second semester. Tennyson, Browning, Mrs. Browning, Arnold, Clough, Rossetti, Morris, and Swinburne. Prerequisites: Courses 7 and 8, 13 and 14.

21. THE ENGLISH NOVEL. Two hours a week, second semester. The development of the novel. Studies in pre-Elizabethan prose fiction, the Elizabethan prose romance, and the modern novel. Special attention will be devoted to studies in the novels of Richardson, De Foe, Jane Austen, Scott, Eliot, Thackeray, and Fielding. Prerequisites: Courses 13 and 14.

22 and 23. THE HISTORY AND DEVELOPMENT OF ENGLISH PROSE FROM WYCLIFFE TO THE PRESENT. Two hours a week thruout the year. Lectures on the great prose writers and the substance material and style of their works. Special attention is given to literary criticism and required readings in the works of the outstanding authors. Prerequisites: Courses 13-14.

24. CHAUCER. Three hours a week, first semester. The chief aim of the course is to acquaint the student with a considerable body of Chaucer's verse, especially the Canterbury Tales. Prerequisites: (Junior and Senior standing.)

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

26 and 27. CONTEMPORARY LITERATURE. Two hours a week thruout the year. First semester, modern drama in England and America. Second semester, present-day writers of poetry and prose: Kipling, Hardy, Galsworthy, Masfield, Stephen Phillips, and others. Prerequisites: Courses 13 and 14.

FRENCH

1. ELEMENTARY COURSE. Four hours per week, first

semester. Fundamentals of the language. Grammar. Easy prose. Sight reading; pronunciation; conversation; memory work.

2. CONTINUATION OF COURSE. Four hours per week, second semester. Grammar, continued and finished. Study of irregular verbs. Sight reading. Prose, fairy tales or other easy matter. Memory work; pronunciation; dictation; conversation.

3. INTERMEDIATE COURSE. Three hours a week, first semester. Prose and poetry. Selections from Daudet, Halevy or writers of the same grade read and discussed. Poems memorized. Sight reading. Composition and conversation.

4. CONTINUATION OF COURSE 3. Three hours a week, second semester. Composition of a more advanced character. Papers on material studied or on other subjects. Selections from modern writers, both prose and poetry. Memorizing. Dictation; conversation.

5. and 6. ADVANCED COURSE. Two hours per week thruout the year. Study of the modern drama. Reading from Hugo, Musset or others of their rank. The best known of La Fontaine's fables or other poetry read and partly memorized. Composition based on questions arising from class room work or on matter arranged for the purpose. Ample conversation.

7 and 8. SPECIAL COURSE, FOLLOWING PRECEDING. Three hours per week thruout the year. Students majoring in French are strongly recommended to take this course. It furthermore is open to those who wish to add to their knowledge and who have had three years of college work or whose preparation is equivalent to this requirement. If circumstances justify, it may be taken in connection with 5 and 6, but not without consent of instructor. History of French Literature. Study of the Classic Drama; works by Corneille, Racine and Moliere will have foremost consideration. Frequent themes based either on questions as they arise from time to time in pursuance of class room work or on given subjects. As far as practicable the class will be conducted in French, and at least once a fortnight topics of general or timely interest will be discussed. This is for the purpose of

giving the students an opportunity to learn to converse in the foreign tongue with as great an ease as possible.

GEOLOGY

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

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

4. ECONOMIC GEOLOGY. Two hours a week, second semester. A study of the mineral resources of the United States, including: (a) The non-metallic products; fuels—coal, petroleum, gas; building and structural materials—stone, marble, slate, clay, cement, etc.; Miscellaneous products—phosphates, mineral paints, mineral waters, salt, borax, etc. (b) The metal-bearing minerals; the origin and formation of ore bodies; the ores of iron, copper, lead, zinc, gold, silver, etc.; the extraction and use of the metals. (c) Soils—Their nature and origin. Prerequisites: Geology 1, 2 and 3, and Chemistry 1A and 2A or 1B and 2B.

GERMAN

1 and 2. ELEMENTARY COURSE. Four hours a week thruout the year. Grammar, Bacon or some other text used.

Exercises in pronunciation. Easy short stories. Haertel, German Reader for beginners or some other book of the grade of Zschokke, das Wirtshaus zu Cransac. Poems for memorizing; dictation, easy composition and colloquial exercises based on text read.

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

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

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

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

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

8. CONTINUATION OF COURSE 7. Two hours a week, second semester. Goethe continued. A drama by Lessing and some modern writers. Papers on questions occurring. Ample conversation.

9 and 10. ADVANCED COURSE. Three hours a week thruout the year. This course is open only to students who have had four years of college work and who wish to continue their studies. To students specializing in German this course is particularly recommended. The reading of masterpieces of both classic and modern writers, composition, reports on given or chosen subjects and ample conversation. The language in the class room will be German exclusively.

The works to be read and discussed selected from the following authors: Goethe, Schiller, Lessing, Klopstock, Grillparzer, Hauptmann, Sudermann, Hebbel, and Fulda. Faust, first and second part, Wallenstein, Nathan der Weise, die Versunkene Glocke, Agnes Bernauer, Johannes und der Talisman are among those likely to be considered. Poems read and partly memorized. Frequent themes.

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

GREEK

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

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

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

5. **HOMER CONTINUED.** Three hours a week, first semester. Odyssey, books V to XII or the equivalent. A study of the origin of Epic poetry. Greek mythology and the Homeric world.

6. **PLATO.** Three hours a 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 a week, first semester. Careful investigation of Homeric life and thought, as revealed in the Homeric poems. No knowledge of Greek required.

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

9 and 10. **STUDIES IN THE GREEK DRAMA.** Three hours a week thruout the year. Aeschylus, Sophocles, Euripides, and Aristophanes. One drama of each will be read in the original; others will be read in the translations. Ver-rall's Greek Tragedy. Not given in 1920-21.

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

HISTORY

1. HISTORY OF GREECE. Two hours a week, first semester. The political, social, and religious development of the Greek peoples. (Primarily for Freshmen.) Not given in 1920-21.

2. HISTORY OF ROME. Two hours a week, second semester. The evolution of the Roman state from its beginning, its world empire, and its fall. (Primarily for Freshmen.) Not given in 1920-21.

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

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

5. MEDIAEVAL HISTORY OF THE ENGLISH PEOPLE. Four hours a week, first semester. The social, economic, religious, political and constitutional development of the English people from the Anglo-Saxon invasion to the reign of Elizabeth. Frequent class discussions, collateral reading, and the preparation of papers on special subjects. (Primarily for Sophomores.)

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

7. NAPOLEON AND HIS CONQUERORS. Two hours a week, first semester. The Napoleonic Era. The Holy Alliance and the struggles for democracy. The rise of Italy and Germany. Open to those who have had Courses 4 or 6, or an equivalent.

8. **THE GREAT WAR.** Two hours a week, second semester. From the Franco-Prussian war to the present time. Particular attention is given to the causes and results of the greatest world conflict. Open to those who have had Courses 4 or 6, or an equivalent.

9. **THE FRENCH REVOLUTION.** Two hours a week, second semester. A study of the causes found in the conditions of the old regime. The development of the reign of terror. The whole course of the Revolution until the rise of Napoleon. Open to those who have had Courses 4 or 6, or an equivalent. Not given in 1920-21.

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

11. **AMERICAN COLONIAL HISTORY.** Two hours a week, first semester. The development of the colonies socially and politically from their beginning until the adoption of the Constitution. Open to Juniors and Seniors. Not given in 1920-21.

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

13. **HISTORY OF OLD OREGON.** Two hours a week, first semester. The struggle with the British for the possession of old Oregon. The character and work of the early settlers. The influence and work of the missions, particularly those of Jason Lee and Marcus Whitman.

HOME ECONOMICS

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

1. **FOOD ECONOMICS.** Two hours a week, first semester. Functions and nutritive values of foods; nutritive requirements of individuals, families and occupational groups; food costs, marketing and budgets. Prerequisite: Chemistry 9 and 10. Not offered in 1920-21.

2. and 3. **COOKERY AND FOODS.** Two hours a week thruout the year. Practical cookery, cost and quantity of food; serving and preserving food.

4. **DIETETICS.** Two hours a week, second semester. The chemical, physiological and economic factors of normal diets; abnormal diets; dietary standards. Prerequisite—Chemistry 9 and 10. Not offered in 1920-21.

5 and 6. **TEXTILES.** Two hours a week thruout the year. Study of fibers and fabrics from the standpoint of history, economics and society; selection of material and designing; comparison of commercially prepared articles.

7 and 8. **DOMESTIC ART.** Two hours a week thruout the year. Fundamental principles of sewing, involving the study of stitches, selection, preparation and hygienic properties of materials; principles of drafting and application of these principles to the making of simple garments.

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

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

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

12 and 13. **HOME LIFE.** One hour a week thruout the year. Conduct and management of a home and family; manners and social observances; study of typical homes; woman's civic responsibilities.

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

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

LATIN

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

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

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

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

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

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

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

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

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

7 and 8. RAPID READING. Two hours a week thruout the year. The aim is to read a large amount of comparatively easy Latin and to enable the student to acquire facility in the use of the language. Selections from Ovid, Vergil and Gellius. Not given in 1920-21.

9 and 10. TEACHERS' COURSE. One hour a week thruout the year. Lectures, reports, and study of Methods. Examination of text-books. Not given in 1919-1920.

MATHEMATICS

Note.—A major must conclude Courses 1, 2, 3, 4, and either 9 and 10, or 11 and 12. Courses A and B do not count toward the major. Courses 1, 2, 3, and 4 are indispensable in all engineering professions. Major students in Mathematics must take College Physics one year.

COURSE A. Three hours a week, first semester. Is prerequisite to Courses 1 and 2 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 whenever they are applicable.

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

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

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

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

4. **CALCULUS.** Three hours a week, second semester. A continuation of Course 3. Expansion of functions, areas, volumes, length of curves.

5 and 6. **COLLEGE ALGEBRA.** Three hours a week throughout the year. This course considers inequalities and limits, exponentials and logarithms, binomial theorem for any index, convergent and divergent series, expansion of functions in series, permutations and combinations, continued fractions, undetermined co-efficients, determinants in brief.

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

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

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

11 and 12. **ADVANCED CALCULUS.** Three hours a week throughout the year. A continuation of Courses 3 and 4. In-

finite series, Taylor's theorem, surfaces, volumes, some applications to mechanics, differential equations.

14. SURVEYING. Provided a sufficient number of students apply, courses in Surveying beyond the elementary work in Course 8 will be given, such as railroad engineering or road surveying.

MECHANICAL DRAWING

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

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

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

5 and 6. DESCRIPTIVE GEOMETRY. Three hours a week thruout the year. Basic principles of drawing, problems on point, line and plane; curved surfaces, sections, intersections; shades, shadows, and perspective. Two to three hours a week are given to recitations and lectures, the balance of the time is spent at the drawing board. Prerequisites: Courses 1 and 2 and Plane and Solid Geometry.

MUSIC

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

PHILOSOPHY

Note.—The aim of philosophy is the organization of human experience. The following courses in Psychology Philosophy and Religion find concrete application in the Principles and Science of Education. The various courses in

Education find their fuller meaning and unity in Philosophy.

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

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

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

5. **SEMINAR IN PSYCHOLOGY.** Three hours a week, second semester. Intended for those students having a general interest in the more advanced conceptions of the mental processes; will be intensive as well as extensive. The psychological works of James, Munsterberg, Titchner, Yerkes, Sully and Spencer consulted. Open to Juniors, Seniors and Graduate Students. Not given in 1920-21.

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

7. **PHILOSOPHY OF ETHICS.** Three hours a week, second semester. This study will consist of the history and

meaning of the more important ethical theories, both ancient and modern. Includes a discussion of the ethical aim in education, both as to its importance and its proper direction. Attention will be given to the ethical theories of the Greeks and to modern writers such as Kant, Spencer, Paulsen, Bowne, Dewey, and Shaw.

8. HISTORY OF ANCIENT AND MEDIAEVAL PHILOSOPHY. Two hours a week, first semester. This study will endeavor to trace the development of philosophical thought from the Sixth century B. C. to the Sixth century A. D. Text-book study, discussions, and lectures.

9. HISTORY OF MODERN PHILOSOPHY. Two hours a week, second semester. A review of the development of modern philosophic thought, from its beginning in the Sixth century to the present time. Particular attention will be given to those writers who have a close technical relation with the history of education. Systematic reading required in connection with the course.

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

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

PHYSICAL EDUCATION

The need of systematic exercise and training is recognized by all the leading colleges of today and each year sees a larger space provided for it in the curriculum of all our

schools. Willamette, with a large athletic field and a gymnasium with floor space, lockers, showers, etc., is equipped to supply the needs of all students.

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

Physical Education for Men

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

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

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

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

4A. TEACHERS' COURSE. A special course in physical

training designed to prepare students for positions as teachers of physical training or as coaches of athletic teams. Subjects treated: Organization and Administration, Physical Diagnosis, Aid to the Injured, School Hygiene and Sanitation, Gymnastics, Class Room and Playground Exercises and Games. Methods of coaching: Football, baseball, basketball, and track.

Physical Education for Women

- 1B. GYMNASIUM CLASSES. Same as 3A.
- 2B. INDIAN CLUBS.
- 3B. ATHLETIC GAMES. (Open to those physically fit.)
- 4A. Open to women with special qualifications.

PHYSICS

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

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

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

5. **METHODS.** One hour a week, second semester. This course prepares students for teaching Physics in the high schools. History, subject matter, text-books and methods of teaching; the purchase and care of laboratory apparatus and the organization of the laboratory. Reference: Mann, "The Teaching of Physics." Prerequisites: Courses 1, 2, 3 and 4. Primarily for Juniors and Seniors.

6. **HEAT AND THERMODYNAMICS.** Three hours a week, first semester. Advanced study in Heat and Thermodynamics; lectures, recitations and laboratory work. Open

to Juniors and Seniors who have completed Courses 1, 2, 3 and 4, and Mathematics 5 and 6.

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

POLITICAL SCIENCE

1. **INTRODUCTION TO POLITICAL SCIENCE.** Two hours a week, first semester. The nature, organization and ends of the state. For Juniors and Seniors.

2. **COMPARATIVE GOVERNMENT.** Three hours a week, second semester. Study of the state as exhibited in the governments of earlier times and, more particularly, in the modern governments of Europe and America. Primarily for Sophomores.

3. **AMERICAN DIPLOMACY.** Two hours a week, first semester. Review of the diplomatic side of American and European history; study of cases showing the part of the United States in the development of international relations. For Juniors and Seniors.

4. **INTERNATIONAL LAW.** Two hours a week, second semester. Nature and history of international law; rules and regulations governing the conduct of nations in their relations with one another. For Juniors and Seniors.

5. **MUNICIPAL GOVERNMENT.** Two hours a week, first semester. For Juniors and Seniors. Not given in 1920-21.

PUBLIC SPEAKING

1 and 2. **MIND, BODY AND VOICE.** Three hours a week thruout the year. A course based on the understanding that all expression has a mental cause which is revealed by the voice and body. The basic principles of expression; voice culture, breathing, poise, gesture, pronunciation, articulation, modulation, pantomime and their psychological relations.

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

Programs prepared and presented in public. Prerequisites: Courses 1 and 2.

5 and 6. ORATORY. One hour a week thruout the year. Practical course to develop the power to think when upon the feet, and to secure a vocabulary of delivery as well as of words. Practical exercises and studies to awaken a true ideal of oratory. Especially recommended to all students interested in oratorical contest work. Prerequisites: Courses 1 and 2, and English 6 (Public Discourse). Additional credits for contest work in Oratory.

7. DEBATE AND EXTEMPORANEOUS SPEAKING. One hour a week, first semester. The practical application of the principles of argumentation. Attention given to delivery, work on voice and the presentation of public debate. Extra credits allowed for intercollegiate debate work. Prerequisites: Courses 1 and 2, and English 5.

8. DEBATE AND EXTEMPORANEOUS SPEAKING CONTINUED. Two hours a week, second semester.

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

10 and 11. VOCAL INTERPRETATION OF THE BIBLE. One hour a week thruout the year. For preachers, teachers, and Bible students, wherein the mind, body and voice are trained and brought into unity. Imagination and feeling are awakened and the spiritual powers of the student are realized thru his sympathetic identification of self with the Truth. Lyrics and hymns, and all forms of literature found in the Bible studied and interpreted vocally. The aim of this course is to reveal the beauties of the Bible by the proper vocal interpretation. Public Recitals are given annually. Prerequisites: Courses 1 and 2.

12 and 13. DRAMATIC INTERPRETATION. Two hours a week thruout the year. An advanced course for platform work; vocal interpretation of literature; story telling in all its forms, from simple after dinner stories to dramatic and epic narration; the monologue, life sketches, impersonation, and interpretation of the drama. Formal and informal re-

citals, affording practical platform experience with audiences, thruout the year. Prerequisites: Courses 1 and 2, and 3 and 4.

14 and 15. **MASTERPIECES.** Two hours a week thruout the year. The Bible, Shakespeare, Browning, Tennyson and other masters are studied with reference to the spiritual significance, and to vocal interpretation and delineation of character. Prerequisites: Courses 1 and 2, 12, 13, and 14.

RELIGION

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

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

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

1 and 2. **GREEK NEW TESTAMENT.** Two hours a week thruout the year. Critical reading with exegetical study. In 1920-1921 the Gospel of St. John.

3. **HISTORICAL GEOGRAPHY OF BIBLE LANDS.** One hour a week, first semester. The location, topography, and characteristics of those places which figure in the Bible narratives. Not given in 1920-1921.

4. **CANON AND TEXT OF SCRIPTURE.** One hour a week, second semester. A survey of the text, manuscripts and versions of the Scriptures, with a study of their inspiration, centering round the question "How We Got Our Bible." Not given in 1920-1921.

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

6. **NEW TESTAMENT HISTORY.** Two hours a week, second semester. The beginning of Christianity as set forth in the New Testament scriptures, with the histor

ical background furnished in the developments among the Hebrew people in the period between the Old and New Testaments. Not given in 1920-1921.

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

8. and 9. CHURCH HISTORY. Three hours a week throughout the year. The rise and development of the Christian Church from the Apostolic Age to the Reformation.

10. and 11. CHURCH HISTORY. Three hours a week throughout the year. From the Reformation to the present time. Not given in 1920-1921.

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

13. and 14. PSYCHOLOGY OF RELIGION. Two hours a week throughout 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 super-natural in these phenomena.

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

16. THEISM. Two hours a week, second semester. A study of the philosophic basis of this great belief of humanity. Not given in 1920-1921.

17. and 18. OLD TESTAMENT AND NEW TESTAMENT INTRODUCTION. Two hours a week throughout the year. Study of the authorship, date, contents, and literary characteristics of the books of the Old and New Testaments. Not given in 1920-1921.

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

21. RELIGIOUS PEDAGOGY. Two hours a week, first

semester. A study of the childhood and youth in their relation to the religious life and of the best methods of imparting religious instruction. Not given in 1920-1921.

22. and 23. HISTORY OF DOCTRINE. Two hours a week throughout the year. A study of the progress of Christian thought from the beginning of Christianity to the present.

24. and 25. HISTORY OF METHODISM. Two hours a week throughout the year. A study of this great religious movement, first as it was seen in England in the eighteenth century, and second in its later development in the United States from its founding here to the present time. Not given in 1920-1921.

26. HISTORY OF SOCIAL CHRISTIANITY. Two hours a week, first semester. A study of the influence of Christianity upon social progress throughout the Christian centuries. Not given in 1920-1921.

27. THE COUNTRY CHURCH. Two hours a week, second semester. A study of the present day conditions surrounding this indispensable outpost of the kingdom of God, and its present needs. Not given in 1920-1921.

SOCIOLOGY

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

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

3. RURAL SOCIOLOGY. Two hours a week, first semester. The problems of country and village life with references to local needs and general welfare. For Juniors and Seniors. Not given in 1920-1921.

4. SPECIAL PROBLEMS. Two hours a week, second semester. Intensive study of a limited number of social problems. For Juniors and Seniors. Not given in 1920-21.

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

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

SPANISH

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

3 and 4. **INTERMEDIATE COURSE.** Three hours a week throughout the year. Books such as "A Trip Through South America," "Spanish American Reader," "Galdos' Dona Perfecta," read. Study of one or two modern dramas. Papers on work read and given subjects. Drill in modern idioms. Conversational exercises.

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

6. **ADVANCED COURSE CONTINUED.** Three hours a week, second semester. Newspaper reading continued. Literature. Selections from Cervantes and other representative writers of the "Siglo de Oro." Frequent papers. Ample conversation.

COLLEGE OF LAW.**Calendar**

1920

September 13, 14, 15—Registration and Examinations.

September 16—Instruction begins.

November 25—Thanksgiving vacation begins.

November 29—Second term begins.

December 17—Christmas vacation begins.

1921

January 4—Christmas vacation ends.

February 1—Third term begins.

April 2—Fourth term begins.

June 12—Baccalaureate Sunday.

June 15—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 Law Library, containing more than thirty thousand volumes of which the students have the use at all times and in which are found many of the documents of historic value and copies of the laws of every state in the United States, from the earliest colonial times. The decisions of the Appellate and Supreme

Courts of all the states and decisions of the Federal Courts from lowest to highest as well as the reported decisions from Great Britain, Canada and all the countries wherein the common law prevails, as well as many of the reports and codes of civil law countries, thus covering all sources of information concerning the history, administration and practice of the law are available. The Law Library also contains the pleadings and brief of all cases decided in the Supreme Court of Oregon, thus furnishing additional information as to the preparation of cases for trial in this state. It also contains a most up-to-date collection of text-books in every department of the law, by 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 are members of the student body of the University and have the opportunity of engaging in the various student enterprises and activities in common with the students of the other departments. They may participate in the inter-university contests, both athletic and intellectual, and do, in fact, take a prominent place in the student affairs. They are able to register in the College of Liberal Arts for such supplementary work as they may need at part tuition rates. The social advantages of membership in the University are well worth attention. The moral and religious influences of the institution are especially good.

FRESHMAN YEAR—1920-1921

Instructor	Subject	First Term	Second Term	Third Term	Fourth Term
Elmo S. White	Blackstone	Sep. 16—Nov. 23 6 days a week	Nov. 29—Mar. 31 Mon. & Thurs. Feb. 1—Mar. 29 Tuesdays & Fridays		Apr. 4—May 26 Mon. & Thurs.
M. E. McGilchrist	Contracts Agency				
Elmo S. White	Personal Property		Nov. 30—Jan. 28 Tue. & Fri. Dec. 1—Jan. 29 Wed. & Sat.	Feb. 2—May 28 Wed. & Sat.	
E. M. Page	Criminal Law and Procedure				
Ivan G. Martin	Domestic Relations				
M. E. McGilchrist	Torts				
M. E. McGilchrist	Bailments and Carriers				Apr. 1—May 27 Tue. & Fri.
Dean I. H. Van Winkle	Moot Court	Every Monday evening at 7:30 throughout the year.			

JUNIOR YEAR—1920-1921

Wm. H. Trindle	Real Property	Sep. 16—Mar. 31 Mon. & Thurs.			
Roy F. Shields	Evidence	Sep. 18—Jan. 29 Wed. & Sat.			
A. A. Hall	Equity			Feb. 1—May 27 M. Tu. Th. Fri.	
W. E. Keyes	Bills and Notes	Sep. 17—Jan. 28 Tue. & Fri.			
E. M. Page	Partnership		Feb. 2—Mar. 30 Wed. & Sat.		
E. M. Page	Corporations				Apr. 2—May 28 Wed. & Sat.
Dean I. H. Van Winkle	Moot Court	Every Monday evening at 7:30 throughout the year.			

SENIOR YEAR—1920-1921

Roy F. Shields	Pleading and Probate	Sep. 16—Mar. 31 Mon. & Thurs.			Review
Ray Smith	International and Const. Law			Feb. 2—May 28 Wed. & Sat.	
A. A. Hall	Code	Sep. 17—May 27 Tue. & Fri.			
John Bayne	Fed. Court Practice	Sep. 18—Jan. 29 Wed. & Sat.			
Dean I. H. Van Winkle	and Bankruptcy Moot Court	Every Monday evening at 7:30 throughout the year.			

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.

Course of Instruction

The course of study covers a period of three years and terminates with the degree of Bachelor of Laws (LL.B.). The course is so designated as to impart a sound and thoro legal education and to qualify the student to practice in any of the State Courts in the United States or the Federal Courts. The method of instruction is a combination of the text-book, the lecture, and case system with practical experience in briefing and pleading. Attention is especially called to the extensive course on Code and Practice Work, covering two periods a week throughout the entire school year.

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

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

THE SCHOOL OF MUSIC

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

The School occupies a building devoted to its own uses which contains studios for teaching and practice rooms that are complete in arrangement and equipment. Among the special advantages, students of music will 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, composers and performers. 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, Junior and Senior, 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 Regular Course or the Public School Music Course, he will receive a diploma.

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 Ar-

tistic Finish; Public School Music and instruction in grade work; Theory and Music History which includes Harmony, Counterpoint, Composition, Analysis of Form, Instrumentation and Terminology; Appreciation of Music, by lectures illustrated by the organ, piano and voice.

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

GLEE CLUBS. The University maintains a glee club for men and a glee club for women. These clubs will give concerts in Salem and vicinity and in towns and cities of the adjacent states.

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

In order to receive a diploma in Piano, Voice, Violin, Cello or Oregon, one of the following courses must be taken:

Outline of Courses

PIANO.

PREPARATORY COURSE. Piano, two lessons each week.

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

Choir and Choir Practice, throughout the course.

Practice, three to four hours daily throughout the course.

Appearance on programs and attendance at recitals.

Junior Year.

Piano, two lessons each week for the year.

Harmony, two lessons each week for the year.

History of Music, two lessons each week for the year.

Sight Reading, two sessions per week thruout the year.

Appreciation of Music, combined with History of Music.

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

Appearances on programs and attendance at recitals.

Senior Year.

Piano, two lessons each week for the year.

Harmony, two lessons each week for the year, including Counterpoint and Composition.

History and Appreciation of Music, two hours each week for the year.

Choir and Choir Practice, thruout the year.

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

Appearance on programs and attendance at recitals.

Sight Reading, two sessions per week thruout the year.

Voice-students must take two lessons in Voice and one in Piano.

Violin-students, two lessons in Violin and one in Piano.

Cello-students, two lessons on the Cello and one lesson on Piano.

Students who desire to enter the Junior year of any courses in which they want to graduate must pass an examination in the requirements outlined in the preparatory course. Those who have not the required preparation, must take the work in the preparatory course.

If desired students may enter the course for the Senior year by passing an examination in the requirements.

All students who desire to graduate in the Piano course are requested to teach one year in the Normal Training Department (one year, two hours per week).

PUBLIC SCHOOL MUSIC**First Year.**

Voice, one or two lessons each week for the year.

Piano, one lesson each week for the year.

Harmony, two lessons each week for the year.

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

Practice two to three hours daily.

Sight Singing twice each week.

Second Year.

Voice, one or two lessons each week for the year.

Piano, one lesson each week for the year.

Harmony, two lessons each week for the year.

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

Sight Singing, twice each week.

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

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

Chorus, the entire year.

Practice two to three hours daily.

SIGHT READING CLASSES are organized in which the fundamentals of Music are taught. **Every Music student is requested** to join these classes twice per week thruout the year. The course includes Ear training and Sight-singing. Pupils are taught to write in correct notation musical phrases which are played or sung to them, beginning with the simplest phrases in the major-mode, and progressing until difficult melodies in either major or minor can be notated with ease and facility. Intervals, rhythms, scale-building etc. are taught.

Any student of the University may join these classes. (Tuition \$5.00 per semester).

NORMAL TRAINING COURSE

One year training in this course is required of all Piano students who desire to receive a diploma.

Children between ages of seven and twelve, who have never studied music, are enrolled in the children's classes of the Normal Training course and are taught twice per week by Junior and Senior students.

The work is outlined by the head of the Piano department, who supervises the teaching, and who lectures once a week on Musical Pedagogy.

The children will receive two individual lessons and one class lesson per week.

The class lessons consist of table work, elementary training in intervals, chords, scale building and ear training.

Books used in the Piano lessons are: New England Conservatory, Book 1, and Home Study Book by Mrs. Crosby Adams; these are for the First Year's work.

For the second year the following are used: Sonatinas by Kuhlau, Clementi, Mozart, Haydn, etc., and compositions by modern composers.

Ensemble Classes will be also arranged for the second year.

At the end of each semester a recital will be given by the children.

The children will receive these lessons for \$7.00 per semester.

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.

Fees

PIANO AND VOICE

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

VIOLIN, VIOLA AND CELLO

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

PIPE ORGAN

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

(This charge includes the use of the pipe organ for five hours practice per week.)

HISTORY, HARMONY, COUNTERPOINT

Two lessons each week, per semester.....	\$10.00
Public School Music Methods, two lessons each week, per semester	10.00
Sight Reading, two lessons each week, per semester....	5.00

GLEE CLUBS AND CHORUS

Instruction	Free
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RENTAL OF INSTRUMENTS

Piano, two hours each day, per semester.....	\$7.00
Piano, one hour each day, per semester.....	5.00
Pipe organ, with power, each hour practice.....	.25

NOTE.—No refund will be made for absence from lessons or for discontinuance **except in cases of severe personal illness**; but in case of such unavoidable absence the work may be made up by appointment before the close of the semester.

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

GENERAL INFORMATION

RELIGIOUS LIFE. The University was founded, and is maintained, by those who believe that education should include Christian culture. It seeks to develop scholarship and, at the same time, to promote high Christian character. A daily chapel service is held in Waller Hall at which all students are required to be present, and persons not fully approving this requirement are requested not to matriculate. The students have Christians Associations for both sexes, a Mission Study class, several Bible Study classes, an Association of Student Volunteers, and many of them are active in the work of the local churches. The interest of the professors in the personal life of the students and in the various Christian organizations is directed toward securing proper individual self-government. The influence of the University 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 co-operate with the University. Every student is expected to attend the church of his choice at least once a Sunday. Special religious services are held each year for the definite purposes of emphasizing the personal Christian life.

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

sity 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 through 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 through the whole course under an undue strain.

Board and Room

LAUSANNE HALL. A large and modern building is under construction and it is expected to be ready for use at the opening of the school year of 1920. A description circular giving diagram, price and other informations will be distributed during the summer.

BOARDING CLUBS. Co-operative boarding and rooming clubs are conducted by the students at a expense ranging from \$5.00 to \$7.00 a week for both room and board.

Gifts of the Year.

In addition to numerous gifts toward the fund for the erection of a women's dormitory and the war emergency fund, the University gratefully acknowledges gifts for rebuilding the partly destroyed Waller Hall and for repairing the gymnasium. The Freshman class placed a cement walk on the campus connecting Eaton Hall and State Street. Gifts from many persons for erecting of the new Lausanne Hall are acknowledged.

BOARD OF EDUCATION LOANS. The Board of Education of the Methodist Episcopal Church controls a fund for

the purpose of aiding students who are of that church. It is loaned upon the recommendation of the University and under conditions which are not burdensome.

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

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

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

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

No student marked failed the preceding semester is eligible to office except by special action of the Faculty. Only students doing satisfactory class work and those whose conduct is commendable are eligible to election to any office. Such standards of work and conduct must be maintained throughout the tenure of office.

To participate in any inter-collegiate or inter-society contest or represent the college or any class in any public way, a student must be regularly registered and be doing satisfactory work in a minimum of twelve hours of college

work. A student below passing grade in any course for which he has registered is debarred from participation in any such contest or representation.

Addresses, Concerts, and Entertainments

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

Senior Scholars

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

The Senior Scholars for 1919-1920 are: History, La Verne Bowersox; Chemistry, Francis Cramer; Latin, Grace Bagley; Biology, Merrill Ohling.

PRIZES

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

These prizes were won this year by Mr. Paul Wapato, Okanogan, Wash., and Mr. Roy Skeen, Powell Butte, Oregon.

JOHNS PRIZE. A prize of \$10 is offered by Justice Chas. Johns, '78, for the student who does the best work in Latin. The prize was awarded in 1919 to Miss Hazel Bear, Turner, Oregon.

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

These prizes were won this year by Mr. Bernard Ramsey, Madras, Ore., and Mr. Sheldon Sackett, Sheridan, Ore.

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

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

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

The prizes for winning both state and inter-state Inter-collegiate Prohibition Oratorical Contests were awarded Miss Margaret Garrison, of Salem, Oregon. This year she won the national contest held at Des Moines, Iowa, in January.

The winners of the University prizes are: Mr. Paul G. Wapato, Okanogan, Wash.; Mr. Bernard Ramsey, Madras, Ore.; Mr. Sheldon Sackett, Sheridan, Ore.; Mr. Howard George, Wenatchee, Wash.; and Mr. Frank Bennett, Gooding Idaho.

ALBERT PRIZE. Mr. Jos. H. Albert, of Salem, awards \$25 to the student having a record for faithful study and a scholarship not below the average, who, during the school year, opportunities considered has made the greatest progress toward the ideal in (1) Character, (2) Service, and (3) Wholesome Influence. The award will be made in the

following manner: The Faculty, thirty days before Commencement, shall nominate three students for the honor and the Student Body two weeks before Commencement shall select one of the three by secret ballot. No person may receive this prize more than once.

This prize was awarded last year to Mr. Benjamin Rickli, Spring Garden, Calif.

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

In 1919 this prize was won by Miss Mary Parounagian, Salem, Oregon.

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 \$5.00 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 mission.

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 eight. The Philodorian, Adelante, Chrestomathean, and the Palladians are for young women, and the Philodorian, Websterian, Chrestophilian and Lincolnian are for the young men. They have pleasant and well-furnished halls, holding weekly meetings and afford excellent training in composition and public speaking.

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

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

PUBLICATIONS

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

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

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

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

NEEDS OF THE UNIVERSITY

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

There are three ways to make gifts:

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

2. Make gifts on the Annuity Plan. According to this plan, the donor transfers money to the University, and the Trustees legally execute to him an Annuity Bond insuring him a stated per cent on the sum yearly as long as he lives. At the donor's death, the interest ceases and the money remains with the school. The advantages of this plan are:

(a) The donor pays no taxes on the money; (b) There are no fees or allowances paid to the executor or administrator; (c) The donor is freed from all care or anxiety; (d) The donor is enabled to become the executor of his estate during his lifetime; (e) The gift begins its good service immediately. The plan is absolutely safe, the Annuity Bond being guaranteed by all the property of the University and the Board of Trustees.

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

DEGREES CONFERRED.

June, 1919.

DOCTOR OF DIVINITY—

Rev. Wilsie Martin Boise, Idaho

BACHELOR OF ARTS—

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

DIPLOMAS IN MUSIC—

McKinney, Venita (Piano and Voice) Turner Oregon
 Shirley, Florence H. (Piano) Salem, Oregon
 Wible, Margarette R. (Voice) Grants Pass, Oregon

CERTIFICATE IN PUBLIC SCHOOL MUSIC—

Shirley, Florence H. Salem, Oregon

REGISTER OF STUDENTS

College of Liberal Arts.

(Classification as of September, 1919.)

POST GRADUATES—

Gatke, Robert Moulton (A.B. Willamette University).....	Portland, Oregon
Harris, Averil Lucille (A.B. Willamette University).....	Salem, Oregon
Howard, William W. (A.B. University of the Pacific).....	Portland, Oregon
Pemberton, H. Elmer (A.B. Penn College).....	Salem, Oregon

SENIORS—

Austin, Leland A.....	Woodburn, Oregon
Bagley, Grace C.....	Salem, Oregon
Baker, Velma M.....	Hartline, Washington
Bear, Hazel Amy.....	Turner, Oregon
Bowersox, LaVerne Kenneth.....	Wenatchee, Washington
✓Brewster, Bernard.....	Centralia, Washington
✓Brown, John Paul.....	Amity, Oregon
Campbell, Freda.....	Salem, Oregon
✓Conley, Bryan Harvey.....	Nampa, Idaho
Cramer, John Francis.....	LaGrande, Oregon
Dimick, Harold A.....	Aurora, Oregon
Doney, Paul Herbert.....	Salem, Oregon
Doughton, Millard B.....	Lebanon, Oregon
✓Drake, Blanche Pearl.....	Salem, Oregon
Findley, Mary Elizabeth.....	Salem, Oregon
✓Flegel, Barbara Steiner.....	Salem, Oregon
Gordon, Evelyn.....	Portland, Oregon
✓Hobbs, Rita Celestine.....	Walla Walla, Washington
Keefer, C. Murray.....	Salem, Oregon
✓Kelty, William Wesley.....	Clatskanie, Oregon
✓Kloster, Dwight A.....	Portland, Oregon
Knuths, Bernice.....	Brownsville, Oregon
Legge, Kenneth Clair.....	Salem, Oregon
✓Maulden, Robert William.....	Toppenish, Washington
✓Miles, Ross Clarkson.....	Salem, Oregon
✓Miller, Harold C.....	Dallas, Oregon
Ohling, Merrill Doughton.....	Albany, Oregon

Parrett, Eva F.	Newberg, Oregon
✓ Putnam, Welcome R.	Salem, Oregon
Rahskopf, Horace Greeley	San Francisco, California
Satchwell, Estelle	Shedd, Oregon
Savage, Dorothy Odell	Salem, Oregon
Smith, Myrtle A.	Portland, Oregon
Spiess, Henry R.	Canby, Oregon
✓ Wells, Fern	Salem, Oregon
Wise, Vera	Granger, Washington
Yannke, Genevieve L.	Salem, Oregon

JUNIORS—

Aldrich, Frederic D.	Salem, Oregon
Attebery, Raymond	Everett, Washington
Ausman, Glyde	Salem, Oregon
Bailey, Leslie B.	Clatskanie, Oregon
Benner, Joseph	Lebanon, Oregon
Bennett, Frank B.	Gooding, Idaho
Berg, Elizabeth	Fruitland, Idaho
Collins, Victor A.	Hagerman, Idaho
Crozer, Gladys M.	Salem, Oregon
Davies, Lawrence E.	St. Helens, Oregon
Emmel, Herald W.	Portland, Oregon
Esteb, Lemuel E.	Salem, Oregon
Eyre, Winifred	Salem, Oregon
Fisher, Robbin E.	Salem, Oregon
Flegel, Paul S.	Portland, Oregon
Fogg, Ethel L.	Dundee, Oregon
Gilbert, Edna	Salem, Oregon
Gilbert, Tinkham	Salem, Oregon
Gregson, Agnes I.	Salem, Oregon
Gutschow, Marguerite A.	Salem, Oregon
Holt, George F.	Salem, Oregon
Jackson, Rein E.	Emmett, Idaho
Jones, Areta V.	Gervais, Oregon
Kloster, Vernon J.	Portland, Oregon
Linn, Leland P.	Silverton, Oregon
Lyman, Keith A.	Gresham, Oregon
Mason, Myrtle M.	Boise, Idaho
Moore, Ina	Seaside, Oregon

Morse, Bernard.....	Chelan, Washington
McClure, Sybil C.....	Portland, Oregon
McGrew, J. Fred.....	Idaho Falls, Idaho
Olson, Oscar D.....	Woodburn, Oregon
Peringer, Fay J.....	Bellingham, Washington
Persons, Rhoda.....	Salem, Oregon
Peterson, Estella C.....	Seattle, Washington
Rarey, Raymond H.....	Tacoma, Washington
Rarey, D. Russell.....	Tacoma, Washington
Satchwell, Helen L.....	Shedd, Oregon
Sherwood, William E.....	Salem, Oregon
Smith, Sibyl E.....	Vancouver, Washington
Socolofsky, Edwin D.....	Salem, Oregon
Story, Robert C.....	Wolf Creek, Oregon
Thomas, Ralph I.....	Wenatchee, Oregon
Wells, Mildred E.....	Portland, Oregon
Wilkinson, Floyd H.....	Salem, Oregon
Wise, Paul W.....	Granger, Washington

SOPHOMORES—

Bartholomew, Gladys I.....	Salem, Oregon
Bartholomew, Philip J.....	Portland, Oregon
Basler, Loren H.....	Bremerton, Washington
Blatchford, Lorlei.....	Salem, Oregon
Bohle, James.....	Falls City, Oregon
Bolt, Edward.....	Marshfield, Oregon
Brown, Mildred K.....	Granger, Washington
Buckner, Dorothea.....	Salem, Oregon
Busch, Ruth.....	Salem, Oregon
Campbell, Glen W.....	Emmett, Idaho
Chenoweth, Iris M.....	Woodburn, Oregon
Clutter, Lelia.....	Salem, Oregon
Collins, Grace E.....	Portland, Oregon
Coulter, Jay D.....	Amity, Oregon
Croisan, Charlotte M.....	Salem, Oregon
Curtis, Ralph C.....	Camas, Washington
Day, Lester S.....	Bremerton, Washington
Dimick, Ramon E.....	Aurora, Oregon
Doughton, Ardys L.....	Lebanon, Oregon
Drake, Harold P.....	Drain, Oregon

Dunnette, Beatrice.....	Salem, Oregon
Fanning, Irma E.....	Amity, Oregon
Findley, M. Bayard.....	Salem, Oregon
Fliegel, Joseph.....	Salem, Oregon
Gapuz, Bernardo B.....	Bauang, Philippine Islands
Gardner, A. D.	Stayton, Oregon
Gilbert, Elsie.....	Salem, Oregon..
Gillette, Clarence J.	Woodburn, Oregon
Gragg, Frances V.....	Salem, Oregon
Hall, Irene M.....	Athens, Oregon
Harra, Garnet.....	Salem, Oregon
Hawley, Edith N.....	Woodburn, Oregon
Holt, Lucy M.....	Salem, Oregon
Hrubetz, Frances O.....	Salem, Oregon
Huston, F. Edward.....	Canby, Oregon
Isham, Vivian.....	Grants Pass, Oregon
Jenkins, Bernice.....	Salem, Oregon
Lawson, David J.....	Blanchard, Washington
Ledbetter, Ruby F.....	La Grande, Oregon
Leitner, Bertha.....	Portland, Oregon
Lewis, George E.....	Salem, Oregon
Linn, Marion C.....	Silverton, Oregon
Lippold, Elsie R.....	Salem, Oregon
Lucker, John T.....	Salem, Oregon
Lyman, Harold D.....	Gresham, Oregon
Marsters, Lyman S.....	Halsey, Oregon
Mason, Virginia.....	Jefferson, Oregon
Miller, Eva Love.....	Portland, Oregon
Miller, Orville Crowder.....	Salem, Oregon
Mocroft, Ethel I.....	Forest Grove, Oregon
Moodhe, Noble S.	Spokane, Washington
Mort, Howard W.....	Goldendale, Washington
McEuen, Harry.....	Coeur d'Alene, Idaho
McKittrick, Bryan.....	Wenatchee, Washington
McWilliams, Flora.....	Salem, Oregon
Olson, Alvin C.....	Silverton, Oregon
Pollock, Dean.....	Gooding, Idaho
Prescott, Gerald.....	Salem, Oregon
Probst, Dewey.....	Los Angeles, California

Rehbock, Ralph H.	Sunnyside, Washington
Rhorer, Alma G.	Portland, Oregon
Richards, Ruth M.	Milwaukie, Oregon
Rickli, Benjamin E.	Spring Garden, Calif.
Ruby, Leisla N.	Gresham, Oregon
Sackett, Sheldon F.	Sheridan, Oregon
Shanafelt, Emma A.	Salem, Oregon
Sherwood, Paul J.	Salem, Oregon
Shotwell, Cecil L.	Los Angeles, Calif.
Steeves, Muriel	Salem, Oregon
Taylor, Ruth H.	Sunnyside, Washington
Treat, Helen	Salem, Oregon
Wilson, Gladys L.	Salem, Oregon
Wise, Ruth	Granger, Washington

FRESHMEN—

Albert, Mary Jane	Salem, Oregon
Alden, Rodney W.	Salem, Oregon
Ambler, Minnie	Astoria, Oregon
Anderson, Ruth	Salem, Oregon
Anderson, Virgil A.	Salem, Oregon
Ash, Viola M.	Salem, Oregon
Atwood, Lucile A.	Toppenish, Washington
Bain, Verne D.	Tillamook, Oregon
Barnes, Ralph W.	Salem, Oregon
Beck, Freda	Milwaukie, Oregon
Bedford, Ruth	Salem, Oregon
Berry, Clifford	Spokane, Washington
Bilile, Zelda M.	Salem, Oregon
Blake, Fred C.	Salem, Oregon
Bowen, Margaret I.	Salem, Oregon
Boyles, Rae M.	Silverton, Oregon
Brainerd, Grace F.	Marshfield, Oregon
Braun, Margaret W. E.	Dallas, Oregon
Brock, Edgar R.	Oregon City, Oregon
Brouger, John C.	La Centre, Washington
Brown, Gretchen	Salem, Oregon
Buren, Maxine	Salem, Oregon
Buren, Wolcott	Salem, Oregon
Burns, Idabelle	Salem, Oregon

Cartwright, Florence E.....	Salem, Oregon
Caton, Andrew C.....	Lakeland, Florida
Chattin, Wilma A.....	Ashland, Oregon
Clarke, Mildred.....	Salem, Oregon
Collins, Truman W.....	Portland, Oregon
Colwell, Irene.....	Grants Pass, Oregon
Cook, Luther D.....	Salem, Oregon
Cook, Marguerite.....	Portland, Oregon
Cooley, Ruth.....	Salem, Oregon
Cooper, Lillian M.....	Pilot Rock, Oregon
Corbett, Frank P.....	Kamiah, Idaho
Corner, Ivan H.....	Salem, Oregon
Corner, Marie.....	Salem, Oregon
Cox, Miriam E.....	Arlington, Oregon
Craven, Everett H.....	Salem, Oregon
DaMoude, Katherine G.....	Dallas, Oregon
Day, Paul L.....	Bremerton, Washington
DeLong, Evelyn.....	Salem, Oregon
DeMoss, Evelyn.....	Portland, Oregon
Dent, Dorsey E.....	Burns, Oregon
Dicks, Vesta.....	Lakeview, Oregon
Doney, Hugh A.....	Salem, Oregon
Ellis, David C.....	Salem, Oregon
Engelbart, Della.....	Salem, Oregon
Fake, Nell.....	Salem, Oregon
Ferguson, Verne.....	Bremerton, Washington
Findley, Genevieve.....	Salem, Oregon
Finley, Faye H.....	Emmett, Idaho
Flegel, Marjorie.....	Portland, Oregon
Foster, Frank K.....	Hillyard, Washington
Fowler, Max D.....	Boise, Idaho..
Ganzans, Raymond L.....	Lewiston, Idaho
Garrett, Mildred.....	Salem, Oregon
Geddes, Lois M.....	Roseburg, Oregon
George, Howard W.....	Wenatchee, Washington
Gilchrist, Charles C.....	Gold Hill, Oregon
Gill, Mildred.....	Salem, Oregon
Gillet, Orlo M.....	Tangent, Oregon
Glaeser, Alice H. C.....	Salem, Oregon

Gleiser, Fern.....	Palouse, Washington
Grieves, Millicent M.....	Boise, Idaho
Hardy, Helen.....	Salem, Oregon
Harris, Edgar.....	Hood River, Oregon
Harwood, Carmen.....	Salem, Oregon
Hatton, Dean E.....	Spokane, Washington
Hawley, Ada L.....	Woodburn, Oregon
Hege, Hulda.....	Paso Robles, California
Holcomb, Guy H.....	Wenatchee, Washington
Holland, Maud.....	Greenacres, Washington
Housley, Lola.....	Albany, Oregon
Howd, Veda.....	Shaw, Oregon
Howe, Florence.....	Salem, Oregon
Hull, Harold S.....	Salem, Oregon
Hunt, Mary Elizabeth.....	Spokane, Washington
Ingels, Wilda.....	Salem, Oregon
Irvine, Athill W.....	Portland, Oregon
Jennison, Leon O.....	Salem, Oregon
Johnson, Donald.....	Portland, Oregon
Johnson, Earl.....	Bow, Washington
Jones, Verne R.....	Gervais, Oregon
Keefer, Irene A.....	Salem, Oregon
Kelso, Waldo E.....	Yakima, Washington
Kershner, Alta.....	Salem, Oregon
Kimball, Alicia F.....	Oso, Washington
Lamb, Dorothy D.....	Chicago, Illinois
Lawson, Willard.....	Blanchard, Washington
Legge, Margaret.....	Salem, Oregon
Lisle, Everett W.....	Salem, Oregon
Lockhart, Burritt A.....	St. John, Washington
Lockhart, Crystal W.....	St. John, Washington
Maclean, Constance.....	Portland, Oregon
Magness, Adeline A.....	Amity, Oregon
Mallow, Ruth.....	Brownsville, Oregon
Marsters, Carmel E.....	Brooks, Oregon
Marsters, Kathleen M.....	Brooks, Oregon
Medler, John H.....	Wasco, Oregon
Mickelson, William L.....	Camas, Washington
Miller, Harold H.....	Colorado Springs, Colorado

Miller, Keith	Anchorage, Alaska
Miller, Lloyd O.	Falls City, Oregon
Miller, Ruth L.	Dallas, Oregon
Montague, Audrey C.	Pomeroy, Washington
Moody, John G.	Tacoma, Washington
Moore, Frank Layman	Woodburn, Oregon
McClintock, Pauline R.	Weed, California
McInturff, Helen	Cottage Grove, Oregon
McKinnis, Faye	Elgin, Oregon
McLain, William Harvey	Scio, Oregon
Nickel, Jacob A.	Dallas, Oregon
Niswonger, Ida J.	Bend, Oregon
Notson, Edward A.	Heppner, Oregon
Notson, Mary E.	Heppner, Oregon
Paden, Merle K.	Grandview, Washington
Parounagian, Esther B.	Salem, Oregon
Patty, William R.	Amity, Oregon
Phillips, Genevieve J.	Crawfordsville, Oregon
Power, Kenneth	Salem, Oregon
Pratt, Fay	Wallowa, Oregon
Pratt, Sadie E.	Portland, Oregon
Purvine, Lora N.	Salem, Oregon
Rahskopf, Carol E.	San Francisco, California
Ramsey, Bernard	Madras, Oregon
Randall, Eva L.	Salem, Oregon
Ransom, Walter	Salem, Oregon
Rarey, Harry E.	Tacoma, Washington
Ray, Helen A.	Prairie City, Oregon
Raymond, Charles H.	Salem, Oregon
Remington, Pauline E.	Salem, Oregon
Robins, John P.	Salem, Oregon
Robison, Ruth	Amity, Oregon
Roeder, Esther M.	Salem, Oregon
Roork, Velda E.	Pilot Rock, Oregon
Rose, Helen	Salem, Oregon
Rosenkranz, Ruby V.	Colfax, Washington
Ruggless, Laura E.	Vancouver, Washington
Sackett, Vernor M.	Sheridan, Oregon
Satchwell, Dorothy M.	Shedd, Oregon

Schaefer, Ruth E.	Grande Ronde, Oregon
Schmalle, Raymond A.	Salem, Oregon
Scholl, William	Foster, Oregon
Schreiber, Louise A.	Salem, Oregon
Sevy, Genevieve	Milton, Oregon
Shipley, Laura M.	Gresham, Oregon
Simmons, Clifford	Corbin, Idaho
Skaggs, Bessie	Haines, Oregon
Skeen, Roy L.	Powell Butte, Oregon
Smith, Clara	Kennewick, Washington
Smith, Erma	Amity, Oregon
Smith, Mabel I.	Salem, Oregon
Smith, Reuel J.	Salem, Oregon
Smith, Ruth	Dallas, Oregon
Smull, Victor A.	Pasco, Washington
Socolofsky, Salome	Salem, Oregon
Socolofsky, Walter	Salem, Oregon
Spaulding, Mary K.	Salem, Oregon
Stauffer, Mary	Bend, Oregon
St. Clair, Winifred E.	Gresham, Oregon
Stevens, Mildred O.	Hillyard, Washington
Stevenson, Helen M.	Brownsville, Oregon
Stone, Newell M.	Grandview, Washington
St. Pierre, Ella	Salem, Oregon
Strevey, Elmer	Hillyard, Washington
Strevey, Mildred	Hillyard, Washington
Taylor, Gladys	Albany, Oregon
Thomas, Orin	Condon, Oregon
Thomas, Ruth M.	Harrisburg, Oregon
Tucker, Lucille I.	Salem, Oregon
Tussing, Aubrey S.	Brownsville, Oregon
Tyler, Grace M.	Salem, Oregon
Villanueva, Aurelio	Solano, N. V., Philippine Island
Von Eschen, Elton L.	Salem, Oregon
Walker, Edith L.	Salem, Oregon
Wallace, Faerie W.	Spokane, Washington
Waltz, Lloyd B.	Monroe, Oregon
Warren, Albert W.	Stayton, Oregon
Warren, Edward J.	Stayton, Oregon

Welch, Alice R.....	Salem, Oregon
White, Bruce E.....	Polson, Montana
White, Lucile.....	Scotts Mills, Oregon
Wilken, Hubert	Salem, Oregon
Williams, VeOna B.....	Grants Pass, Oregon
Willoughby, Elizabeth	Grandview, Washington
Wilson, Carolyn	Salem, Oregon
Worthley, Alice Z.....	Wenatchee, Washington
Zeller, Vernel J.....	Sunnyside, Washington
Zeller, Waldo C.....	Sunnyside, Washington

SPECIALS—

Acheson, Thomas	Salem, Oregon
Alden, Margaret M.	Salem, Oregon
Allen, Robert J.....	Brooks, Oregon
Allington, Harland D.....	Tacoma, Washington
Anderson, Gustav A.....	Salem, Oregon
Baker, William R.....	Hillyard, Washington
Bates, Alfred P.....	Salem, Oregon
Benjamin, Louise C.....	Salem, Oregon
Blenkinsop, P. M.....	Salem, Oregon
Clark, Aubrey H.....	Turner, Oregon
Clark, Edna May.....	Turner, Oregon
Compton, Eddy D.....	Salem, Oregon
Cooper, Harvey O.....	Salem, Oregon
Cooper, Mrs. H. O.....	Salem, Oregon
Croisan, Isabel C.....	Salem, Oregon
Ferguson, Martha A.....	Hood River, Oregon
Gilbert, Gladys M.....	Albany, Oregon
Goodson, George.....	Salem, Oregon
Grissom, A. F.....	Salem, Oregon
Hall, Sydney W.....	Salem, Oregon
Harden, Glenn R.	Lebanon, Oregon
Harris, Keith M.	Salem, Oregon
Hassel, David C.	Salem, Oregon
Hathaway, Frank W.....	Portland, Oregon
Hoover, Helen R.....	Portland, Oregon
Kantner, Constance	Salem, Oregon
Larson, Alice	Portland, Oregon
Lister, Kingston S.	Tacoma, Washington

Lynn, Margaret C.	Coulee City, Washington
McNees, John A.	Salem, Oregon
Nicholl, William	Salem, Oregon
Norene, Edwin H.	Portland, Oregon
Payne, Oscar W.	Echo, Oregon
Pemberton, Carl H.	Salem, Oregon
Radspinner, Fred S.	Aurora, Indiana
Randall, Edwin T.	Everett, Washington
Ranton, Edwin G.	Lynden, Washington
Rentfro, Mabel	Salem, Oregon
Royston, Fred R.	Salem, Oregon
Ryan, Albert L.	Sheridan, Oregon
Sammons, Gordon W.	Falls City, Oregon
Sawyer, Maurice	Salem, Oregon
Todhunter, Ray W.	Salem, Oregon
Tyler, Inez	Salem, Oregon
Vinson, Willis D.	Portland, Oregon
Walker, Hugh J.	Salem, Oregon
Wapato, Paul G.	Okanogan, Washington
Warrell, John W.	Salem, Oregon
Woodfin, John D.	Salem, Oregon

College of Law

SENIORS—

Becke, Carl	Salem, Oregon
Hayden, Miller B.	Salem, Oregon
Hendricks, Paul	Salem, Oregon
Sammons, Gordon W.	Falls City, Oregon
Wassom, Roy	Salem, Oregon
Watt, Gordon	Salem, Oregon

JUNIORS—

Esteb, Lemuel	Salem, Oregon
Millie, Henry J.	Grandview, Washington
McGrew, Fred	Idaho Falls, Idaho
Page, Lyle J.	Salem, Oregon
Purdy, Hope	Salem, Oregon
Tasto, Arthur F.	Salem, Oregon

FRESHMEN—

Anderson, Albert T.	Salem, Oregon
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Bedingsfield, J. B.....	Salem, Oregon
Boatwright, Rufus	Turner, Oregon
Branson, Ernest N.....	Salem, Oregon
Brown, T. Leland	Salem, Oregon
Burris, Paul F.....	Salem, Oregon
Cain, Vincent	Summit, Oregon
Conley, Bryan H.....	Nampa, Idaho
Coon, Norman D.....	Myrtle Creek, Oregon
Ellis, Clyde R.....	Salem, Oregon
Haines, Clarice V.....	Salem, Oregon
Haines, Helen	Salem, Oregon
Hillpot, John V. L.....	Salem, Oregon
Hinges, Karl E.....	Salem, Oregon
Keene, Norma N.....	Salem, Oregon
Kirk, Will T.....	Salem, Oregon
Kloster, Vernon	Portland, Oregon
LaCouse, Orin A.....	Salem, Oregon
Moffitt, Verden M.....	Salem, Oregon
Parrott, Gladys M.....	Salem, Oregon
Palmer, Rex A.....	Marion, Oregon
Pope, Carl T.....	Salem, Oregon
Ramsey, Bernard	Madras, Oregon
Randall, Donald T.....	Salem, Oregon
Reinhart, Marybelle	Salem, Oregon
Seley, Arthur M.....	Salem, Oregon
Villanueva, Aurelio.....	Solano, Philippine Islands
Williams, Roy A.....	Salem, Oregon
Woods, Ernest R.....	Salem, Oregon
Wygant, Harold V.....	Salem, Oregon

School of Music

Abbreviation: V, Voice; P, Piano; O, Organ; Vi, Violin; H, Harmony; M-H, Musical History; P. S. M., Public School Music.

SENIORS—

Briggs, Loa Ellen.....	P.S.M.....	Heppner, Oregon
DeLong, H. Evelyn.....	O.....	Salem, Oregon
Ross, Lucile	P.O.....	Salem, Oregon
Albert, Mary Jane.....	V.....	Salem, Oregon

Alden, Margaret	P	Salem, Oregon
Aldrich, Fred	V,Vi	Salem, Oregon
Ambler, Minnie	P	Salem, Oregon
Ash, Viola	H	Salem, Oregon
Atwood, Lucile	O	Toppenish, Washington
Basler Loren	V	Bremerton, Washington
Blenkinsop, P. M.	V	Salem, Oregon
Blatchford, Lorlei	V	Salem, Oregon
Bowen, Margaret I.	P	Salem, Oregon
Briggs, Loa E.	P,V,H,M-H,P.S.M.	Heppner, Ore.
Brodie, Gladys	P,H,M-H,V,O	Spokane, Wash.
Brown, Gretchen	H	Salem, Oregon
Brown, Mildred K.	V,M-H	Granger, Washington
Carson, Pearl	P,V,H,M-H,P.S.M.	Chewelah, Wash.
Carter, Gladys	P,H,M-H	Myrtle Point, Oregon
Collins, Grace	P	Portland, Oregon
Colwell, Irene	P,V,H	Grants Pass, Oregon
Cook, Marguerite	P,V,H,M-H	Portland, Oregon
Corner, Ivan	P	Salem, Oregon
DeLong, Evelyn	O	Salem, Oregon
DeMoss, Evelyn C.	P	Yamhill, Oregon
Doney, Paul H.	V	Salem, Oregon
Ferguson, Martha	V	Hood River, Oregon
Ferguson, Verne	H	Bremerton, Washington
Findley, Genevieve	P	Salem, Oregon
Findley, Louise	P	Salem, Oregon
Finley, Faye	P,H	Emmett, Idaho
Flegel, Marjorie	V	Portland, Oregon
Hoyt, Laura	P,H	Salem, Oregon
Hunt, Mary Elizabeth	P,V	Spokane, Washington
Isham, Vivian	V,P.S.M.	Grants Pass, Oregon
Keefer, Irene A.	P	Salem, Oregon
Leitner, Bertha	P	Portland, Oregon
Lisle, Everett	V	Salem, Oregon
Lucker, John T.	V	Salem, Oregon
Maclean, Constance	P	Portland, Oregon
Mason, Virginia	V	Jefferson, Oregon
Miles, Ross	V	Salem, Oregon
Miller, Lloyd O.	H	Falls City, Oregon

Mocroft, Ethel	P	Forest Grove, Oregon
Montague, Audrey	V	Pomeroy, Washington
Morse, Bernard	V,H	Chelan, Washington
McDonald, Lyman	P,V,H	Salem, Oregon
McGrew, James Fred	P	Idaho Falls, Idaho
McIntire, Floyd H.	V,H	Salem, Oregon
McWilliams, Flora	P	Salem, Oregon
Niswonger, Ida	P	Bend, Oregon
Pratt, Fay	P,H	Walla, Oregon
Pratt, Sadie	P,V	Portland, Oregon
Putnam, Bruce	P,V,H	Salem, Oregon
Rahskopf, Carol	P	San Francisco, California
Rarey, Raymond	V	Tacoma, Washington
Rasor, Walter	P,V	Ashland, Oregon
Roberts, Eva	P,V,H,M-H	Cove, Oregon
Roork, Velda	P,H,M-H,O	Pilot Rock, Oregon
Rosenkranz, Ruby	P	Colfax, Washington
Ross, Lucile	P,O	Salem, Oregon
Ruggless, Laura	P	Vancouver, Washington
Ryan, Albert	V	Sheridan, Oregon
Sackett, Vernor	V	Sheridan, Oregon
Sevey, Genevieve	V	Milton, Oregon
Shanafelt, Emma	V	Salem, Oregon
Shipley, Laura	V	Gresham, Oregon
Skaggs, Bessie	P	Haines, Oregon
Socolofsky, Edwin	V	Salem, Oregon
Spaulding, Mary	P,V	Salem, Oregon
Stafford, Dorothy	P,O,H,M-H	Oregon City, Oregon
Stone, Nellie Pearl	P,H,M-H	Portland, Oregon
Tyler, Inez	P	Salem, Oregon
Tyler, Lois	V	Salem, Oregon
Willams, VeOna	V	Grants Pass, Oregon
Worthley, Alice	P,H	Wenatchee, Washington

Summary of Attendance

COLLEGE OF LIBERAL ARTS—

Post Graduates	4		
Seniors	1920	37	
Juniors	1421	46	
Sophomores	1422	73	
Freshmen	1423	190	
Specials		49	399

COLLEGE OF LAW—

Seniors	6		
Juniors	6		
Freshmen	30	42	
Registered in College of Liberal Arts.....		6	36

SCHOOL OF MUSIC—

	73		
Registered in College of Liberal Arts.....	58		15
Total enrollment			450

Residents by States

Oregon	339	Washington	71
Idaho	15	California	7
Philippine Is.	2	Alaska	1
Montana	1	Colorado	1
Illinois	1	Indiana	1
Florida	1		

INDEX

- Administrative Officers.....12
 Attendance, Class.....28
 Attendance, Summary of.....97
 Admission, Terms of:
 College of Liberal Arts19
 College of Law67
 Alumni Officers 7
 Alumni Trustees 5
 Anatomy, Course in35
 Art History, Courses in33
 Assaying, Course in.....36
 Astronomy, Courses in.....33
 Athletics (see Physical Edu-
 cation).....55
 Bible, Courses in.....33
 Biology, Courses in.....33
 Boarding75
 Botany, Courses in.....34
 Buildings15
 Calendar 3
 Calendar, College of Law.....64
 Certificates, Teachers'.....29
 Chemistry, Courses in.....35
 Christian Associations.....79
 Christian Life.....74
 College Life, Course in.....37
 College of Law.....64
 College of Liberal Arts.....19
 Class Standing.....28
 Committees of Board of
 Trustees 6
 Composition, Courses in.....40
 Conference Trustees..... 5
 Courses of Study:
 College of Law.....64
 College of Liberal Arts.....33
 School of Music.....68
 Courts65
 Debate, Courses in.....41, 59
 Degrees Conferred.....82
 Degrees, Requirements for:
 Bachelor's21
 Master's21
 Discounts31
 Economics, Courses in.....38
 Education, Courses in.....38
 Eligibility76
 Endowment81
 Engineering, Preparation for...25
 English, Courses in.....40
 English, Freshman Classifying
 Examinations in.....40
 Entertainments77
 Equipment17
 Ethics, Course in.....54
 Examinations27
 Expenses30
 Faculty 8
 Fees30, 72
 French, Courses in.....43
 General Information.....74
 Geology, Courses in.....45
 German, Courses in.....45
 Gifts, How to Make.....81
 Gifts of the Year.....75
 Glee Clubs.....80
 Graduate Work.....21
 Graduation28
 Greek, Courses in.....47
 Group System, The.....21
 Gymnasium Work (see Phy-
 sical Education)55
 Historical Information.....13
 History, Courses in.....48
 Home Economics, Life in.....49
 International Law, Course in....58
 Journalism, Courses in.....41
 Journalism, Preparation for....26
 Kimball School of Theol-
 ogy12, 26, 60
 Laboratories17
 Latin, Courses in.....50
 Lausanne Hall.....16, 75
 Law, College of.....64
 Law, Courses in.....66
 Law, Preparation for.....26
 Lectures77
 Liberal Arts, College of.....19
 Libraries17
 Literary Societies.....80
 Literature, Courses in.....42
 Loans and Scholarships.....76
 Location14
 Mathematics, Courses in.....51
 Mechanical Drawing, Courses in.53
 Medicine, Preparation for.....26
 Mineralogy, Course in.....45
 Missions, Course in.....61
 Morphology, Course in.....33
 Museum18
 Music, Courses in.....68
 Music Fees.....72
 Music, School of.....68
 Needs of the University.....81
 Newspaper Writing.....41
 Officers of Administration.....12

Oratory, Courses in.....	41, 58	School Law	29
Oregon Law School.....	29	Self Help.....	75
Ornithology, Course in.....	35	Senior Scholars.....	77
Pedagogy (see Education).....	38	Schedule of Classes and Hours...	32
Philosophy, Courses in.....	53	Short-Story, Course in.....	42
Physical Education, Courses in...	55	Sociology, Courses in.....	62
Physics, Courses in.....	57	Spanish, Courses in.....	63
Physiology, Courses in.....	34	Special Students.....	20
Pianoforte, Courses in.....	69	Standard College.....	26
Pipe Organ.....	69	Standing	20, 27
Political Science, Courses in.....	58	Statistics, Course in.....	62
Prizes	77	Student Body Fee.....	30
Professions, Foundation for.....	25	Student Organizations.....	79
Psychology, Courses in.....	54	Surveying, Course in.....	52
Publications	80		
Public Speaking, Courses in.....	58	Teachers' Bureau	29
Quality Hours.....	23	Teachers' Certificates	29
Refund of Bills and Fees.....	31	Trustees	4
Religion, Courses in.....	60	Tuition:	
Register of Students.....	83	College of Law.....	30
Registration	3, 27	College of Liberal Arts.....	30
Regulations, General.....	74	School of Music.....	72, 73
Requirements for:		Violin, Courses in.....	70
Entrance	19	Visitors:	
Graduation	21	Conferences	7
Room and Board.....	75	State	7
Scholars, Senior.....	77	Voice, Courses in.....	70
Scholarships	31, 76	Zoology, Courses in.....	34

