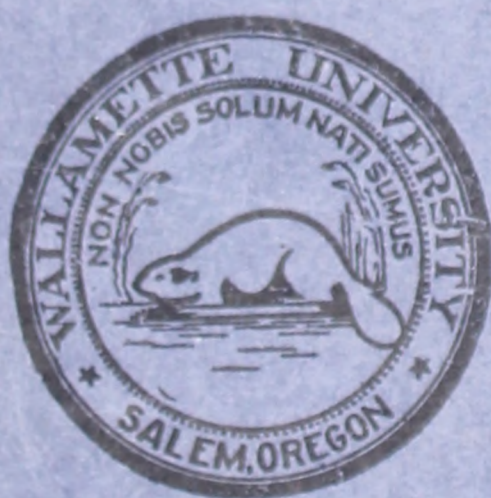


The
Willamette University
Bulletin



Catalog Edition
1923-24

Willamette University

[Founded 1842—Opened 1844]

INCLUDING

COLLEGE OF LIBERAL ARTS
COLLEGE OF LAW
SCHOOL OF MUSIC



ANNUAL CATALOG

ANNOUNCEMENTS 1923-1924

WILLAMETTE UNIVERSITY BULLETIN

Vol. XVI

MAY, 1923

No. 2

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

CALENDAR

1923

SEPTEMBER							OCTOBER						
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1924

JANUARY							FEBRUARY						
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CALENDAR

1923

September 17-19	Registration and Entrance Examinations,
September 17	2:30 p. m.—Freshman Classifying Examination in English (See note page 44).
September 20	7:45 a. m.—Instruction begins.
November 29-30	Thanksgiving Recess.
December 21	3:30 p. m.—Christmas Vacation begins.

1924

January 13	7:45 a. m.—Instruction resumes.
February 4-9	Examinations of First Semester.
February 4-9	Registration Second Semester.
February 7	Day of Prayer for Colleges.
February 22	Washington's Birthday Address.
March 7	Freshman Glee.
March 21	3:30 p. m.—Spring Vacation begins.
March 31	7:45 a. m.—Instruction resumes.
May 2-3	May Festival, beginning May 2, 1:00 p.m.
May 30	Memorial Day.
June 4	Examinations of Second Semester begin.

Commencement Week

June 8	Baccalaureate Sermon. Farewell Meeting of Christian Associations. 8:00 p. m.—Sermon to Christian Associations.
June 9	6:30 a. m.—Senior Breakfast. 8:00 p. m.—President's Reception.
June 10	Meeting of the Board of Trustees. Class Day.
June 11	10:30 a. m.—Commencement Exercises. 2:30 p. m.—Alumni Business Meeting. 6:30 p. m.—Alumni Banquet.

Summer Session of 1923

First Term, June 18-July 27.
Second Term, July 30-September 7.

BOARD OF TRUSTEES

Officers

B. L. Steeves, President.....	Salem
C. B. Moores, Vice President, 281 E. 15 N.....	Portland
A. A. Lee, Secretary.....	Salem
A. N. Bush, Treasurer.....	Salem

Elected by the Board

	Term Expires
C. C. Anderson, 145 East Idaho Street, Boise, Idaho.....	1923
E. T. Barnes, Salem.....	1923
J. H. Booth, Roseburg.....	1923
P. J. Brix, Portland.....	1923
W. W. Brown, Fife.....	1923
Mrs. A. N. Bush, Salem.....	1923
J. K. Gill, Portland, Ore.....	1923
C. B. Moores, 281 E. 15th St. N., Portland.....	1923
J. W. Day, 847 Kerby Street, Portland.....	1923
M. C. Findley, Salem.....	1923
A. F. Flegel, 909 Northwestern Bank Bldg., Portland.....	1923
A. A. Schramm, Corvallis.....	1923
J. L. Hartman, 233 East Sixtieth Street, Portland.....	1923
R. J. Hendricks, Salem.....	1923
Bishop W. O. Shepard, Artisans Bldg., Portland.....	1923
Thomas B. Kay, Salem.....	1923
James Moore, Sherwood.....	1923
Miss Bertha Moores, 395 Twelfth St., Portland.....	1923
Paul B. Wallace, Salem.....	1923
C. P. Bishop, Salem.....	1923
A. M. Smith, Columbia Bldg., Portland.....	1923
J. R. Ellison, Broadway Bldg., Portland.....	1923
G. F. Johnson, 149 Sixth St., Portland.....	1923
J. O. Goltra, Salem.....	1923
M. L. Jones, Brooks.....	1923
Phil Metschan, Imperial Hotel, Portland.....	1923
Lloyd T. Reynolds, Salem.....	1923
E. L. Wells, Custom House, Portland.....	1923
E. S. Collins, 347 Pittock Blk., Portland.....	1924
B. L. Steeves, Salem.....	1924
Carl G. Doney, Salem.....	Ex-officio

Elected by the Alumni

Burgess F. Ford, A.B. '05, Vale.....	1923
I. H. Van Winkle, A.B., '98, LL.B. '01, Salem.....	1924
A. N. Moores, '76, Salem.....	1925

Elected by the Oregon Conference

E. C. Hickman, Salem.....	1923
W. W. Youngson, Portland.....	1923
J. T. Abbett, Portland.....	1923
E. E. Gilbert, Salem.....	1924
S. A. Danford, Eugene.....	1924
B. E. Kirkpatrick, Salem.....	1924
D. H. Leech, Portland.....	1924
R. A. Booth, Eugene.....	1925
W. S. Gordon, Roseburg.....	1925
Hiram Gould, Newberg.....	1925

Elected by the Columbia River Conference

J. W. McDougall, Spokane, Wash.....	1923
G. E. Hunt, Spokane, Wash.....	1924
J. W. Caughlin, Ellensburg, Wash.....	1925

Elected by the Idaho Conference

F. D. McCully, Joseph.....	1923
C. H. Packenham, Boise, Idaho.....	1924

Elected by the Pacific German Conference

A. J. Weigel, Ridgefield, Wash.....	1923
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Elected by the Danish-Norwegian Conference

C. J. Larsen, Portland, Ore.....	1923
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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, J. K. Gill, C. C. Anderson, R. J. Hendricks.

FACULTY. M. C. Findley, R. A. Booth, B. L. Steeves, Carl G. Doney, Bishop W. O. Shepard, A. M. Smith, C. P. Bishop, A. A. Lee, J. O. Goltra, Paul Wallace.

FINANCE. B. L. Steeves, G. F. Johnson, Carl G. Doney, P. J. Brix, C. P. Bishop, C. B. Moores, D. H. Leech, M. L. Jones, G. E. Hunt.

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

AFFILIATED COLLEGES. R. A. Booth, Hiram Gould, B. L. Steeves, I. H. Van Winkle, C. H. Pakenham, W. W. Youngson, J. R. Ellison, S. A. Danford.

BUILDINGS AND GROUNDS. Paul Wallace, Mrs. A. N. Bush, C. P. Bishop, R. A. Booth, W. W. Brown, Miss Bertha Moores, L. T. Reynolds, H. Gould.

DEGREES. A. F. Flegel, R. A. Booth, J. T. Abbett, B. E. Kirkpatrick, J. W. McDougall, A. J. Weigle, F. D. McCully.

EXECUTIVE. Carl G. Doney, R. A. Booth, E. S. Collins, A. M. Smith, A. A. Lee, B. L. Steeves, Paul Wallace, W. O. Shepard, W. W. Youngson.

ATHLETICS. W. W. Youngson, T. B. Kay, B. F. Ford, A. F. Flegel, A. A. Schramm, P. Metschan, L. T. Reynolds.

RELIGIOUS. J. W. Day, James Moore, C. J. Larsen, E. E. Gilbert, E. C. Hickman, E. L. Wells, W. S. Gordon.

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

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

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

Alumni Officers, 1921-22

James W. Crawford, '11, Portland	President
Beryl Holt, '16, Salem	Secretary-Treasurer
Sheldon Sackett, '22, Salem	Executive Council
Robert M. Gatke, '19, Salem	Executive Council
Harold Eakin, '18, Salem	Athletic Council
Lestle Sparks, '19, Salem	Athletic Council
Helen Pearce, '15, Salem	Collegian Reporter

Official Visitors of the State of Oregon to the University

(University Charter, Section 5)

Hon. Walter M. Pierce	Governor of Oregon
Hon. Thomas McBride	Chief Justice Supreme Court
Hon. George H. Burnett	Justice Supreme Court
Hon. H. J. Bean	Justice Supreme Court
Hon. J. L. Rand	Justice Supreme Court
Hon. Lawrence T. Harris	Justice Supreme Court
Hon. Jno. McCourt	Justice Supreme Court
Hon. Geo. M. Brown	Justice Supreme Court
Hon. Jay Upton	President of the Senate
Hon. K. K. Kubli	Speaker, House of Representatives

Conference Visitors

Oregon Conference

Chas. MacCaughey	Portland
S. J. Cheney	Ashland

Columbia River Conference

Robert Brumblay	Sunnyside, Wash.
R. E. Smith	Wenatchee, Wash.

FACULTY

(The professors are arranged alphabetically.)

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—

The E. E. Upmeyer Professor of History 1915—

ROY H. BOHLER

Washington State College
University of Illinois

Professor of Physical Education 1921—

E. T. BROWN, B.S.

University of Washington
Professor of Physics 1921—

LIDA FAKE BROWN, B.S. in Home Economics

Milwaukee-Downer College
Professor of Home Economics 1919—

ALICE H. DODD

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

GUSTAV EBSSEN, A.M.

Universities of Berlin, Paris and Madrid
Denmark State University

Professor of Modern Languages 1915—

Assistant in Modern Languages

REV. THOMAS E. ELLIOTT, D.D.

Educated in England

Vice President 1920—

FRANK M. ERICKSON, A.M.

Wabash College

University of Chicago

Austin Scholar Harvard University

Professor of Education 1920—

FRANK G. FRANKLIN, Ph.D.

Cornell University

University of Chicago

Professor of Social Science 1918—1921

Librarian and Professor of Library Science 1921—

ROBERT M. GATKE, A.M., B.D.

Willamette University

Kimball School of Theology

Assistant Professor of History 1920—

HELEN I. HANNA, A.M.

Central College, Ia.

University of Illinois

Assistant Professor of Modern Languages 1920—

MINNA L. HARDING

Graduate St. John Conservatory of Oratory and Music
Graduate Greely School of Expression and Dramatic Art

Professor of Public Speaking 1920—

CLAUD A. KELLS, B.H.

Springfield Y. M. C. A. College

Instructor in Association Science 1921—

WILLIAM E. KIRK, A.M.

University of Nebraska

Graduate Student Columbia University

Professor of Ancient Languages 1906—1913; 1915—

JAMES T. MATTHEWS, A.M.

Willamette University

University of California

Professor of Mathematics 1893—

The James T. Matthews' Professorship established by
the classes of 1923-24-25-26.

CONSTANTINE M. PANUNZIO, A.M., S.T.B.

Wesleyan, Boston, Harvard, and Columbia Universities
Sometime Fellow in Social Research, New York University

Professor of Social Science 1921—

Professor of Political Science

MORTON E. PECK, A. M.

Cornell College

Research work in Central America three years

Professor of Biology 1908—

JESSIE GRANT PECK

Ellsworth College

Assistant in Biology 1910—

HELEN PEARCE, A.B.

Willamette University

Graduate work Radcliffe College

Assistant in English 1920—

ERNEST C. RICHARDS, A.M.

Morningside College

Boston University

University of California

Secretary of Education 1916—1920

Professor of Rhetoric 1920—

FRANCES M. RICHARDS, A.M.

University of Michigan

Ohio Wesleyan University

Dean of Women and Assistant in English 1918—

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

Upper Iowa University

New York University

Sometime Fellow in New York University School of Pedagogy

Professor of Social Science and Education 1914-15

Professor of Philosophy and Education 1915—

FAY P. THOMAS, A.B.

Willamette University

Instructor in Spanish

FLORIAN VON ESCHEN, Ph. M.

Simpson College
 University of Illinois
 University of Chicago
 Washington University

Professor of Physics and Chemistry 1908—1918

Professor of Chemistry 1918—

.....
 Assistant Professor of Chemistry—

HORACE WILLISTON, Jr., A.M.

Reed College
 University of Pennsylvania

Professor of English 1922—

ELIZABETH H. WILLISTON, A.M.

Reed College
 University of Pennsylvania

Instructor in Mathematics 1922—

LIBRARY STAFF

F. G. Franklin.....	Librarian
Mrs. Viola P. Franklin.....	Reference Librarian
Mary S. Wells.....	Student Assistant
Alice B. Wells.....	Student Assistant

STUDENT ASSISTANTS

Grace Brainerd.....	Mathematics
Lola Housley.....	Latin
Esther Parounagian.....	Biology
Ruth Smith.....	Mathematics
Sadie Pratt.....	French
Edna Jennison.....	Latin

School of Music

EMERY W. HOBSON

Graduate Cincinnati College of Music
 Student four years Sig. Lui Mattioli winning Springer Gold Medal
 Vocal Director fourteen years
 Director School of Music and Professor of Voice 1920—

WILLIAM WALLACE GRAHAM

Royal High School of Berlin nine and a half years
 Student Joachim and Martian
 Professor of Violin 1921—

FRANKLIN B. LAUNER

Student Lillian J. Petri, Mrs. Thos. C. Burke and Percy Grainger
 Chicago Musical College
 Professor of Piano 1922—

T. S. ROBERTS

Piano with Dr. Adam Geibel
 Organ, etc., with Dr. D. D. Wood
 Instructor in Pipe Organ, Wood Wind Instruments
 and Cornet 1919—

LUCILE ROSS

Graduate Willamette University School of Music
 Instructor in Piano 1919—

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Degrees conferred June, 1923
 Registration of Students, Sept. 1923

College of Law

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

RAY L. SMITH, A.B., LL.B.
Willamette University
Yale University
Secretary of the Law School
Instructor Constitutional Law and Agency

WALTER E. KEYES, LL.B.
George Washington University
Instructor in Bills and Notes

ROY F. SHIELDS, LL.B.
Willamette University
Instructor in Pleadings and Probate Law

RONALD C. GLOVER, LL.B.
Willamette University
Instructor in Equity

C. M. INMAN, LL.B.
Willamette University
Instructor in Oregon Law

E. M. PAGE, LL.B.
Willamette University
Instructor in Criminal Law, Corporations and Partnership

JOHN BAYNE, LL.B.
Willamette University
Instructor in Bankruptcy

BRAZIER C. SMALL, LL.B.
Willamette University
Instructor in Torts, Bailments and Carriers

ELMO S. WHITE, LL.B.
Willamette University
Instructor in Blackstone

WILLIS S. MOORE, LL.B.
Northwestern University Law School
Instructor in Real Property

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.
E. W. HOBSON, Director of the School of Music.
E. T. BROWN, Secretary of the Liberal Arts Faculty.
JAMES LISLE, Curator of the Museum.
ROY H. BOHLER, Director of Physical Education.
F. G. FRANKLIN, Librarian.
SUSAN H. CHAFFER, Registrar.
N. S. SAVAGE, Business Secretary.
W. E. PURDY, Field Secretary.
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

Eugene Christian Hickman, A.B., D.D., President
Professor of Practical Theology.

Everett Stetson Hammond, A.M., S.T.B., Ph.D.
Professor of Historical Theology.

John Dale McCormick, A.M., B.D., D.D.
Professor of New Testament.

William Henry Hertzog, A.B., B.D.
Professor of Rural Leadership.

Donald W. Riddle, A.M., B.D.
Professor of Old Testament

Blaine E. Kirkpatrick, A.B., B.D.
Special Lecturer in Practical Theology.

H. F. Pemberton, A.B.
Lecturer on Missions

HISTORICAL

The history of Willamette University is inseparably connected with the formative years which made Oregon and Washington American commonwealths. Its organizers established the first churches and schools of the Pacific Northwest, and secured the establishment of a provisional government for the pioneer community until the United States should extend its protection over it. The President of the University's first Board of Trustees was Jason Lee, whom Oregon has chosen for the honored place in the hall of fame at Washington. On February 1, 1842, a Board of Trustees was elected to establish an Academy which should become a University as soon as circumstances permitted. This is the date of Willamette University's founding, although the school did not open until August 7, 1844, with Mrs. Chloe Clark Wilson, as the first teacher. Classes met in the recently purchased three-story wooden building, doubtless the most pretentious on the Coast, which had been built originally by Jason Lee and his co-workers for the Indian mission school. When the school was closed by Lee's successor in 1844, the building was sold to the Trustees of the new school, then known as the Oregon Institute. The building stood on the present campus, and around it developed the town destined to grow into the capital city of Oregon.

To organize a school which purposed to become a University even before a civil government had been established and when the total population was under six thousand people in the entire Northwest required the exercise of large faith. Until the public school system was developed it offered grammar school subjects, as well as Academy studies, and did not discontinue this latter type of instruction until 1916, when the development of high schools made its work no longer necessary.

On January 12, 1853, about a month before Washington Territory was set aside from Oregon, Willamette was chartered by the Territorial Legislature as a University. In 1859, the University graduated the first student from its collegiate department. On July 24, 1864, the corner stone of Waller Hall was laid; and on October 21, 1867, the building was occupied, although not fully completed. In response to the need of the West for trained physicians, the University opened a medical college April 1, 1867, the only

professional school on the Coast. It was a part of the University until 1913, when it was merged with the medical department of the University of Oregon. In 1883, the College of Law was established, and continues as an active college of the University. In 1905, Science Hall was built, being known at first as the Medical Building. In 1906, the Kimball College of Theology was organized as a department of the University. A fine building was given by Mrs. Henry D. Kimball, the wife of the founder of the school. A year later the school was granted a separate administration, but continues in co-operation with Willamette.

Mr. W. W. Brown gave the Music Hall in 1907, and in December of the same year the three story recitation and administration building was received as a gift from the 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. In 1913, Willamette successfully closed its campaign for a half million dollar endowment fund. In November, 1919, the old Lausanne Hall was torn down to make way for a new dormitory, which was opened in September, 1920, one that is unexcelled in the West. December 17, 1919, Waller Hall suffered from the second fire in its history, which entirely destroyed the interior, but left the walls intact. Work of rebuilding started promptly and has resulted in making this oldest campus building into a modern and well adapted college hall. In May, 1921, Willamette again suffered from a disastrous fire, which destroyed the gymnasium. This is now being replaced by a new and commodious building, which is modern in every respect. On December 20, 1922, a forward movement was successfully completed for securing \$1,250,000 to be used for endowment, gymnasium and other betterments.

The pursuit of Willamette's ideal of responsiveness to the needs of its Northwestern field has caused it to concentrate its attention upon the Liberal Arts College, seeking high standards of scholarship and character rather than numbers. It is felt that such a college has a mission to perform in the education of Christian leaders for the West.

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 thou-

sands 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 20,000, is rich in historical associations, filled with beautiful homes, well-kept lawns and parks. The high standard of its schools, the large number of churches of various denominations and the several libraries contribute to form a citizenship of intelligence and morality. The city has all modern conveniences and necessities; such as improved streets, cement pavements, shade trees, electric lights, sewers and water system. 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

in lab

EATON HALL. This fine building, the gift of Hon. A. E. Eaton, of Union, Oregon, was erected in 1908. It is constructed of red pressed brick and gray stone and finished in Oregon fir. It is used for the offices of administration, Y. W. and Y. M. C. A. rooms, the woman's waiting room, the college book store, museum and class rooms. The building is electrically lighted and is thoroughly modern.

WALLER HALL. Waller Hall is the oldest building on the campus and is named for Rev. Alvin Waller, one of the devoted and sacrificing friends of the University. It was begun in 1864 and dedicated in 1867. Fire has partially destroyed it three times, but the massive walls retain their solidity unimpaired; the last fire occurred on December 17, 1919, and so damaged the building as to necessitate entire interior reconstruction. Externally it now is as it originally was, but it has been remodeled within. The ground floor contains the boiler by which the building is steam-heated, Collegian and Wallulah offices, and several class rooms. The first floor is given to the chapel with its pipe organ. The entire second floor is used for the library and reading room, the former having stack room for 30,000 volumes and the latter providing accommodations for 250 readers. In addition there are rooms for the librarian's office, magazines, seminar work, toilets, etc. The third floor is admirably furnished by several literary societies for their work.

SCIENCE HALL. Through the generosity of the *local* physicians, this three-story building of brick and stone was erected in 1895 and was the home of the Medical College until its removal to Portland. The ground floor is used by the department of physics; the first floor provides rooms for the home economics department and for drawing; and the two upper floors are devoted to the department of chemistry.

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, is provided with good pianos and thus far has served the needs of the department of music.

LAUSANNE HALL. The frame building so long used as a dormitory for young women was torn down in November, 1919, and work was immediately commenced on the present

large and modern brick and stone structure which was opened for use in September, 1920. On the ground floor there are the heating boilers, laundry, storage and living rooms. The main floor contains the dean's office, three parlors, a dining room that seats 130, kitchen, living rooms and a well equipped infirmary. The two upper floors are devoted to the living rooms of the young women. On each floor there are lavatories, shower and tub baths and linen rooms. Two sleeping porches each 124x17 feet are accessible to the upper floors. The living rooms are unusually large and each is provided with two closets, hot and cold running water and steam heat. ~~A circular with floor diagrams, prices and general information will be sent upon request.~~ All out-of-town women are required to live in the dormitory unless other arrangements are definitely approved by the dean of women.

GYMNASIUM. In May, 1921, the gymnasium was destroyed by fire. Plans for a modern three-story gymnasium have been prepared by Architect A. E. Doyle, of Portland, and the building is expected to be ready for use in September, 1923. It will be approximately 120x150 feet and contain locker rooms, showers, team rooms, handball courts, rooms for physical examination, remedial exercises, boxing, etc. The gymnasium floor will be 75x116, unobstructed by pillars or gallery. The building will be adapted for the use of both sexes.

GRANDSTAND AND ATHLETIC FIELD. Upon the campus is the athletic field with a grandstand, a quarter mile cinder track, baseball diamond and football gridiron. The field 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. Over 250,000 volumes are freely available to students in the following libraries: University library of 19,000 volumes, the library of Kimball School of Theology, 5000; the State library, 190,000; and the Supreme Court library, 36,000. The new city Carnegie library, adjacent to the campus on the west, contains about 17,000 volumes. Under the usual regulations students may take books from any of these libraries. The University library is open on school days from 7:30 a. m. to 9:30 p. m., and every facility

is afforded to make it serve the students. It welcomes contributions of books and manuscripts. The librarian will gladly suggest needed books. It has already received noteworthy collections and its shelves will accommodate others. Over one thousand volumes are added annually, and about one hundred 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 the 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 years' work. In addition to the ordinary apparatus in electricity, the laboratory has complete X-ray instruments, as well as those for wireless telegraphy, for the accurate quantitative measurement in electricity, mechanics, light, sound and heat. The University has a very excellent balopticon, used by the several departments of science.

PSYCHOLOGICAL LABORATORY. The equipment includes instruments for the measurement of reaction experiments in connection with the higher mental processes;

positive and negative after-images; localization of cutaneous sensations, etc.

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 of proper preparation to do college work. Students wishing to enter should write to the Registrar for (1) an entrance application blank and for (2) a credit blank, in order to insure the presentation of necessary information. These should be used in all cases and should be returned to the Registrar not later than September 1. Students from other colleges must present a transcript of credits and an honorable dismissal.

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 fourteen units. All entrance deficiencies must be made up the first year and before the student will be given more than Freshman rank.

In March, 1921, certain uniform requirements were recommended to the various institutions of higher learning in Oregon by the Committee from the Department of Higher Education of the State Teachers Association on Uniform Standards and Entrance Requirements, representing approximately all the colleges, universities and normal schools in the state. These requirements were adopted by all these institutions, including Willamette University, and are as follows:

(a) Entrance without deficiency to the colleges, universities and normal schools of Oregon should be contingent

upon presentation of at least ten units in English, mathematics, foreign languages (including Latin), laboratory science and history (including civics). It is left to the individual institutions to distribute these units according to their respective inclinations.

(b) The number of units in English should be three; and in these, emphasis should fall on syntax and composition of original character.

(c) The remaining five units may be taken in any subject regularly offered in the high school course of study in this state, such as agriculture, drawing, art, manual training, music, teacher training, domestic science and commerce subjects.

(d) It is recommended to high schools that students taking as much as five units outside the five departments mentioned in section (a) should take significant amounts of each subject to the end that the five units may not be merely a smattering of a number of these electives.

Willamette University prescribes the following further requirements:

(1) English.....	3 units
(2) Algebra	1 unit
(3) Plane Geometry.....	1 unit
(4) One foreign language.....	2 units
(5) History (including Civics).....	1 unit
(6) Laboratory Science.....	1 unit
(7) Additional from Subjects (1) to (6).....	1 unit
(8) Additional from Subjects (1) to (6) and from those indicated in (c) above.....	5 units

(9) No credits are granted for penmanship, spelling, military drill, physical training or any work which is largely a "student activity," such as glee club, school paper, etc.

(10) Two years of preparatory Latin and, after entrance, one year of College Latin are required of those who major in the Letters group. Students wishing to take Home Economics should have high school physics.

(11) The required entrance unit of laboratory science is preferably Biology (including Zoology, Chemistry or Physics, but with Physical Geography, Geology and General Science acceptable if taught with proper laboratory work. Agriculture and Domestic Science will not be accepted as satisfying this requirement.

X ADVANCED STANDING. Advanced standing may be secured by presenting certificates of work done in advance of the entrance requirements, or by an examination. Credits for high school work in advance of entrance requirements will be allowed in certain subjects but only by examination.

X 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 person must satisfy the Faculty that he is prepared to do with profit to himself the work proposed. Students of this class may not change their relation to that of candidates for the degree except by examination upon pre-supposed work, including 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 before the work is begun.

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. Candidates must pass a searching oral examination before the faculty not later than ten days before commencement.

7. After acceptance a typewritten copy of the thesis must be presented to the University library.

8. Candidates must be enrolled as graduate students and pay the regular fees in order to receive credit toward the degree.

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

I.	II.	III.
Letters	Social Science.	Natural Science.
English	Art History	Astronomy
French	Bible History	Biology
German	College Life	Chemistry
Greek	Domestic Art	Cookery
Latin	Economics	Demonstrations
Public Speaking	Education	Dietetics
Spanish	History	Geology
	Home Life	Household Sanitation
	Philosophy	Music
	Political Science	Mathematics
	Religion	Physics
	Sociology	
	Textiles	
	The Home	

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

1. All Freshmen are required to take English 1B and 2B (or 2A) or 1C and 2C; Bible 1 and 2; College Life 1; and Physical Education thruout the year. They must complete, so far as possible, all entrance deficiencies.

2. All Sophomores 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 at least twenty-two 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 Training.

7. At least thirty-eight hours of upper division work, all of which must be taken after the student obtains upper division standing.

8. All credits allowed from Law, Medicine, Theology, Normal School, Training School or other sources, not including secondary schools, and not strictly from a school of Liberal Arts are evaluated or 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 de-

partment 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.

9. If a student majors in mathematics, he must take eight hours Physics. If the major be in Chemistry, he must take ten hours Physics, six hours Biology, and four hours Trigonometry. If the major be in Physics he must take Mathematics through Calculus. Drawing, and ten hours Freshman Chemistry. If the major be in Biology, he must take eight hours College Physics and six or ten hours Freshman Chemistry. If the major be in Home Economics, he must take six or ten hours Freshman Chemistry, eight hours Organic Chemistry, three hours General Biology, two hours Physiology, and ten hours Physics, if no high school Physics is offered.

10 About half one's hours should be taken in the group of one's 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 Training. 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. 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 hrs. for each semester hr.
 A grade of P+ will earn 0 quality hrs. for each semester hr.
 A grade of S will earn 1 quality hr. for each semester hr.
 A grade of S+ will earn 2 quality hrs. for each semester hr.
 A grade of E will earn 3 quality hrs. for each semester hr.
 A grade of E+ will earn 3 quality hrs. for each semester hr.

In case there is a deficiency of quality hours, semester hours may be substituted for them at the rate of one semester hour for five quality hours.

The President and Dean shall, from time to time, compare the grades reported by the various professors and in-

structors and see that a uniform scale of marking is maintained.

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.

Character (L. I.)

major in letters
THE LETTERS COURSE is 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** is for those who are interested in public questions or who plan to engage in social service. *major in social science*
THE SCIENCE COURSE is adapted for those who expect to teach science or mathematics or to engage in technical pursuits.

FRESHMAN YEAR

Letters Course	Social Science Course	<i>Not</i> 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	Elective

SOPHOMORE YEAR

English	English	English
Foreign Language	Foreign Language	Foreign Language
Psychology	Psychology	Psychology
Natural Science	History	Natural Science
Elective	Elective	Elective
		Ethics

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		

major in letters
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 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.

SUGGESTED PRE-PROFESSIONAL OUTLINES

FRESHMAN YEAR

Pre-Law.	Pre-Journalism.	Pre-Engineering	Pre-Chemical Engineering.	Pre-Medical.	Pre-Ministry.
English Bible History Latin Chemistry Pub. Speaking History	English Bible History Foreign Lang. Nat. Science Pub. Speaking History	English Bible History Modern Lang. Chemistry Mathematics Drawing	English Bible History Modern Lang. Chemistry Mathematics Drawing	English Modern Lang. Bible History Chemistry Mathematics Biology	English Mathematics Latin, German or French History Science

SOPHOMORE YEAR

English Latin Psychology English Hist'y Elective	English Foreign Lang. Psychology News writing History Elective	English Modern Lang. Psychology Physics Mathematics Drawing	English Modern Lang. Psychology Physics Qual. Anal. Elective	English Modern Lang. Psychology Zoology Qual. Anal. Physics	English Greek Modern Lang. Philosophy Economics
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JUNIOR YEAR

Ethics Soc. & Econ. History Argument Elective	Ethics Soc. & Econ. History Short Story Foreign Lang. Elective	Ethics Soc. & Econ. History Mathematics Surveying Physics Elective	Ethics Soc. & Econ. Org. Chem. Geology Elective	Ethics Soc. & Econ. Physiology Org. Chem. Elective	Greek Psychology Philosophy History Econ. or Soc.
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SENIOR YEAR

Inter. Law Philosophy Elective	English Foreign Lang. Elective	Mathematics Drawing Elective	San. & Food Ind. Chem. Mineralogy Econ. Geol. Elective	Chem. 6 hr. Elective	Electives to depend on the major and minor and type of ministry proposed.
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The Freshman and Sophomore years in the Pre-Engineering courses include the work of the first two years given in the best technical colleges.

STANDARDIZATION. The College of Liberal Arts is approved as a standard college by the United States Bureau of Education, the University Senate of the Methodist Episcopal Church, and other accrediting agencies. 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, and 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 one to four hours' work in the College of Liberal Arts of the University with no charge other than a registration fee of \$2.00. The student body fee is to be paid if five or more hours are taken. Students of the University have a like courtesy extended to them by Kimball School. The libraries and lectures of both institutions are freely open to all students.

REGISTRATION. Each student has a member of the faculty assigned to him as his Adviser. Students are free to consult their Advisers at all times but they must consult them concerning their work at the opening of each semester. Registration for the first semester and consultation with the Advisers must be on Monday, Tuesday or Wednesday preceding the opening day. Instruction begins on Thursday morning. Students may be admitted to classes only after presentation of registration 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.

EXAMINATIONS. Examinations are held by the various instructors at the close of each semester and at such other times as they desire. Special examinations may be given to remove "Conditions," "Incompletes," unsatisfied entrance requirements, and to ~~secure advance credit on excess high school subjects~~. For a special examination a fee of \$2.00 is charged and for each additional examination during the same semester the fee is \$1.00; however, no fee is charged for entrance examinations, ~~or for advanced credit in excess high school work~~ during the first week of the college year. No special examination shall be given until after the in-

structor shall have received a receipt signed by the Business Secretary, or a faculty certificate of ~~excuse~~ *exemption*.

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 usually numbers ten per cent of the class. The second group includes those whose standing is satisfactory, marked "S" or "S+," and numbers about 50 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 becomes subject to the following rules for the removal of the "Condition."

1. A condition must be removed during the semester succeeding that in which it was made, otherwise it becomes a Failure. *next in residence*

2. 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. *course through the year*

3. Examinations for the removal of "Conditions" and "Incompletes" are subject to the fees of other special examinations.

4. 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. A subject marked "F" (Failure) must be repeated satisfactorily if the student wishes credit for it. *amended*

CLASS STANDING. Students will be classified as Freshmen until they have removed all entrance conditions and secured at least twenty-five hours of college credit; those having twenty-five, but less than fifty-six hours are known as Sophomores; those having fifty-six, but less than eighty-eight hours are known as Juniors, and those having eighty-eight hours or more are known as Seniors. *known class*

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-eighteenth of his appointment in any subject dismiss the students 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 withdraw from a course without the permission of the instructor and of the dean. *two weeks*

No student may change his course of study later than *ten* days after the opening of the semester, *without special action of faculty*

TIME NECESSARY FOR GRADUATION. The length of time for the student ~~presenting only the required number of units for admission and~~ taking the usual number of hours, fifteen or sixteen, each semester, and doing work of average quality, is four years. Students of exceptional ability may shorten the time, while others may choose to take five years, 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.

SENIOR EXAMINATION. Beginning with the class of 1926, all Seniors will be required to pass a searching and comprehensive examination covering the entire field of their major.

THE TEACHERS' BUREAU. This Bureau affords special advantages to students through the registration of their collegiate records and the use of ~~the same~~ *these* 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. ¹¹ A five-year state certificate may be renewed when the holder ^{thereof} has attended an institution of higher education for thirty-two consecutive weeks within six years from the date of issue of such certificate and when satisfactory work has been done in such institution in at least four subjects, one of which shall be education, which work shall be certified to by the president of such institution; provided, that any five-year state certificate, so renewed, may be again renewed in the same manner as the original certificate was renewed.¹¹

FEES

(To be paid at time of Registration). *Sentence*

Semester Bill, for 12 to 17 hours of College work.....	\$45.00
Semester Bill, for less than 12 and over 17 hours, per hour	4.00
Semester Bill, College of Law.....	45.00
Semester Bill, School of Music, according to subjects See page 82.	
Student Body Fee, per semester, 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, all laboratory courses.....	5.00
Physics 1, 2, 3, 4, 51, 52, 53 and 54.....	3.00
Mineralogy	2.00
Surveying	1.00
Home Economics 1, 2, 51, 54.....	5.00
Home Economics 10, 52.....	2.50
Home Economics 5, 6, 57, 58, 59, 60, 63, 64.....	1.00
Breakage ticket in Chemistry.....	5.00
Diploma	5.00
A second transcript of grades.....	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 6 per cent of his total Semester Bill for each week. Students who are dropped because of poor work or misconduct are not allowed any refund.

SCHOLARSHIPS. A scholarship may be applied toward paying the Semester Bill only in the College of Liberal Arts.

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

DESCRIPTION OF COURSES

Lower and Upper Division System

NOTE: The courses are arranged in Lower Division and Upper Division ~~courses~~. The Lower Division courses are primarily for Freshmen and Sophomores, ^{through} the Upper Division ~~courses~~ are primarily for Juniors and Seniors and are based on the Lower Division courses as prerequisites.

Lower Division courses are numbered from 1 to 50; Upper Division courses from 51 to 100, and the Graduate Division from 101.

Before ^{may} a student may take an Upper Division course, which ~~can~~ be counted as Upper Division work, he must have made up all entrance conditions and have passed in 52 Semester hours of Lower Division subjects. A Lower Division student, who takes Upper Division work, may count it only as Lower Division credit.

In order to graduate, a student must complete at least 52 Semester hours of Lower Division work during his Freshman and Sophomore years and at least 38 Semester hours of Upper Division work while he is an Upper Division student.

The remainder of the 120 Semester hours required for graduation, or 30 hours, may be taken in either Division. A Senior taking Lower Division courses, which have no prerequisites, ~~may~~ ^{shall} receive no more than half credit for the same.

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

51. GENERAL ASTRONOMY. Three hours a week, first semester. Historical and descriptive. Adapted to the needs of students with no previous knowledge of the subject. Text, lectures, evening observations of the stars and planets. A friendly citizen gives evenings with a five inch telescope. Prerequisite, Math. 1 and 2. (Not given in 1923-24.)

Bible History

1. THE NEW TESTAMENT. One hour a week, first semester. Origin, teaching and unity of the New Testa-

ment; interpretation, message and mission. (Required of all Freshmen.)

2. THE OLD TESTAMENT. **One hour a week, second 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.)

53. OLD TESTAMENT HISTORY. **Two hours a week, first semester.** See Religion 53.

60. NEW TESTAMENT HISTORY. **Two hours a week, second semester.** See Religion 60.

Biology

1. GENERAL BIOLOGY. **Three hours a week, first semester.** A survey of the general principles of plant and animal structure, physiology, etc.

2. GENERAL BOTANY. **Three 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. SYSTEMATIC BOTANY. **Two hours a week, second semester.** Principles of classification of seed-plants, with a brief study of local flora.

4 and 5. INVERTEBRATE ZOOLOGY. **Three hours 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.

6 and 7. VERTEBRATE ZOOLOGY. **Three hours 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.

8. HYGIENE. **Two hours a week, first semester.** A study of the principles of personal hygiene and their physiological basis.

9. **ELEMENTARY PHYSIOLOGY.** Two hours a week, second semester. A short course in the elements of human Physiology and Anatomy.

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

51 and 52. **PLANT MORPHOLOGY.** Three hours a week thruout the year. This work follows the natural order of classification. 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. Prerequisite: Course 2 or 3.

53. **THE THEORY OF ORGANIC EVOLUTION.** One hour a week, first semester. A brief examination of some of the leading facts on which the evolutionary hypothesis, so far as it applies to plants and animals, is based and a brief survey of some of the leading theories of the origin of species. Prerequisites: Courses 4 and 5, 6 and 7, or 51 and 52.

54 and 55. **HUMAN PHYSIOLOGY AND ANATOMY.** Three hours a week thruout the year. A study in some detail of 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. Text, lectures and laboratory. General Biology, Elementary Physiology, or one of the courses in Zoology is prerequisite to this.

56. **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. Prerequisite: 10 hours in Biology.

Chemistry

1 and 2. **GENERAL ADVANCED INORGANIC CHEMISTRY.** Five hours a week thruout the year. Lectures, recitations and laboratory work. The fundamental facts and principles of the science. Lectures, and recitations either upon the lectures or upon subjects assigned in the textbook. 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 \$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 complex mixtures and in compounds. A laboratory fee of \$5.00 per semester is required. Prerequisite: Courses 1 and 2.

51 and 52. **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.

53 and 54. **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. Prerequisite: Courses 3 and 4.

57 and 58. **ADVANCED ANALYTICAL CHEMISTRY.** Laboratory practice in gravimetric, volumetric and electroanalysis. 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 51 and 52. Time and hours to be arranged. Fees dependent on hours and type of work.

61 and 62. **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: Courses 1 and 2. (Not given in 1923-24.)

63 and 64. **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 51 and 52, 61 and 62. (Not given in 1923-24.)

67 and 68. 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 61 and 62. Time and hours to be arranged.

71. METHODS. One hour a week, first 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 observations 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 for a breakage ticket. Loss by damage or destruction of apparatus will be deducted from the ticket and the balance refunded at the close of the year.

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 intellectual ideals, athletics and recreation, general reading, community life of the college. (Required of Freshmen.)

Economics and Sociology

The work offered in these departments forms a single unit and is arranged in such a manner as to lead a student to major in either Economics, Political Science or Sociology. A major consists of a total of twenty-four semester hours

of work, eleven hours of which must be in the particular field in which the student is majoring, i. e. Economics, Political Science or Sociology. Course 1 and 2 is accepted as applying to the twenty-four hours, but not to the eleven hours of specialized study.

The means of instruction in all courses in this department are lectures, assigned text-book and collateral readings, reports, discussions, and written tests.

1 and 2. CIVILIZATION. Three hours a week thruout the year. This course aims to give the student a general introduction to the study of civilization. Beginning with the rise of man, it traces the development of the human race, the rise of the races, their chief characteristics, their dispersion, the appearance of language, the development of customs and institutions. The five representative early civilizations are then reviewed in their historic wholeness and following this a study is made of the chief features of the economic, political, and social life of today. This course supplies a general foundation for the more specialized study in economics, political science and sociology. It should be taken in the Freshman year, if possible, and not later than the Sophomore year by all who expect to major in the department. Two hours given to lecture, one hour to reports and discussions. Prerequisite to all courses in the department.

Economics

11 and 12. ELEMENTARY PRINCIPLES OF ECONOMICS. Three hours a week thruout the year. This course aims to provide the indispensable foundation to the more specialized study in Economics and to give to such students as are not expecting to devote more than one year to the study of Economics an understanding of the Economic structure of society and of politico-economic problems which every educated person is now expected to have. It is also adapted to meet the needs of students who expect to teach Economics and Civics or intend to go into Business Administration. Prerequisite or conjunctive: Courses 1 and 2.

13. ECONOMIC HISTORY OF THE UNITED STATES. Three hours a week, second semester. A study of the economic development of the United States from early Colonial times to 1920, development of agriculture, commerce and industry, the westward movement, the growth of the

city, the tariff, transportation. Prerequisite: Economics 1 and 2. (Not given in 1923-24.)

61. MODERN INDUSTRIAL RELATIONS. **Three hours a week, first semester.** The purpose of this course is to acquaint the student with the basic facts and conditions of modern industrial society. Subjects such as the labor movement, hours and conditions of labor, standards of living, wages, income, child and woman labor, and unemployment are discussed. Emphasis is placed also upon the agencies and methods for the constructive readjustment of industrial relations. Practical problems of business administration are also touched upon. Prerequisite: Course 13.

63. MONEY AND BANKING. **Three hours a week, first semester.** A study of the history and function of money, credit and banking methods, followed by an examination of the banking systems of Great Britain, Germany, France, Canada and the United States. Prerequisite: Course 13. (Not given in 1923-24.)

64. PUBLIC FINANCE. **Three hours a week, second semester.** A study of the financial administration, expenditure and indebtedness of federal, state and local governments; discussion of credit and budgetary methods. Prerequisite: Course 63. (Not given in 1923-24.)

Sociology

21 and 22. PRINCIPLES OF SOCIOLOGY. **Three hours a week thruout the year.** An introduction to the study of the origin, evolution, organization, processes, products, and control of society. The latter part of the course is devoted to a study of concrete problems regarding the family, the birth rate and death rate, standards of living, the negro, the immigrant. Prerequisite to all courses in Sociology and should be taken not later than Sophomore year. Prerequisite or conjunctive: Courses 1 and 2.

71. THE CONTROL OF POVERTY. **Three hours a week, first semester.** A study of the extent, the causes, and remedial measures in regard to poverty, the dependent, and the defective classes in modern social life, methods of care and of institutional and out-door relief. Prerequisite: Sociology 21 and 22. (Not given in 1923-24.)

72. SOCIAL WORK. **Three hours a week, second semester.** A study of the history, principles and methods of modern social work. The history of charity and philanthropy, settlement, church, case-work and other forms of

social work are studied. This course is specially designed to meet the needs of those intending to take up social work. Prerequisite: Sociology 21 and 22. To those who have taken Courses 1 and 2 by special permission.

74. IMMIGRATION AND THE IMMIGRANT. Two hours a week, second semester. A general consideration of immigration to the United States from Colonial times to the present, followed by a study of each immigrant group, with special reference to race heritages and cultural backgrounds. Prerequisite: Courses 1 and 2.

75. RURAL SOCIOLOGY. Two hours a week, first semester. The problems of country and village life with references to local needs and general welfare. Prerequisite: Course 21 and 22. See Religion 85.

77 and 78. SPECIAL SOCIAL PROBLEMS. Two hours a week thruout the year. A course in research, aiming to develop the initiative of the student, to give him practice in original research and investigation, and to afford him an opportunity to study intensively any one problem in which he is particularly interested. Especially designed for seniors and graduate students. Assigned and independent research reports, conferences and thesis. Prerequisite: 7 hours in Sociology.

Education

1. THE HISTORY OF EDUCATION TO 1750. Three hours a week, first semester. The development of educational practice and organization will be studied against the background of political and social conditions which determined it. Prerequisite: Sophomore standing.

2. NATIONALISM AND EDUCATION. Three hours a week, second semester. A study of education under modern industrial, social and political conditions. Prerequisite: Sophomore standing.

3. PRINCIPLES OF EDUCATION. Three 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 theory of recapitulation. Text books, lectures and discussions. (Not given in 1923-24.)

4. EDUCATIONAL PSYCHOLOGY. **Three 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-books, lectures and discussions. (Not given in 1923-24.)

57. SECONDARY EDUCATION. **Three hours a week, first semester.** The place of the high school in American education and the adaptation of its curriculum to new demands. Open to Juniors and Seniors only.

58. HIGH SCHOOL TEACHING. **Three hours a week, second semester.** A practical course for those who are planning to teach. Open to Juniors and Seniors only.

59. EDUCATIONAL MEASUREMENTS. **Two hours a week, first semester.** The course includes a survey of the commoner tests, a study of the theory involved and of the use of tests in school work. Prerequisite: Eight semester hours credit in the department.

61. MENTAL LEVELS AND SCHOOL WORK. **Two hours a week, first semester.** A survey of group and individual tests; a study of school conditions revealed by the use of tests and of the means employed to adapt school work to these conditions. Prerequisite: Eight semester hours credit in the department.

62. PROBLEMS IN EDUCATIONAL MEASUREMENTS. **Two hours a week, second semester.** A more advanced course in educational measurements for the work for the year 1923-4 will be in problems connected with silent reading. Prerequisite: Course 59 or Course 61.

64. OBSERVATION OF TEACHING. **One hour a week, second semester.** The work of each week will include a conference hour and an observation period in the Salem schools. Prerequisite or conjunctive: Course 58.

65. CURRENT TENDENCIES IN EDUCATION. **Two hours a week, first semester.** A study of recent developments in school practice such as project teaching, the Dalton plan and the platoon system. Prerequisite: Ten semester hours credit in the department.

66. EDUCATIONAL SOCIOLOGY. **Three hours a week, second semester.** Education as an agency of social progress in theory and in its practical aspects. (Not given in 1923-24.)

67. SCHOOL ADMINISTRATION. **Three hours a week, second semester.** A study of school organization and administration. Much use will be made of school survey reports. Prerequisite: Twelve semester hours' credit in the department.

English

Rhetoric

CLASSIFICATION. All candidates for Freshman entrance will be required to take a classifying examination, the purpose of which is to determine whether they are prepared to take Freshman Composition, and, if they are so prepared, to determine which groups they should enter.

Candidates will be admitted to the classifying examination only upon presentation of a card signed by the Registrar. The examination will be conducted in the rooms on the Second Floor of Eaton Hall from 2:30 until 4:30, Monday, September 17.

The classifying examination will test the candidate's knowledge of spelling, punctuation, the use of words, the structure of sentences, and the general principles of grammar, and also will test his ability to think constructively on a simple subject. Definite questions will be submitted in grammar and sentence structure. A candidate should know the parts of speech and such elements of the English sentence as the subject, the predicate, the principal clause, the subordinate clause, and the difference between a clause and a phrase. For the development of thought, subjects will be given for the writing of compositions. The candidate will choose one of these subjects and will write a composition of 400 words.

Those candidates who pass the examination will be assigned to groups of Freshman Composition according to their rank. Those who fail will be assigned to group 1D.

At any time a student whose work is unsatisfactory may be required to register in a group below that in which he began; and any student who, in the judgment of the instructor, is prepared to do work in a higher group, may be advanced to that group. A student who is conditioned in English 1 will be required to register for English 2 in a group below that in which he incurred the condition.

At the beginning of the second semester, if there is sufficient reason, a section of 1B will be formed to receive

from group 1D those students who are prepared to do work of Freshman grade.

Students will be required to attend regular conferences with their instructors, for consultation regarding their work.

1D and 2D. SUB-FRESHMAN COMPOSITION. **Three hours a week thruout the year.** A study of English grammar. Special attention to spelling, punctuation, and the correct sentence. No credit is given for this Course.

1B and 2B. FRESHMAN COMPOSITION. **Three hours a week thruout the year.** A general course in composition based upon a study of the principles of rhetoric in the English sentence, the paragraph, and the whole composition. Drill in punctuation, spelling, and sentence structure, together with the writing of compositions. The writing of the precis will be given special attention. Exposition, the first semester; argumentation, description and narration, the second semester. Occasional practice in oral composition. Prescribed readings and conferences with the instructor.

1C and 2C. FRESHMAN COMPOSITION. **Four hours a week, first semester; according to the needs of the class, second semester.** (Six hours' credit for the year.) One hour each semester, without credit, will be given to the study of grammar, with special attention to spelling, punctuation, and the structure of the English sentence.

1A and 2A. FRESHMAN COMPOSITION. **Three hours a week thruout the year.** A course for students who, in the judgment of the department, are benefited by being grouped together. In general this course corresponds with 1B and 2B, but may be varied to suit the needs of the class.

3 and 4. SOPHOMORE RHETORIC. **Two hours a week thruout the year.** Expository and descriptive writing. Special attention given to the use of words and the development of thought, and to proportion, movement and force. A study of representative essays in text-books and magazines. Long and short themes. Prerequisite: Freshman Composition.

51. ADVANCED COMPOSITION. **Two hours a week, first semester.** A course in writing, with special attention to the organization of long themes, theses and books. Primarily for students who have had Sophomore Rhetoric, but students who have had only Freshman Composition will be admitted if they can satisfy the instructor that they can

do satisfactory work. The department reserves the right to withhold this course in 1923-24.

52. ADVANCED COMPOSITION. Two hours a week, second semester. A combined course in writing and literature. A study of the English familiar essay, beginning with Montaigne in translation and including Bacon, Steele, Addison, Johnson, Goldsmith, Lamb, Hazlitt, Stevenson, and others. Prerequisite: Freshman Composition with a grade of S, or Sophomore Rhetoric. Not open to students who had English 4 during the years 1920-23, inclusive.

Journalism

53 and 54. 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 problems of reporting. THE WILLAMETTE COLLEGIAN and the SALEM daily papers give opportunity for practical newspaper work. Prerequisite: A grade of at least S+ in Freshman Composition.

55 and 56. 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. Prerequisite: A grade of at least S+ in Freshman Composition.

Language and Literature

11 and 12. THE HISTORY AND SURVEY OF ENGLISH LITERATURE. Three hours a week thruout the year. A study of the development in England of the principal types of literature: the epic, the ballad, the metrical tale, the lyric, the drama, the novel, the short story, and the essay. Required readings are assigned for special study for the purpose of giving to the student an early acquaintance with these types and with the styles of the best authors. Prerequisite: Freshman Composition.

63 and 64. 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 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 11 and 12.

65. CONTEMPORARY BRITISH LITERATURE. **Two hours a week, first semester.** Modern drama in England and Ireland. Gilbert, Grundy, Wilde, Jones, Pinero, Synge, Yeats, Barrie, Shaw, and others. Prerequisites: Courses 11 and 12.

66. CONTEMPORARY BRITISH LITERATURE. **Two hours a week, second semester.** Present day writers in prose and verse. Hardy, Kipling, Wells, Bennett, Conrad, Masfield, Gibson, Yeats, Beerbohm, and others. Prerequisites: Courses 11 and 12.

71. 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. For Juniors and Seniors. Prerequisites: Courses 11 and 12.

72. SIXTEENTH CENTURY POETRY. **Two hours a week, first semester.** Readings in the Elizabethan lyric poets—Wyatt, Surrey, Gascoigne, Spencer, Sidney, Drayton, and others. Prerequisites: Courses 11 and 12. (Not given in 1923-24.)

73. SEVENTEENTH CENTURY POETRY. **Two hours a week, second semester.** Readings in Donne, Waller, Denham, Suckling, Lovelace, Carew, Herbert, Vaughan, Cowley, and others. Prerequisite: Course 72. (Not given in 1923-24.)

74. 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 11 and 12.

75. NINETEENTH CENTURY POETRY. **Three hours a week, second semester.** Tennyson, Browning, Mrs. Browning, Arnold, Clough, Rossetti, Morris and Swinburne. Prerequisites: Courses 11 and 12.

81. 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, and in England to the time of Shakespeare. Extensive reading in the Elizabethan drama. Prerequisites: Courses 11 and 12.

82. SHAKESPEARE. Three hours a week, second semester. A critical study of Shakespeare's plays and poems. The class reads Shakespeare's entire works, but will study intensively one of the comedies, one of the histories, and one of the tragedies. Special emphasis is placed upon the composition, sources, verse forms, interpretation, and value of each play. Prerequisite: Course 81.

91. THE HISTORY OF ENGLISH PROSE FROM WYCLIFFE TO DEFOE. Three hours a week, first semester. A study of the development of English prose styles, with extensive readings in the chronicles, controversial pamphlets, sermons, essays, romances, and biographies of the Tudor and Stuart reigns, and of the prose masters of the later seventeenth century. Special study will be devoted to Bacon, Hooker, Dryden, Milton, Bunyan, Fuller, and Walton. Prerequisites: Courses 11 and 12.

92. THE HISTORY OF ENGLISH PROSE FROM DEFOE TO COLERIDGE. Three hours a week, first semester. A study of the prose masters of the eighteenth century. Readings in Defoe, Swift, Addison, Johnson, Gibbon, Goldsmith, and others. Prerequisites: Courses 11 and 12. (Not given in 1923-24.)

93. THE HISTORY OF ENGLISH PROSE FROM COLERIDGE TO THE PRESENT. Three hours a week, second semester. Readings in Coleridge, Lamb, Hazlitt, Macaulay, De Quincey, Carlyle, Ruskin, Pater, Stevenson, and others. Prerequisites: Courses 11 and 12. (Not given in 1923-24.)

96. THE ENGLISH NOVEL. Three hours a week, second semester. Studies in Greek, Latin, and mediaeval English romance, Elizabethan prose fiction, and the modern novel. Special attention is devoted to the novels of Defoe, Richardson, Fielding, Austin, Scott, Dickens, Thackeray, Eliot, the Brontes, Stevenson, Meredith, Hardy, Moore, and Conrad. Prerequisites: Courses 11 and 12.

100. METHODS OF TEACHING ENGLISH. One hour a week, first semester. The purpose of this course is to present the best methods and aims of teaching composition and literature in the high school. Work in theme reading and lesson preparation, as well as observation of actual teaching of the subject, make the course a most practical one. Primarily for Seniors who expect to teach English. Prerequisite: Credit for ten semester hours in English above Freshman grade. (Not given in 1923-24.)

French

1 and 2. **ELEMENTARY COURSE.** **Four hours a week thruout the year.** Fundamentals of the language. Grammar. Sight reading. Easy prose. Memory work. Dictation. Conversation.

3. **INTERMEDIATE COURSE.** **Three hours a week, first semester.** Composition. Sight reading. Selections from Daudet, Halevy, or writers of the same grade, read and discussed. A number of poems to be read and memorized. Dictation. Conversation. Prerequisites: Courses 1 and 2.

4. **INTERMEDIATE COURSE CONTINUED.** **Three hours a week, second semester.** Composition of a more advanced character. Papers on material studied or other given subjects. Selections from modern writers, both prose and poetry. Memory work. Dictation. Conversation. Prerequisite: Course 3.

51 and 52. **ADVANCED COURSE.** **Three hours a week thruout the year.** Reading from Hugo, Musset, or other writers of their rank. Study of one or more classic or modern dramas. The best known of La Fontain's fables or other poetry read and partly memorized. Composition of a more difficult character. Ample conversation. Current newspapers may be read. Prerequisite: Course 4.

53 and 54. **SPECIAL LITERARY COURSE.** **Two hours a week thruout the year.** Should be taken by all students majoring in French and is recommended to those wishing to add to their knowledge. If conditions justify, it may be taken in connection with courses 51 and 52. As far as practicable French will be the language of the class room. Frequent themes based on material read or other given subjects. Prerequisite: Course 52.

Geology

51 and 52. **GENERAL GEOLOGY.** **Three hours a week thruout the year.** An elementary survey of dynamic structural physiographic, and historic 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. Prerequisite: Two years of College Science. For Juniors and Seniors.

53. 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: Chemistry 1 and 2, Geology 51 and 53. A laboratory fee of \$2.00 is required.

54. 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: Chemistry 1 and 2. Geology 51, 52 and 53.

German

1 and 2. ELEMENTARY COURSE. **Four hours a week thruout the year.** Grammar. Exercises in pronunciation. Easy short stories. Memory work. Dictation. Colloquial exercises.

3. REVIEW OF SYNTAX. **Three hours a week, first semester.** Prose and poetry. Composition based on works read. Dictation. Conversation. Prerequisites: Courses 1 and 2.

4. REVIEW OF SYNTAX CONTINUED. **Three hours a week, second semester.** Selections from Modern or Ancient writers. Drill in idioms. Prerequisite: Course 3.

Greek

The aim in this department is to give the student an adequate working knowledge of Greek that he may read, with profit and appreciation, representative authors of Greek poetry, history, oratory, and philosophy, and be able to understand and to interpret their message to the Modern World.

1 and 2. **BEGINNING GREEK.** Four hours a week throughout the year. A study of the declensions and conjugations, the principles of syntax, and vocabulary. Anabasis of Xenophon, books I and II.

3 and 4. **XENOPHON AND HOMER.** Three hours a week throughout the year. Anabasis, books III and IV. Prose composition and Homer's Iliad, books I, II, III and VI. Prerequisites: Courses 1 and 2.

51. **HOMER CONTINUED.** Three hours a week, first semester. Odyssey. Selections from Books I to XII. Greek mythology and the Homeric world. Prerequisites: Courses 3 and 4.

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

53 and 54. **STUDIES IN THE GREEK DRAMA.** Three hours a week throughout the year. Aeschylus, Sophocles, Euripides, and Aristophanes. One drama of each will be read in the original; others will be read in the translations. Verall's Greek Tragedy. Prerequisites: Courses 51 and 52. (Not given in 1923-24.)

55. **ATTIC ORATORS.** Two hours a week, first semester. Selected speeches from Lysias and Demosthenes. Prerequisites: Courses 51 and 52. (Not given in 1923-24.)

56. **HERODOTUS AND THUCYDIDES.** Two hours a week, second semester. Selections from Books VI, VII and VIII of Herodotus and from Books I, II and III of Thucydides. Prerequisites: Courses 51 and 52. (Not given in 1923-24.)

History

General History

1. **OUTLINE OF WORLD HISTORY.** Three hours a week, first semester. A survey of the outstanding developments of civilization from pre-historic times to the French Revolution, furnishing the background for Course 2, which deals with modern European developments and their relation to American affairs. These two courses are intended for two classes of students: First, those who expect to devote considerable time to historical study and need the perspective for the more specialized courses. Second, students whose major interests are in other departments and need such selected materials as will give them a good gen-

eral historical view. Not open to students who have had the History of Greece, Rome, or Medieval Europe, as given by this department in former years.

2. OUTLINE OF WORLD HISTORY. Three hours a week, second semester. Continuation of Course 1, but new students are admitted. Beginning with the French Revolution and continuing to the present time. Not open to students who have had Modern European History as given by this department in former years.

51. METHODS OF HISTORY TEACHING. One hour a week, second semester. A critical study of the objectives and methods of history teaching in secondary schools. Prerequisite: Ten semester hours of history. (Not given in 1923-24.)

European History

11. MEDIEVAL ENGLISH HISTORY. 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.

12. MODERN ENGLISH HISTORY. Four hours a week, second semester. Continuation of Course 11, but new students are admitted. From the reign of Elizabeth to the present time.

61. THE FRENCH REVOLUTION. Two hours a week, first 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. Prerequisite: Course 2 or 12.

62. THE NAPOLEONIC ERA. Two hours a week, second semester. Continuation of Course 61, but new students are admitted. Prerequisite: Course 2 or 12.

63. HISTORY OF THE NINETEENTH CENTURY. Two hours a week, first semester. The struggles for democracy. The rise of Italy and Germany. The Industrial Revolution. Prerequisite: Course 2 or 12. (Not given in 1923-24.)

64. CONTEMPORARY EUROPEAN HISTORY. Two hours a week, second semester. Careful consideration is given to the underlying causes and results of the Great War and the problems of post-war reconstruction. Prerequisite: Course 2 or 12. (Not given in 1923-24.)

65. THE RENAISSANCE AND PROTESTANT REVOLUTION. Two hours a week, first semester. A study of the

forces and conditions which have given character to the modern age. The development of nationalism, individualism, intellectual and religious freedom, and their effects upon the course of history. Prerequisite: Course 1 or 11.

66. DEVELOPMENT OF THE BRITISH EMPIRE. **Two hours a week, second semester.** A survey of the growth of the British Empire from the first days of overseas settlements to the present time. The evolution of Canada, Australia, South Africa and other powers constituting the British Commonwealth of nations. The bearing of this development upon world problems of today. Prerequisite: Course 12.

American History

21. AMERICAN HISTORY TO 1815. **Three hours a week, first semester.** A study of the social, economic, and political development of the Colonies and States to the period of developed nationalism. Prerequisite: Course 2 or 12.

22. AMERICAN HISTORY, 1815-1923. **Three hours a week, second semester.** Continuation of Course 21, but new students are admitted. The conditions leading to the Civil War, the problems of reconstruction, and the development of the United States into a leading world power. Prerequisite: Course 2 or 12.

71. HISTORY OF THE AMERICAN CONSTITUTION. **Two hours a week, first semester.** The formation of the American Union and the history of its constitutional and political development with a view to understanding our government as it exists today. Prerequisite: Courses 21 and 22. (Not given in 1923-24.)

72. CONTEMPORARY AMERICAN HISTORY. **Two hours a week, second semester.** A detailed consideration of recent developments in American social, political and economic life, with special emphasis upon the new world position of the United States. Extensive readings in current periodicals with studies in evaluating contemporary events. Prerequisite: Course 22. (Not given in 1923-24.)

73. INFLUENCE OF THE WESTERN FRONTIER IN AMERICAN HISTORY. **Two hours a week, first semester.** A study of the economic and social effects of pioneer conditions and their bearing upon American history, institutions, and ideals. Prerequisite: Courses 21 and 22.

74. RECONSTRUCTION PERIOD OF AMERICAN HISTORY. **Two hours a week, second semester.** A critical

study of the reconstruction problems which resulted from the Civil War and their special bearing upon national unity. The problems of the Ku Klux Klan, the freedman, and the "solid" South are given special consideration. Prerequisite: Course 22.

75. HISTORY OF OLD OREGON. Two hours a week, first semester. The history of the Pacific Northwest, the conditions of its settlement, the British and American influences, and those of the fur traders, missionaries, and independent pioneers. Prerequisite: Course 22.

76. ADVANCED OREGON HISTORY. Two hours a week, second semester. A consideration of some of the critical problems of Northwestern history. A comparison of the views of various schools of Western historians with the object of applying principles of historical criticism and evaluating source materials. Illustrative material is drawn largely from the Mission period of Oregon history. Lectures and assigned readings. Prerequisite: Course 75.

77 and 78. OREGON RESEARCH. One to three hours a week thruout the year. Limited to advanced students who are qualified to do special research work. Individual assignments, source reading and estimating, and the gathering of material through personal interviews. Prerequisite: Course 76.

Church History

91 and 92. CHURCH HISTORY. Two hours a week thruout the year. The rise and development of the Christian Church from the Apostolic Age to the Reformation. See Religion 71 and 72. Prerequisite: History 1.

93 and 94. CHURCH HISTORY. Two hours a week thruout the year. From the Reformation to the present time. See Religion 73 and 74. Prerequisite: History 1 and 2.

Home Economics

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

1 and 2. COOKERY AND FOODS. Three hours a week, thruout the year. A scientific study of the production, composition and functions of foods; food preservation; selection and care of foods in the home; practical application of the processes of cookery; planning and serving typical meals; excursions to markets and factories. Prerequisite: Chemistry 1 and 2.

3. GENERAL BIOLOGY. Three hours a week, first semester. (See Biology 1.)

4. ELEMENTARY PHYSIOLOGY. Two hours a week, second semester. (See Biology 9.)

5 and 6. DOMESTIC ART I. Two hours a week throughout 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.

7 and 8. HOME LIFE. One hour a week throughout the year. Conduct and management of a home and family; manners and social observances; study of typical homes; woman's civic responsibilities.

10. MILLINERY. Two hours a week, second semester. A study of the basic principles in millinery with application in construction of various types of hats. Includes a survey of designers, millinery manufacturers and importers.

61. ORGANIC CHEMISTRY. Description of course under "Chemistry."

51. ADVANCED COOKERY. Three hours a week, first semester. Advanced study of foods in their relation to individuals, families and occupational groups. Principles presented in Courses 1 and 2 elaborated, and the more complicated processes in cookery practiced with view toward application in serving meals to large and small groups of people; marketing; food budgets. Prerequisite: Courses 1 and 2. (Not given in 1923-24.)

52. DIETETICS. Three hours a week, second semester. The chemical, physiological and economic factors of normal diets; abnormal diets; dietary standards. Prerequisite: Organic Chemistry. (Not given in 1923-24.)

54. DEMONSTRATIONS. One hour a week, second semester. Study and practice of demonstrating the preparation of foods, with lectures and illustrative material concerning foods dealt with. Individual demonstrations by members of class. Prerequisite: Courses 1, 2, and 51. (Course 51 may be conjunctive.)

56. METHODS AND PRACTICE IN TEACHING COOKERY. Two hours a week, second semester. Study of methods of teaching cookery in both elementary and secondary schools, with special emphasis upon presentation of courses in secondary schools; planning courses for both elementary and secondary schools; lesson plans; planning and estimat-

ing cost of equipment; observation in the public schools. Prerequisite: Courses 1, 2, 51, 54.

57 and 58. DOMESTIC ART II. **Two hours a week thruout the year.** An advanced study of the hygienic, economic and artistic aspects of clothing; application of the more skilled processes in sewing to the construction of silk and wool garments; infants' and children's clothing; art and design in relation to dress. Prerequisite: Courses 5 and 6.

59 and 60. 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. Prerequisite: Chemistry 1 and 2.

61. METHODS AND PRACTICES IN TEACHING SEWING. **Two hours a week, first semester.** History of the Home Economics Movement; study of methods of teaching sewing in elementary and secondary schools; planning courses of study, making lesson plans, and estimating cost of equipment for a sewing laboratory. Observation in the public schools. Prerequisite: Courses 5, 6, 57, 58. (Courses 57 and 58 may be taken conjunctive.)

63 and 64. THE HOME. **Two hours a week thruout the year.** Location, architecture and construction of houses; landscaping; furnishings, decoration and administration. Prerequisite: Sophomore standing.

Note.—Since the work in the Home Economics Department is divided between the Natural Science and the Social Science groups, students majoring in Home Economics may transfer enough Home Economics credits from one group to the other to satisfy the group system requirement of fifty hours in one group.

Latin

The aim in this department is to teach the student the art of reading Latin in order that he may become familiar with Roman life and civilization and appreciate their influence upon the world of today. In the endeavor to attain this end his powers of observation and of reasoning are developed, his aesthetic nature is quickened, and the whole mental and spiritual life is enriched.

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

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

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

1 and 2. CICERO. **Three hours a week thruout the year.** Orations and letters. Prerequisite: Courses A and B.

3 and 4. VIRGIL. **Three hours a week thruout the year.** Six books of Vergil's Aeneid.

5. CICERO. **Three hours a week, first semester.** De Senectute and Tusculan Disputations, book I. Studies in Roman Philosophy. Prerequisite: Courses 1 and 2 or 3 and 4. (Not given in 1923-24.)

6. LIVY. **Three hours a week, second semester.** Book XXI and part of books XXII, or selections from books I, XXI and XXII. (Not given in 1923-24.)

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

8. PLAUTUS AND TERENCE. **Three hours a week, second semester.** Captivi of Plautus and the Andia of Terence. Special study of the rise and development of comedy. Prerequisite: Courses 3 and 4 or 5 and 6.

51 and 52. 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, and several short plays. Prerequisite: Courses 5 and 6 or 7 and 8.

53 and 54. TEACHERS, COURSE. **Two hours a week thruout the year.** Lectures, reports, and study of Methods of instructions in preparatory Latin. Examination of textbooks. Prerequisite: Courses 5 and 6 or 7 and 8. (Not given in 1923-24.)

55. HORACE AND JUVENAL. **Two hours a week, first semester.** Critical study of the Satires and Epistles of Horace with reference to the social life of the times. Selected Satires of Juvenal. Prerequisite: Courses 51 and 52 or 53 and 54.

56. MARTIAL, TACITUS AND PLINY. **Two hours a week, second semester.** Selected epigrams of Martial, illustrating Roman life under the early Empire. The Agricola of Tacitus and selected letters of Pliny. Prerequisites: Courses 51 and 52 or 53 and 54.

Library

1. LIBRARY METHODS. One hour a week for a semester. An elementary course in the use of books and libraries and in library method and reference work for the general student and for prospective teachers and library assistants. One class period a week and two periods for reading and work in the library.

Mathematics

A major must include Courses 3, 4, 51, 52, 53, 54, 55, 56. Courses 1 and 2 do not count toward a major. Major students in Mathematics must take College Physics one year.

1. COLLEGE ALGEBRA. Three hours a week, first semester. A short review of elementary Algebra, a thorough treatment of quadratics, the simpler series, and an introduction to higher equations.

2. SOLID GEOMETRY. Three hours a week, second semester. Special emphasis on numerical and practical exercises.

3. PLANE TRIGONOMETRY. Four hours a week, first semester. A complete course in triangles, logarithms, equations and identities, with practical applications.

4. ANALYTIC GEOMETRY. Four hours a week, second semester. Straight line, circle, parabola, ellipse, hyperbola, and a few higher curves. Prerequisite: Course 3.

6. PLANE SURVEYING. Three hours of practice and one lecture hour a week, second semester. Transit, level, plane table, problems. Prerequisite: Course 3. Two hours' credit.

7. METHODS IN MATHEMATICS. One hour a week, first semester. Lectures, readings, discussions, plans.

51. DIFFERENTIAL CALCULUS. Three hours a week, first semester. Prerequisite: Course 3.

52. INTEGRAL CALCULUS. Three hours a week, second semester. Prerequisite: Course 51. Courses 51 and 52 are broad foundations for all subsequent study of mathematics and advanced work in science.

53. MECHANICS. Three hours a week, first semester. Motion, energy, work, friction, forces. In two and three dimensional space. Prerequisite: Courses 3, 4, 51, 52. (Not given in 1923-24.)

54. HIGHER GEOMETRY. Three hours a week, second semester. Some modern concepts of Algebraic Geometry.

Given for first time in 1922-23. Prerequisites: Courses 3, 4, 51, 52. (Not given in 1923-24.)

55. ADVANCED CALCULUS. Three hours a week, first semester. Hyperbolic functions, elliptic functions, probabilities, certain advanced series and other higher subjects. Prerequisites: Courses 51, 52.

56. DIFFERENTIAL EQUATION. Three hours a week, second semester. Ordinary and partial differential equations. Essential in advanced engineering and mechanical study. Prerequisites: Courses 3, 4, 51, 52.

Mechanical Drawing

1 and 2. DRAWING. Two 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. Lettering, tracing and blue-printing.

3 and 4. DESCRIPTIVE GEOMETRY. Two hours a week thruout the year. Basic principles of drawing, problems on point, line and plane; curved surfaces, sections, intersections; shades, shadows, and perspective. One hour a week is given to recitations and lectures; the balance of time is spent at the drawing board. Prerequisite: Courses 1 and 2 and Solid Geometry.

5 and 6. ARCHITECTURAL DRAWING. Presentation of problems in Architectural Drawing. Studies in plan, elevation and section. Construction by descriptive Geometry of shades and shadows found in Architectural rendering. The theory of Architectural perspective. The fundamentals of free hand drawing and free-hand perspective. Prerequisite: Courses 1 and 2 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 and Psychology

Note.—The aim of Philosophy is the organization of human experience. The following courses in Psychology and Philosophy find concrete application in the principles and science of Education. The various courses in Educa-

tion find their fuller meaning and unity in Philosophy. Courses in Principles of Education and Educational Psychology from the Department of Education may count toward a major in Philosophy and Psychology.

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 the mental phenomena. The more important facts of mental life—association, memory, attention, perception, and volition—will be emphasized. Some interesting class experiments will be performed. Text-books, lectures, and discussions.

3 and 4. EXPERIMENTAL PSYCHOLOGY. Two hours a week throuth the year. Students electing this course will be expected to perform a limited number of experiments in connection with the more interesting of the elementary thot processes. The systematic exploration of the mental phenomena has three aims in view: first, to develop a lasting interest in mental analysis; second, an assistance to introspection; third, accuracy in mental examination. One period each week will be devoted to regular class work. Frerequisite: Courses 1 and 2.

5. HUMAN MOTIVES. Two hours a week, first semester. A non-technical study of human motives, especially designed for Freshmen and Sophomores. Some attempt will be made to give a brief view of the processes of human nature, from man's inborn instincts and needs to their fulfillment in the deliberate activities in religion, art, science, and morals. In a true sense this course may be considered an introduction to present-day civilization. There are no prerequisites. Text-book, lectures and discussions.

6. THE NORMAL AND SUBNORMAL MIND. Two hours a week, second semester. Two purposes are involved in the study of the normal and subnormal mind. The concrete presentation of the essential facts of normal consciousness will be the first aim. The modern interpretation of various subnormal and supernormal phenomena in the light of the typical human mind will be the second aim. There are no prerequisites to this course. This practical study might well serve as an introduction to Ab-

normal Psychology. Open to Freshmen and Sophomores. Text-book, lectures and discussions.

51. **THE MORAL CONSCIOUSNESS.** **Three hours a week, first semester.** This study purposes to trace the genesis of the moral consciousness in the individual. The contributions of Biology, Psychology, Sociology, and Philosophy to the moral self will be duly emphasized. An endeavor will be made to construct a new and concrete picture of the moral consciousness. Lectures and assigned readings. Prerequisite: Courses 1 and 2.

52. **THE GROUP MIND.** **Three hours a week, second semester.** A special study of Social Psychology. This course will consider the group mind from two points of view. First, the formulation and application of the principles (imitation, normal and abnormal suggestion), which govern psychological groups, such as crowds, mobs, etc. Second, the formulation and application of the psychological principles, which tend to explain the so-called mind, will, spirit and sentiment of the relatively permanent and highly organized groups, such as the modern European nations. This study is designed to meet the needs of students interested in Psychology, Sociology, and Anthropology. Text-books, discussions and investigations. Prerequisite: Courses 1 and 2.

53. **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. Prerequisite: Courses 1 and 2.

54. **HISTORY OF MODERN PHILOSOPHY.** **Three hours a week, second semester.** A review of the development of modern philosophic thought, from its beginning in the sixteenth 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. Prerequisite: Courses 1 and 2.

55. **ABNORMAL PSYCHOLOGY.** **Three hours a week, first semester.** Primarily for Juniors and Seniors. An analysis of abnormal mental phenomena. A concrete inter-

pretation of the terms conscious, coconscious, subconscious, and unconscious, and their dynamic relations to one another. An endeavor will be made to explain these terms in the light of their modern representatives, as Freud, Jung, Adler, Prince, Coriat, Sidis, Ferenczi, Janet, and others. The causation and treatment of the various forms of neurosis and psychosis (double personality, obsessions, delusions, conflicts, complexes, phobias, etc.) should be of practical value to all earnest students who expect to pursue the following professions: Law, Medicine, and the Ministry. Some constructive interpretation will be offered in the field of Education, Art, and Literature. Text-books, discussions and observations. Prerequisite: Courses 1 and 2. (Not given in 1923-24.)

56. ELEMENTS 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. Prerequisite: Courses 1 and 2. (Not given in 1923-24.)

101. PRESENT PHILOSOPHICAL TENDENCIES. Two hours a week, first semester. The chief aim of this course is to give due attention to present philosophical tendencies. The discussions 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.

102. PRESENT CONFLICT OF IDEALS. Two hours a week, second semester. This course is a logical sequel to Present Philosophical Tendencies, and is open only to Graduate Students.

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.

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 semester hours' credit is required in physical training

toward graduation. Special work will be assigned to students physically unfit for regular courses in physical training.

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

1. 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 hour credit in physical training.

2. 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 hour credit in physical training.

3. 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 hour credit.

4. ATHLETIC COACHING. **Two hours a week, first semester.** A special course in coaching designed to prepare students for positions as coaches of athletic teams in football and basketball.

5. ATHLETIC COACHING. **Two hours a week, second semester.** Continuation of Course 4, but new students are admitted. Particular attention is given to the principles of coaching baseball and track.

Physics

1 and 2. ELEMENTARY PHYSICS. **Five hours a week thruout the year.** Prerequisite for all courses in the De-

partment of Physics: Four recitations and one laboratory period per week.

3. GENERAL PHYSICS. Five hours a week, first semester. This course will include recitations, demonstrations, lectures, solution of problems, and laboratory work in Mechanics, Sound and Heat. Four recitations and one laboratory period per week. Prerequisites: Courses 1 and 2. (Primarily for Sophomores.)

4. GENERAL PHYSICS. Five hours a week, second semester. Continuation of Course 3, following the same methods and taking up the study of Magnetism, Electricity and Light. Four recitations and one laboratory period a week. Prerequisite: Courses 1, 2, and 3. (Primarily for Sophomores.) This course is required of all Physics majors and of all pre-medical students.

51 and 52. ADVANCED ELECTRICITY AND MAGNETISM. Three hours a week thruout the year. An advanced study of practical Electricity and Magnetism. Lectures, recitations and laboratory work. Detailed consideration is given to the laws of the electric and magnetic circuit, the principles of the A. C. circuit, Vector diagrams, the transformer, motors, generators, and finally a radio communication. Prerequisite: Courses 3 and 4 and Calculus.

53 and 54. THEORY OF LIGHT. Three hours a week thruout the year. History and development of the modern Theory of Light, as it is applied to explain the nature and source of light. Prerequisite: Courses 3 and 4 and Calculus.

Political Science

A major in this department consists of 22 semester hours of work. Courses 1 and 2 in the Economics-Sociology Department is a general prerequisite to the work of this department.

1 and 2. INTRODUCTION TO AMERICAN GOVERNMENT. Two hours a week thruout the year. A study of the organization and actual workings of the American governmental system; general discussion of the theories of the nature and the origin of the state; the sphere of the departments of the federal, state, and local governments; congressional government; the influence of political parties. Special emphasis is placed on modern political problems. This course is especially adapted to those who intend to teach Civics and Government in high schools. Prerequis-

ite to all courses in Political Science and should be taken not later than Sophomore year. Prerequisite or conjunctive: Economics 1 and 2.

51 and 52. **COMPARATIVE GOVERNMENTS. Three hours a week thruout the year.** A study of the forms of governments and contemporary political problems of modern states. Special attention is given to Great Britain, France, Italy, Germany, and Japan. The latter part of the study is devoted to problems of municipal governments both in these countries and in the United States. Prerequisite: Courses 1 and 2 or Course in Introduction to Political Science previously offered.

53. **STATE AND LOCAL GOVERNMENTS. Three hours a week, first semester.** A study of the governments of the states of the United States. Brief survey of the newer problems connected with state governments such as the budget, taxation, regulation of business, labor legislation, protection of health, education, etc. Popular control of governments is also studied, especially the initiative, the referendum, the recall, and the short ballot. Prerequisite: Courses 1 and 2 or Introduction to Political Science previously offered.

54. **MUNICIPAL GOVERNMENT. Three hours a week, second semester.** A study of the organization, administration, and chief functions of city governments, especially in the United States. Special attention is given to the problems of the relation of the city to the state, forms of charters, home rule, new forms of city government, administration of finance, police, health and charity organizations, etc. Prerequisite: Course 53.

55. **INTERNATIONAL RELATIONS. Two hours a week, first semester.** A general introduction to world politics, including a discussion of the elements of international law, international relations in the past, American diplomacy, movements and agencies to organize the nations, the League of Nations, etc. Prerequisite: Courses 51 and 52.

56. **POLITICAL PARTIES. Two hours a week, second semester.** A study of the origin, functions, and development of political parties in the various countries, and more especially in the United States. The importance of political parties in democracy; the nominating systems; elections; patronage; proportional representation; party bosses and party machinery, etc. Prerequisite: Courses 51 and 52.

Public Speaking

1. PRINCIPLES OF EXPRESSION. **Three hours a week, first semester.** Vocal training, breathing, tone placing, modulation, rhythm, flexibility, pantomime; studies in emotion, classwork in scenes and criticism.

2. PRINCIPLES OF EXPRESSION. **Three hours a week, second semester.** Continuation of Course 1. Prerequisite: Course 1.

3. INTERPRETATION. **Two hours a week, first semester.** An interpretative study of selections from the classics, the Bible and hymns, story telling, pantomime, after-dinner speeches, dramatic and epic. Every student is required to prepare and deliver an original production. Prerequisite: Course 2.

4. INTERPRETATION. **Two hours a week, second semester.** Continuation of Course 3. Prerequisite: Course 3.

51. ADVANCED PUBLIC SPEAKING. **Three hours a week, first semester.** Technical training in the composition and delivery of original speeches. Prerequisite: Course 2.

52. ADVANCED PUBLIC SPEAKING. **Three hours a week, second semester.** Continuation of Course 51. Prerequisite: Course 51.

53. ORATORY. **One hour a week, first semester.** Study of the construction and styles of orations, their delivery; the preparation and delivery of original selected orations. Prerequisite: Course 2.

54. ORATORY. **One hour a week, second semester.** Continuation of Course 53. Prerequisite: Course 53.

55. DEBATE AND EXTEMPORANEOUS SPEAKING. **Two hours a week, first semester.** Practical application of the principles of organization. Delivery, voice development and presentation of public debates. Credit may be allowed for intercollegiate debate. Prerequisite: Course 2.

56. DEBATE AND EXTEMPORANEOUS SPEAKING. **Two hours a week, second semester.** Continuation of Course 55. Prerequisite: Course 55.

57. DRAMATIC INTERPRETATION. **Two hours a week, first semester.** Dramatic technique, principles of construction, writing one-act plays, scenarios and pageants. Presentation of modern and classic drama. Study of the plays by Browning, Shakespeare, Ibsen, and others. Half-hour lectures by Senior students. Prerequisite: Course 2.

58. **DRAMATIC INTERPRETATION. Two hours a week, second semester.** Continuation of Course 57. Prerequisite: Course 57.

59. **METHODS. Two hours a week, first semester.** A teachers' course in the methods of teaching public speaking and for the teachers of English, who will coach plays, debates and orations in high schools and colleges. Prerequisite: Courses 2 and 3, and the major subject in Public Speaking.

60. **METHODS. Two hours a week, second semester.** Continuation of Course 59. Prerequisite: Course 59.

Religion

The following courses are selected from the regular three years curriculum of the Kimball School of Theology and may be taken for credit in the University to the extent of thirty hours. For the attention of University students contemplating work in Kimball School of Theology, courses, a detailed description of which is to be found in the Kimball catalog, are offered in beginning and advanced Hebrew and Greek, Missions, Evangelism, Epworth League Methods and several Biblical, Historical and Theological subjects. The asterisk following the number of a course indicates that the course thus marked may count toward a major in Religion. Other courses will not be accepted toward a major in Religion but will be accepted for credit otherwise. A regular student in the University may take four hours work each semester in Kimball School of Theology without the payment of extra tuition. The semester registration fee of two dollars is required.

Old Testament

51* (K 1). **THE CHRISTIAN VIEW OF THE OLD TESTAMENT. Two hours a week, first semester.** General introduction to the Old Testament; fundamental conceptions of its development and use; consideration of the data of scientific investigation, literary study, and historical research in relation to the function of the Old Testament in ancient and modern life. Prerequisite: Bible History 2.

52* (K 2). **THE LITERATURE OF THE OLD TESTAMENT. Two hours a week, second semester.** A course designed to familiarize the student with the content of the Old Testament. Emphasis is laid upon the rise of the literature as the product of religious activity in specific citations.

The messages of the books to their environments are stressed. Prerequisite: Bible History 2.

53* (K. 3). THE HISTORY OF THE HEBREW AND JEWISH PEOPLE. **Two hours a week, first semester.** The social, political and religious history of the Hebrew and Jewish people to the time of Hadrian. Emphasis upon contemporary history is made, with reference to extra Biblical courses. Scientific historical method is carefully applied. Prerequisite: Bible History 2.

55* (K 4). THE PROPHETIC MOVEMENT AND ITS LITERATURE. **Two hours a week, first semester.** A study of the prophetic movement with detailed interpretation of selected passages of the literature. Careful attention is given to methods of interpretation. Prerequisites: Courses 51 and 52. (In 1923-24 open to Juniors and Seniors.)

56 (K 5). THE HISTORICAL BOOKS OF THE OLD TESTAMENT. **Two hours a week, second semester.** Study of the Former Prophets and the work of the Chronicler. Effort is made to understand the religious treatment of history in the Old Testament, the place of the Old Testament leaders, and the teachings of the historical books. Prerequisite: Courses 51 and 52. (In 1923-24 open to Juniors and Seniors.)

57* (K 6). THE DEVOTIONAL AND WISDOM LITERATURE. **Two hours a week, first semester.** Reading with detailed interpretation of selected portions of the Psalter and the books of Jewish wisdom. Attempt is made to understand the spirit of devotion and the Jewish approximation of philosophy. Prerequisite: Courses 51 and 52. (Not given in 1923-24.)

58 (K 7). THE LEGAL PORTIONS OF THE OLD TESTAMENT. **Two hours a week, second semester.** The rise of priestly and legalistic tendencies in Hebrew and Jewish religion, especially in later Judaism; the characteristics and particular conceptions of legalistic religion. Prerequisite: Courses 51 and 52. (Not given in 1923-24.)

New Testament

60* (K 1). NEW TESTAMENT HISTORY. **Two hours a week, second semester.** This course follows Old Testament History. A constructive study of the life of Jesus, the Geography of Palestine, the missionary activities of St. Paul and the other Apostles, and the founding of Christianity. Text-book, lectures and collateral reading.

61* (K 2). THE TEACHINGS OF JESUS. Two hours a week, first semester. Repeated second semester. A careful, practical, constructive study of the ethical and religious teachings of Jesus. Text-book, lectures and collateral reading. Prerequisite: Bible History 1. Open to Freshmen in the second semester who have earned a grade of "S" in Bible History 1 during the first semester.

62* (K 3). THE BEGINNINGS OF CHRISTIANITY. Two hours a week, second semester. What the Apostles taught, how and where they worked, how the Church was founded and what were the essentials of Christianity during the Apostolic period. Prerequisite: Course 60 or 61.

63* (K 4). NEW TESTAMENT LITERATURE. Two hours a week, first semester. A constructive study of the sources, objects and harmony of the Synoptic Gospels. An outline life of Jesus is prepared by the student. Prerequisite: Bible History 1.

64 (K 5). NEW TESTAMENT LITERATURE. Two hours a week, second semester. A close study of the Acts of the Apostles, bringing out the qualities of the chief characters and the relations of the events described to the spread of Christianity and the establishment of the Christian Church. Prerequisite: Bible History 1.

65 (K 6). NEW TESTAMENT LITERATURE. Two hours a week, first semester. The Pauline Epistles are studied in the order of their production with the object of finding the important religious and ethical teachings of the great Apostle, his method of presentation of truth and the relation of these Epistles to other Christian literature. Prerequisite: Course 61, 62 or 63.

66 (K 7). NEW TESTAMENT. Two hours a week, second semester. An interpretation of the Epistle to the Hebrews and of the General Epistles of Peter and James. Prerequisite: Course 61, 62 or 63.

67, 68 (K 8). NEW TESTAMENT. Two hours a week thruout the year. The Johannine literature. An interpretation of the Gospel and Epistles and Revelation of St. John. Texts, lectures and collateral reading. Prerequisite: Freshman Bible.

Historical and Systematic Theology

71*, 72* (K 1). CHURCH HISTORY I. Two hours a week thruout the year. From the Apostolic Age to the Reformation. The founding of the Christian Church, the struggle between ecclesiastical and civil authority, the

Christianizing of the barbarian invaders. Prerequisite: History 1.

73*, 74* (K 2). CHURCH HISTORY II. **Two hours a week thruout the year.** From the Reformation to the present time. The struggle of Protestantism for existence, the founding of modern churches, the development of present day Christian life. Prerequisite: History 1 and 2 and Religion 71 and 72.

75* (K 5). CHRISTIAN EVIDENCES. **Two hours a week, first semester.** The answer to such questions as: Is the Bible believable? Is the Christian faith rational? Have modern attacks undermined Christianity? Prerequisite or conjunctive Philosophy 53 or 54.

76* (K 6). THEISM. **Two hours a week, second semester.** The investigation of the philosophical basis for a belief in a supreme being, and the reasons for believing that being to be personal. Prerequisite: Philosophy 53, 54.

77* (K 7). HISTORY OF SOCIAL CHRISTIANITY. **Two hours a week, first semester.** A study of the influence of Christianity upon social progress thruout the Christian centuries. Prerequisite: History 1 and 2.

78* (K 3). COMPARATIVE RELIGIONS. **Two hours a week, second semester.** A survey of the various non-Biblical systems of religion and of their relation to Christianity. Prerequisite: History 1 and 2.

Religious Education and Rural Leadership

81* (K 1). RELIGIOUS EDUCATION. **Two hours a week, first semester.** The methods of teaching religion, considering the age groupings and the materials available for such instruction. Policies and programs of religious education will be carefully considered. Prerequisite or conjunctive: Bible History 1 and 2.

82* (K 2). RELIGIOUS EDUCATION. **Two hours a week, second semester.** A study of the church school from the standpoint of organization and administration for creditable results. Plans for community organization for an adequate program of religious education will receive full consideration. Prerequisite: Course 81.

83* and 84* (K 3). PSYCHOLOGY OF RELIGION. **Two hours a week thruout the year.** An inductive study of religious experience in childhood, adolescence, and maturity. The evidence of a divine agency in religious phenomena. Prerequisite: Psychology.

85* (K 4). RURAL SOCIOLOGY. **Two hours a week, first semester.** An analysis of the rural community and the various backgrounds of rural life. Brief comparative studies in European and American life with intensive study of typical regions of American rural life. Prerequisite: Sociology 21 and 23. (Not given in 1923-24.)

Sociology

See Sociology courses under Economics and Sociology.

Spanish

1 and 2. ELEMENTARY COURSE. **Four hours a week thruout the year.** Grammar. Easy prose. Pronunciation. Verb drill. Dictation. Conversation.

3 and 4. INTERMEDIATE COURSE. **Three hours a week thruout the year.** Grammar review. Composition based on material read. Drill in common idioms. Books such as "A Trip Through South America," "Lecturas Faciles," etc., read and discussed. Dictation and conversation. Prerequisite: Course 1 and 2.

51. ADVANCED COURSE. **Three hours a week, first semester.** Prose and poetry. Representative modern writers. Composition based on material studied. Ample conversation. Prerequisite: Course 4.

52. ADVANCED COURSE. **Three hours a week, second semester.** Continuation of Course 51. Newspaper reading. Frequent papers. Prerequisite: Course 51.

Y. M. C. A. Service

1. HISTORY AND PHILOSOPHY OF THE ASSOCIATION MOVEMENT. **Two hours a week, first semester.** The economic, social and religious history prior to the organization. Practice work at the Salem Y. M. C. A. Open to Sophomores and Juniors.

51 and 52. PRINCIPLES AND METHODS. **Two hours a week thruout the year.** A study of the principles, policies and methods of all departments of association work. Special lectures by departmental leaders from Portland and Salem. Spring vacation trip visiting the associations from Salem to Seattle. Practice work required. Open to Seniors only. Prerequisite: Course 1.

Note.—Students who expect to enter Association Work should take the following college subjects: Bible, Biology, Physiology, Anatomy and Hygiene, Economics, Church History, Athletic Coaching, Psychology, Ethics, Public Speaking and Sociology.

COLLEGE OF LAW

Calendar

1923

September 17-19—Registration and Entrance Examinations.

September 20—Instruction begins.

November 29-December 3—Thanksgiving vacation.

December 3—Second term begins.

December 21—Christmas vacation begins.

1924

January 3—Christmas vacation ends.

February 1—Third term begins.

April 1—Fourth term begins.

June 8—Baccalaureate Sunday.

June 11—Commencement Day.

The three years course of study of the College of Law of Willamette University covers all the branches of the law and is designed to give the student a general foundation and knowledge of fundamental principles and fit him for the active practice of the profession. Students are required to have completed high school and at least one year of standard college work for admission to the Law College. In September 1925, two years of college work will be prerequisite.

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 forty 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 briefs 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 the regular tuition rates per hour.** The social advantages of membership in the University are well worth attention. The moral and religious influences of the institution are especially good.

FIRST YEAR COURSES

BLACKSTONE'S COMMENTARIES.....	Mr. White
Six hours first term.	
CONTRACTS.....	To be assigned
Anson on Contracts. Second and Third terms, two hours.	
AGENCY.....	Mr. Smith
Tiffany on Agency. Third term, two hours.	
PERSONAL PROPERTY.....	Mr. Smith
Tiffany on Sales. Fourth term, two hours.	
CRIMINAL LAW and PROCEDURE.....	Mr. Page
Hughes on Criminal Law. Second term, two hours.	
DOMESTIC RELATIONS.....	Mr. Small
Peck on Domestic Relations. Second term, two hours.	
TORTS.....	Mr. Small
Cooley on Torts. Third and Fourth terms, two hours.	
BAILMENTS and CARRIERS.....	Mr. Small
Dobie on Bailments and Carriers. Fourth term, 2 hours.	

SECOND YEAR COURSES

REAL PROPERTY.....	Mr. Moore
Burdick—Text and Cases on Real Property. First, Second and Third terms, two hours.	
EVIDENCE.....	Mr. Shields
Hughes on Evidence. First and Second terms, two hours.	
EQUITY.....	Mr. Glover
Eaton on Equity. Third and Fourth terms, two hours.	
BILLS, and NOTES.....	Mr. Keyes
Tiedeman on Bills and Notes. First and Second terms, two hours.	
PARTNERSHIP.....	Mr. Page
Shumaker on Partnership. Third term, two hours.	
PRIVATE CORPORATIONS.....	Mr. Page
Clark on Corporations. Fourth term, two hours.	

THIRD YEAR COURSES

PLEADING and PROBATE.....	Mr. Shields
Phillips on Pleadings and Probate. Third and Fourth terms, three hours.	
CONSTITUTIONAL LAW.....	Mr. Smith
Evans Cases on Constitutional Law. First and Second terms, two hours.	

OREGON LAWS.....Mr. Inman

Two hours thruout the year.

FEDERAL COURT PRACTICE and BANKRUPTCY....

.....Mr. Bayne

Long on Federal Courts. Bays on Bankruptcy. First and Second terms, two hours.

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, and who have completed one year of college work, are admitted without examination. In 1925 the requirement will be high school graduation and two years of college work.

Course of Instruction

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

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

For additional information and special Law College Bulletin, address Willamette University, Salem, Oregon, or Ray L. Smith, Secretary, 303 Bank of Commerce Bldg., Salem, Oregon.

SCHOOL OF MUSIC

The University has long recognized the educational value of music and its influence for the betterment of humanity. It 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 realize that their work may be pursued with great 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.

GLEE CLUBS. The University maintains a glee club for men and a glee club for women. These clubs give concerts in Salem and vicinity and in towns and cities of the adjacent states. Students are eligible to membership in an excellent choir.

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.

All students may receive credit toward the A. B. degree for the courses in Harmony, History of Music, Theory and Applied Music. Those majoring in Music must complete at least twenty-two semester hours in said subjects, besides the

courses in Sight-Singing and Ear Training. At least sixteen of these twenty-two hours must be made in the theoretical subjects and six in Applied Music. Not more than twenty-eight semester hours may be counted toward the A.B. degree.

The following courses are offered:

1. Professional, with credits toward the A.B. degree in the College of Liberal Arts.
2. Diploma, leading to a Diploma, without degree.
3. Public School, leading to a Certificate in Public School Music.

OUTLINE OF COURSES

Professional

1 and 2. SIGHT-READING AND EAR TRAINING. **Two hours a week thruout the year.** All students desiring credit for any music work are required to take this course. The fundamentals of music are taught, including scale-building, intervals, rhythms, etc. Extensive practice in Sight-Singing is given, and pupils are taught to write in correct notation musical phrases, intervals and chords which are played to them.

3 and 4. SIGHT-READING AND EAR TRAINING. **Two hours a week thruout the year.** Continuation of Course 2. More difficult melodies and four-part harmony are taken from dictation. Text-book used Alchin's Tone Thinking, Ear Testing. Prerequisite: Course 1 and 2.

5. HARMONY. **Two hours a week, first semester.** Terminology, major and minor scales, intervals, triads, seventh chords, and their inversions. Prerequisite: Course 1 and 2, or its equivalent.

6. HARMONY. **Two hours a week, second semester.** Continuation of Course 5. Cadences, harmonizing melodies with dominant and tonic, melody writing, analysis, transposition, the leading tone chord and by-tones. Great emphasis is laid upon key-board work and the development of the ear. Prerequisite: Course 5.

7. HARMONY. **Two hours a week, first semester.** Continuation of Course 6. Harmonic analysis, key-board work, ear training and the harmonization of melodies are continued, introducing the following chords: Sub-dominant, supertonic, sub-mediand and mediand.

8. HARMONY. Two hours a week, second semester. Continuation of Course 7.

51. HARMONY. Two hours a week, first semester. Continuation of the work of Course 8, introducing chromatic chords, modulation, modern scales and harmonization, etc. Prerequisite: Course 8.

52. HARMONY. Two hours a week, second semester. Continuation of Course 51. Prerequisite: Course 51.

9. HISTORY AND APPRECIATION OF MUSIC. Two hours a week, first semester. A course of lectures together with supplementary research work, dealing with the evolution of music, the development of the opera, the orchestra, vocal and instrumental music.

10. HISTORY AND APPRECIATION OF MUSIC. Two hours a week, second semester. The lives and works of the composers. Prerequisite: Course 9.

21. THEORY OF MUSIC. Two hours a week, first semester. This course includes acoustics, the orchestra and its instruments, and intensive study of notation and musical embellishments.

22. THEORY OF MUSIC. Two hours a week, second semester. Musical form. The suite, the sonata, vocal and contrapuntal forms are studied. Schumann Op. 68, Mozart's Sonatas, Mendelssohn's Songs without Words, Bach's Inventions and Fugues are analyzed. Prerequisite: Course 21.

31 and 32. PUBLIC SCHOOL MUSIC METHODS. Two hours a week thruout the year. A study of the various methods of teaching music in the public schools.

33 and 34. NORMAL TRAINING. Two hours a week thruout the year. No credit is given for this course which is recommended to all piano students and required of those who are candidates for a Diploma in Music. Children between ages of seven and twelve, who have never studied music, are enrolled in the children's classes of this course and are taught twice a 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. The books used are the New England Conservatory Course, Grades I and II.

41 and 42. **ENSEMBLE.** One hour a week thruout the year. Arranged in classes of four each. These classes will study and perform the Overtures and Symphonies of Haydn, Mozart, Beethoven, Weber and selected four and eight hand arrangements of the works of various composers. No credit is given for this course which is, however, required of all students majoring in Piano, and of those taking Courses 13 and 14, unless excused by the instructor.

APPLIED MUSIC. One hour (two half-hour lessons) a week thruout the course. Voice, Piano or Organ. Two hours practice a day is required. No credit toward the A.B. degree is given for this work unless justified by the nature of the compositions studied and the character of the work done, and unless approved by a majority vote of the music department instructors.

To receive credit in Piano or Organ toward an A.B. degree, the student must have completed the New England Conservatory Course Grade II or its equivalent. The following works are among those which are studied in the Piano course:

New England Conservatory Course Grade III; Bach, Two and Three Part Inventions; Haydn, Sonatas; Mendelssohn, Songs without Words; Cramer, Fifty Selected Studies; Mozart, Sonatas and Concertos; Czerny, op. 740; Clementi, Gradus ad Parnassum; Beethoven, Sonatas and Concertos; Bach, Well Tempered Clavichord; selections from the works of Schubert, Schumann, Chopin, Brahms, Greig, Liszt, MacDowell, and the modern school.

To receive credit in Voice toward an A.B. degree, the student must have completed a very systematic study of deep breathing, together with the formation of pure vowel sounds and consonants, and have had a wide and varied study of scales and vocalises. Moreover, while taking voice work for credit he must be a regular attendant at Chorus and Choir.

To receive Upper Division credit in Applied Music, a student must have satisfied the other requirements and have taken lessons in the School of Music for two years, with two lessons a week for at least one year.

The following are some of the works to be completed: Songs of Schubert, Schumann, Brahms, Jensen, Greig, Bemberg, Massanet, and certain American composers; Arias from the operas of Handel, Verdi, Massanet, Cadman, etc.

Diploma Course

Freshman Year

PIANO OR VOICE. Two lessons a week for the year.
SIGHT READING AND EAR TRAINING. Two lessons a week for the year.

HARMONY. Two lessons a week for the year.

ENGLISH. College course.

PUBLIC SPEAKING. College course.

PHYSICAL TRAINING. College Course.

CHOIR AND CHORAL WORK. For the year.

PRACTICE. Two to three hours daily for the year.

Appearance on programs and attendance at recitals.

Sophomore Year

PIANO OR VOICE. Two lessons a week for the year.
SIGHT READING AND EAR TRAINING. Two hours a week for the year.

HARMONY. Two hours a week for the year.

HISTORY OF MUSIC. Two hours a week for the year.

FOREIGN LANGUAGE. College course.

PHYSICAL TRAINING. College course.

PRACTICE. Three to four hours a day for the year.

Appearance on programs and attendance at recitals.

Junior Year

PIANO OR VOICE. Two lessons a week for the year.
ADVANCED HARMONY. Two hours a week for the year.
THEORY OF MUSIC. Two hours a week for the year.
Appreciation of Music combined with this course.

FOREIGN LANGUAGE. College course.

PRACTICE. Two to three hours a day thruout the year.

Appearance on programs and attendance at recitals.

Senior Year

PIANO OR VOICE. Two lessons a week for the year.
COUNTERPOINT. Two hours a week for the year.
NORMAL TRAINING. Two hours a week for the year.
MUSICAL FORM. Two hours a week for the year.
PRACTICE. Two or three hours a day for the year.
ENSEMBLE. One hour a week thruout the year.
Voice students must take two lessons in Voice and one in Piano.

Appearance on programs and attendance at recitals.

Any student desiring to enter the Junior or Senior year of this course must pass an examination in the requirements outlined for the preceding year. Those who have not the required preparation must take the work of the preceding year.

Any student desiring the diploma in Piano is required to teach one year in the Normal Training Department. (Two hours a week).

Fees

Piano and Voice

Professors Hobson and Launer

Private lessons, two each week, per semester.....	\$50.00
Private lessons, one each week, per semester.....	27.00
Private lessons, less than a semester, per lesson.....	1.75
(Lessons given by Assistants are 20 per cent less.)	

Pipe Organ

Professor Roberts

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 one subject each week, per semester.....	\$10.00
Sight Reading, two lessons each week, per semester..	5.00

Glee Clubs and Choruses

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 protracted 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, Prof. E. W. Hobson, Salem, Oregon.

GENERAL INFORMATION

RELIGIOUS LIFE. The University was founded, and is maintained, by those who believe that education should include Christian culture. It seeks to develop scholarship and, at the same time, to promote high Christian character. A daily chapel service is held in Waller Hall at which all students are required to be present, and persons not fully approving this requirement are requested not to matriculate. The students have Christian Associations for both sexes, a Mission Study class, several Bible Study classes, an Association of Student Volunteers, and many of them are active in the work of the local churches. The interest of the professors in the personal life of the students and in the various Christian organizations is directed toward securing proper individual self-government. The influence of the University 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 University reserves the right to dismiss, at any time, a student who is not in sympathy with the ideals and methods of the institution.

SELF SUPPORT. The lack of money alone need not prevent young persons of energy and persistence from obtain-

ing a college education. Many earn money during leisure hours and vacations; and some of the best graduates have thus put themselves through the University. 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 a strain. *financial*

Board and Room

LAUSANNE HALL. This large and modern building is completed and affords superior accommodations for one hundred and twenty-five women. A descriptive circular giving diagram, price and other information will be sent on application. All out-of-town women are required to live in Lausanne unless the Dean of Women approves another arrangement.

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

Gifts of the Year

The outstanding financial achievement of the year was the completion of the forward movement on December 20, 1922, resulting in cash and pledges totalling \$1,250,000. Of this sum the General Education Board pledges \$350,000, Hon. R. A. Booth, of Eugene, \$100,000, and Mrs. E. S. Collins, of Portland, \$100,000. Over five thousand friends of Christian education are participating in this great enterprise.

The Class of '22 presented a graduating gift to the University of a handsome brick and cement entrance to Waller Hall; and the Class of '26 is presenting a huge boulder with bronze plate to indicate the site of the first building upon the campus.

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.

support and scholarships

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.

HOME SCHOLARSHIPS. The Oregon Children's Aid Society has made the University the trustee to administer a fund of approximately \$8,000, the interest from which is to be used in educating orphans and half-orphans of the State of Oregon who are students of the College of Liberal Arts in Willamette University, and who maintain a standard of scholarship that is above the average. These scholarships amount to \$100 each.

HIGH SCHOOL SCHOLARSHIPS. The University in connection with the other Independent Colleges of Oregon, offers a Freshman Scholarship to a certain number of the standard high schools of Oregon. For full information, write to the Dean of the University.

RHODES SCHOLARSHIPS. Students of the University are eligible to the scholarship established by Cecil Rhodes granting three years' residence in study at the University of Oxford, England. Two graduates of Willamette have already won this distinction. Announcement is made to the students of the time, place and conditions of the selective examinations.

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

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

1. No person shall participate in any intercollegiate contest or represent the University or any class or any society in a public way unless he is a bona fide student passing in at least twelve hours of work in a regular or special course as defined in the curriculum of his college. Full work in any school on the campus shall be considered sufficient for eligibility. Students in the Department of Music shall not

in the student body organization

be held for twelve hours of work in order to appear in programs of a musical nature.

II. The time for determining eligibility shall be as follows: a. For Glee clubs, eight weeks before the scheduled trip. b. For college plays, and oratorical and debating contests, four weeks before the event. c. For interclass contests, two weeks before the event.

III. The President shall appoint a committee of three, of which he shall be a member, to administer the above rules.

IV. For the regulation of athletics the University adopts the Northwest Conference rules, to be administered by the Faculty Committee as provided in the same.

Addresses, Concerts and Entertainments

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

Senior Scholars

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

Following are Senior scholars for 1922-23: English, Dean Hatton and Rachel Nelson; French, Sadie Pratt; Philosophy and Education, Verne Bain; Chemistry, Paul Stollar; History, Evelyn C. De Moss and Luther D. Cook; Latin, Lola Housley; Home Economics, Louise Schreiber.

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. The prizes were awarded to Mr. Roy Skeen, Powell Butte, Ore., and Mr. Merl Bonney, Garfield, Wash.

STEEVES PRIZE. A prize of \$10 offered by Dr. B. L. Steeves, '91, for the student who does the best work in Latin. The prize was awarded in 1922 to Miss Mabel Renfro of Salem, Ore.

UNIVERSITY PRIZES. The University offers the following prizes to winners in any University contest in Public Speaking, to be applied in the College of Liberal Arts, except when won by Seniors in their last semester.

1. Five dollars to the winner in a local contest.
2. Ten dollars to the winner in an inter-collegiate contest.
3. Fifteen dollars to the winner in an inter-state contest.

No person may receive more than one prize in any college year.

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

The winners of the University prizes are: Rodney W. Alden, Salem, Ore.; Robert Notson, Heppner, Ore.; Robert Littler, Salem, Ore., and Ward Southworth, Salem, Ore.

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

The prize was awarded last year to Ruth Taylor, Sunny-side, Wash.

THE COLONEL WILLIS PRIZE. Col. Percy Willis, '85, of Portland, offers a prize of \$25 "to the student who throughout the school year has done the most real good to fellow students and the University by deeds of kindness and genuine helpfulness, coupled with steadfast devotion to high ideals and upright character." The prize was awarded last year to Esther McCracken,, Prosser, Wash.

ALPHA KAPPA NU. Not more than 20 per cent of any Senior class are eligible to election in this honorary scholarship society. Elections are made by the Faculty on the basis of Scholarship and Character in May preceding graduation. The Scholars elected in 1922 were: Lorlei Blatchford, Salem, Ore.; James Bohle, Falls City, Ore.; Wm. N. Byars, Portland, Ore.; Andrew C. Caton, Olympia, Wash.; Lelia T. Clutter, Salem, Ore.; Victor Collins, Hagerman, Idaho; Elsie Gilbert, Salem, Ore.; Bertha Leitner, Portland, Ore.; E. H. McEuen, Coeur d'Alene, Idaho; Harvey McLain, Scio, Oregon; Sheldon Sackett, Sheridan, Oregon; Emma Shanafelt, Salem, Oregon; Ruth Taylor, Sunnyside, Wash., and Lois Warner, Spokane, Wash.

Student Organization

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.

STUDENT VOLUNTEER BAND. Young people of the University who plan for work in the foreign field meet week-

ly for the purposes of studying the questions in their proposed vocation and to enlist further interest in the subject of foreign missions. Annually a number of the volunteers attend some convention devoted to missions.

LITERARY SOCIETIES. Of these there are nine: The Philodorian, Adelante, Chrestomathean, Palladian and Clonian 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.

Wm's **GLEE CLUB.** A limited number of young men, selected by the Director of the School of Music, meet at stated periods for vocal training and later give concerts in Salem and ~~thruout this section of the country.~~ *various parts of Oregon and vicinity*

LADIES' GLEE 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. *makes a yearly trip to other sections of the state.*

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.

THE ALUMNI MAGAZINE is published quarterly by the alumni association giving matters of interest to alumni, former students and friends of the University.

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 need of a science building 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 the 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 1922

DOCTOR OF DIVINITY—

Gilbert, Rev. E. E. (A.B. Morningside College).....
Salem, Oregon

MASTER OF ARTS—

Gutschow, Marguerite Anita (A.B. Willamette Uni-
 versity)Salem, Oregon

BACHELOR OF ARTS—

Ambler, Minnie.....Astoria, Oregon
 Bailey, Leslie Billings.....Cheshire, Oregon
 Barnes, Ralph Waldo.....Salem, Oregon
 Bartholomew, Gladys Irene.....Salem, Oregon
 Blatchford, Lorlei.....Salem, Oregon
 Bohle, James Henry.....Falls City, Oregon
 Brown, Mildred K.....Granger, Washington
 Buckner, Olive Dorothea.....Salem, Oregon
 Busch, Ruth.....Salem, Oregon
 Byars, W. Nesbitt.....Portland, Oregon
 Campbell, Glen W.....Emmett, Idaho
 Caton, Andrew C.....Olympia, Washington
 Clark, Mina Mildred.....Salem, Oregon
 Clutter, Lelia Truth.....Salem, Oregon
 Collins, Grace Esther.....Portland, Oregon
 Collins, Victor A.....Hagerman, Idaho
 Cook, Marguerite.....Portland, Oregon
 Cooley, Ruth.....Salem, Oregon
 Corner, Sula Marie.....Spokane, Washington
 Craven, Everett H.....Salem, Oregon
 Day, Lester Scott.....Bremerton, Washington
 Dimick, Ramon E.....Aurora, Oregon
 Doney, Hugh A.....Salem, Oregon
 Drake, Harold P.....Drain, Oregon
 Fanning, Irma E.....Salem, Oregon
 Gilbert, Elsie.....Salem, Oregon
 Gillespie, Opal L.....Salem, Oregon
 Gillette, Clarence J.....Woodburn, Oregon
 Gragg, Frances V.....Salem, Oregon
 Harra, Garnet.....Salem, Oregon
 Hawley, Edith N.....Woodburn, Oregon
 Jeffery, Lucille B.....Sheridan, Oregon
 Jenkins, Bernice.....Falls City, Oregon

Ledbetter, Ruby Faye	Alicel, Oregon
Leitner, Bertha	Portland, Oregon
Linn, Marion C.	Silverton, Oregon
Lyman, Harold Dwight	Gresham, Oregon
Martin, Rose	Myrtle Creek, Oregon
Mason, Virginia	Jefferson, Oregon
Minton, Mary Marjorie	Salem, Oregon
Mocroft, Ethel Inez	Forest Grove, Oregon
Moodhe, Noble Severin	Spokane, Washington
Moody, John G.	Salem, Oregon
McEuen, Earl Harry	Coeur d'Alene, Idaho
McGrew, James Fred	Idaho Falls, Idaho
McKittrick, William Bryan	Wenatchee, Washington
McLain, Harvey	Scio, Oregon
Nickel, Jacob Al	Dallas, Oregon
Nicholl, William	Quincy, Massachusetts
Norene, Edwin Hjalmar	Portland, Oregon
Pollock, Dean	Gooding, Idaho
Randall, Edwin T.	Salem, Oregon
Rarey, Harry Erwin	Tacoma, Washington
Rehbock, Ralph Harold	Yakima, Washington
Richards, Ruth Mahala	Milwaukie, Oregon
Rickli, Benjamin E.	Spring Garden, California
Robertson, Mabel P.	Salem, Oregon
Robison, K. Ruth	Rickreall, Oregon
Ruby, Leisla	Gresham, Oregon
Ruggless, Laura Edith	Vancouver, Washington
Sackett, Sheldon F.	Sheridan, Oregon
Sackett, Vernor Martin	Sheridan, Oregon
Schaefer, Ruth E.	Springfield, Oregon
Shanafelt, Emma Ann	Salem, Oregon
Shotwell, Cecil L.	Los Angeles, California
Swengel, Thelma Evelyn	Salem, Oregon
Taylor, Ruth	Sunnyside, Washington
Tucker, Lucille	Salem, Oregon
Tyler, Grace M.	Salem, Oregon
Warner, Lois E.	Spokane, Washington
Wilson, Gladys Louise	Salem, Oregon
Wise, Ruth Emily	Granger, Washington

BACHELOR OF LAWS—

Bassett, Raymond H.	Salem, Oregon
Bedingfield, James Blaine	Bandon, Oregon
Brown, T. Leland	Salem, Oregon
Carson, Allan Grant	Salem, Oregon

Conley, Bryan H.	Salem, Oregon
Ellis, Clyde R.	Salem, Oregon
Ewing, James H. G.	Salem, Oregon
Fliegel, Joseph Frank	Salem, Oregon
McAllister, Joseph L.	Salem, Oregon
Pope, Carl T.	Salem, Oregon
Ramsey, Bernard	Madras, Oregon
Woods, Ernest Rowland	Salem, Oregon

REGISTRATION OF STUDENTS

College of Liberal Arts

(Classification as of September, 1922.)

POST GRADUATES—

Aldrich, Frederick DeLong (A.B. Willamette University)	Salem, Oregon
Harra, Garnet (A.B. Willamette University)	Salem, Oregon
Harris, Averill (A.B. Willamette University)	Salem, Oregon

SENIORS—

Alden, Rodney Whittemore	Salem, Oregon
Anderson, Virgil A.	Salem, Oregon
Anslow, Elsworth	Port Orchard, Washington
Bain, Verne D.	Tillamook, Oregon
Beck, Freda	Milwaukie, Oregon
Beisell, Mae	Wenatchee, Washington
Berry, E. Clifford	Spokane, Washington
Brainerd, Grace Frances	Marshall, Texas
Brougher, John C.	Scott's Mills, Oregon
Burris, Elva	Salem, Oregon
Cook, Luther D.	Salem, Oregon
Cooper, Lillian M.	Pilot Rock, Oregon
Coulter, Jay D.	Amity, Oregon
De Moss, Evelyn C.	Portland, Oregon
Dicks, Vesta	Lakeview, Oregon
Ellis, David Clark	Salem, Oregon
Fake, Nell	Salem, Oregon
Ferguson, Martha	Hood River, Oregon
Findley, Genevieve	Salem, Oregon
George, Howard W.	Wenatchee, Washington
Green, Paul H.	Salem, Oregon
Hardy, Helen Ruth	Salem, Oregon
Hardin, Erma	Spokane, Washington
Harwood, Carmen	Salem, Oregon
Hatton, Deane E.	Milan, Washington
Hoover, Helen	Portland, Oregon
Housley, Lola C.	Salem, Oregon
Hunt, Mary Elizabeth	Spokane, Washington
Jennison, Leon	Salem, Oregon
Kershner, Alta	Salem, Oregon

Kinch, Francis Murton	Snohomish, Washington
Lisle, Everett W.	Salem, Oregon
Marcy, Lila Ethel	Portland, Oregon
Mills, Thelma	Forest Grove, Oregon
McAbee, Earl W.	Livesley, Oregon
McClelland, Chas. Robert	Salem, Oregon
McClintock, Pauline Raish	Weed, California
McCracken, Esther	Prosser, Washington
McInturff, Helen S.	Spokane, Washington
McKinnis, Faye	Wallowa, Oregon
Nelson, Rachel Hall	Salem, Oregon
Parounagian, Esther	Amity, Oregon
Paterson, Marion King	Willamette, Oregon
Pearson, Cecil	Turner, Oregon
Phillips, Genevieve	Crawfordsville, Oregon
Pratt, Sadie Elizabeth	Portland, Oregon
Rahskopf, Carol E.	Portland, Oregon
Reynolds, Ida Niswonger	Bend, Oregon
Richardson, Myrtle Leone	Salem, Oregon
Richards, Harold G.	Bremerton, Wash.
Rickli, Pauline	Salem, Oregon
Rodman, John F.	Nampa, Idaho
Roeder, Esther Miriam	Salem, Oregon
Rosenkranz, Ruby Violet	Colfax, Washington
Rumohr, Louise	Leavenworth, Washington
Sanders, Melba	Newberg, Oregon
Scholl, William	Foster, Oregon
Schreiber, Louise	Salem, Oregon
Seethoff, Margaret	Salem, Oregon
Skeen, Roy T.	Powell Butte, Oregon
Smith, Ruth	Dallas, Oregon
St. Clair, Winifred E.	Gresham, Oregon
Stevens, Mildred Opal	Hillyard, Washington
Stollar, Paul Stewart	Salem, Oregon
Strevey, Elmer	Newberg, Oregon
Strevey, Mildred	Newberg, Oregon
Van Slyke, Harriet	Chelan, Washington
Vinson, Alma Rohrer	Salem, Oregon
Von Eschen, Elton L.	Salem, Oregon
Warrell, John W.	Cornelius, Oregon
White, Bruce E.	Hobson, Montana
Widman, Cornelia	Rosalia, Washington

JUNIORS—

Albert, Mary Jane	Salem, Oregon
Arnold, Byron D.	Vancouver, Washington
Bedford, Sarah Ruth	Salem, Oregon
Brock, Edgar	Oregon City, Oregon
Bunch, Audred W.	Salem, Oregon
Caughlan, James C.	Ellensburg, Washington
Cheney, Carol M.	Vader, Washington
Coe, Violet Mae	Gresham, Oregon
Cook, Georgia Morgan	Salem, Oregon
Crandall, Hilda	Lebanon, Oregon
Daniel, Ethelyn	Spokane, Washington
Davies, Mabel Sadirus	St. Helens, Oregon
Donnelly, Edna	Salem, Oregon
Gates, Margaret Louise	The Dalles, Oregon
Geyer, William Albert	Wenatchee, Washington
Grettie, Donald	Salem, Oregon
Hender, Maudie	Pomeroy, Washington
Hicks, Avery M.	Salem, Oregon
Hill, Ruth	Vancouver, Washington
Hisey, Ourey	Gresham, Oregon
Huston, F. Edward	Salem, Oregon
Hutt, Martha Mary	Athens, Oregon
Jennison, Edna	Salem, Oregon
Kelso, Gordon	Yakima, Washington
Klamp, Florence	Woodburn, Oregon
La Raut, Kathleen	Salem, Oregon
Ledbetter, Eva Pearl	Alicel, Oregon
Lemery, Esther Emma	Gervais, Oregon
Lockwood, Donald	Portland, Oregon
Logan, Albert	Umatilla, Oregon
Mallory, Martha	Spokane, Washington
Marcy, Mildred Evelyn	Portland, Oregon
Marsters, Lyman S.	Halsey, Oregon
Notson, Robert C.	Heppner, Oregon
Oberg, Helen Elaine	Portland, Oregon
Palmer, Phyllis	Salem, Oregon
Regele, Harold E.	Canby, Oregon
Rhoten, Zeda A.	Salem, Oregon
Robins, John Prescott	Canby, Oregon
Sargent, William B.	Emmett, Idaho
Satchwell, Leonard Raymond	Shedd, Oregon
Shelburne, Erma Smith	Amity, Oregon
Sherwood, Paul	Salem, Oregon

Sloop, Perry R.	Gaston, Oregon
Smith, Clara J.	Kennewick, Washington
Stober, Caroline E.	Portland, Oregon
St. Pierre, Ella Kirkpatrick	Salem, Oregon
Sykes, Alice	Hood River, Oregon
Vinson, Willis D.	Portland, Oregon
Von Eschen, Marie	Salem, Oregon
Wagner, Amanda	Prosser, Washington
Ware, Lila	Lebanon, Oregon
Wells, Alice Belle	Portland, Oregon
Wells, Alma I.	Independence, Oregon
Wells, Mary Salome	Portland, Oregon

SOPHOMORES—

Adams, Ethel	Walla Walla, Washington
Ausman, Claire F.	Salem, Oregon
Barquist, Carmelita Esther	Salem, Oregon
Berg, Jennie Irene	Fruitland, Idaho
Best, Laura R.	Medford, Oregon
Bingaman, Ivan	Imbler, Oregon
Bolton, Lyall Rees	Twin Falls, Idaho
Booth, Carl Vivian	Salem, Oregon
Boughey, Erma	Salem, Oregon
Briggs, Richard W.	Kennewick, Washington
Bryan, Louise Anna	Salem, Oregon
Burleson, Jack Corley	McMinnville, Oregon
Calhoun, Ernest F.	Grants Pass, Oregon
Card, Lucia Lucile	Dallas, Oregon
Carey, Hollis L.	Seattle, Washington
Chapin, Leland T.	Wolf Creek, Oregon
Chapin, Rawson Henry	Salem, Oregon
Cooley, Neva	Salem, Oregon
Corskie, Jeannie Louise	Salem, Oregon
Coryell, Charles W.	Myrtle Creek, Oregon
Cotton, Helen Irene	Salem, Oregon
Crozer, Kathryn	Salem, Oregon
Curry, Elliott	Oroville, Washington
Delk, Jewel	Drain, Oregon
Dimick, Ronald	Newport, Oregon
Drake, Mildred Lucinda	Yamhill, Oregon
Dutcher, Marguerite	Portland, Oregon
Ellis, Dorothy Gray	Salem, Oregon
Ellis, Lela	Walla Walla, Washington
Emmel, Stanley	Salem, Oregon

Fereshetian, Florence Moore	Salem, Oregon
Fletcher, Flora Elizabeth	Salem, Oregon
Gatke, Helen Catharine	Salem, Oregon
Geyer, Lila Sybil	Wenatchee, Washington
Gilbert, Mary	Salem, Oregon
Gillet, Orlo	Tangent, Oregon
Gralapp, Milton	Salem, Oregon
Griffith, Wallace	Salem, Oregon
Hagman, Hulda	Astoria, Oregon
Halvorson, Anna	Silverton, Oregon
Hammond, Percy Malcolm	Salem, Oregon
Heacock, Alice	Clinton, Minnesota
Henry, Juanita	Idaho Falls, Idaho
Hodge, Frances Mae	Salem, Oregon
Jasper, Grace Marie	Portland, Oregon
Jones, Blanche	Oregon City, Oregon
Joughin, Clara Louise	Libby, Montana
Keefer, Mary	Salem, Oregon
Kirkwood, Olga	Salem, Oregon
Lavender, Anna	Weston, Oregon
Littler, Robert C.	Salem, Oregon
Lyman, Marjorie	Milwaukie, Oregon
Mack, James Wayne	Hubbard, Oregon
Matusch, Ellen Barbara	Sheridan, Oregon
Mickey, Hale Mark	Salem, Oregon
Millard, Lola Gae	Salem, Oregon
Millie, Henry J.	Salem, Oregon
Mitzner, Theodore	Halsey, Oregon
Molmstrom, Daphne	Pendleton, Oregon
Moorehead, George R.	Salem, Oregon
Morton, Gladys Evelyn	Pomeroy, Washington
Moyer, Esther	Roseburg, Oregon
Mulkey, Zelda Marjorie	Portland, Oregon
McClure, Elizabeth	Portland, Oregon
McCourt, John B.	Salem, Oregon
McDaniel, Margaret	Portland, Oregon
McKeehan, Verna	Portland, Oregon
McKinney, William V.	Salem, Oregon
Neptune, Doris	Salem, Oregon
Nydeggar, Walter Elsworth	Lyons, Oregon
Oliver, Clarence Edward	Portland, Oregon
Oliver, George L.	Pomeroy, Washington
Owen, Dorothy	Portland, Oregon
Padilla, Sinforsoso	Philippine Islands
Parkhill, Vera	Wenatchee, Washington

Patton, Fred J.	Forest Grove, Oregon
Phipps, Laura	Hermiston, Oregon
Prouty, Paloma Patricia	Salem, Oregon
Reed, Eloise	Portland, Oregon
Rehbock, Harold	Yakima, Washington
Remington, Pauline	Salem, Oregon
Reynolds, Floyd P.	Bend, Oregon
Rice, Anabel	Wenatchee, Washington
Roeder, Paul	Salem, Oregon
Ryan, Albert	Sheridan, Oregon
Schreiber, Daniel T.	Salem, Oregon
Smith Elsie Velma	Whiteson, Oregon
Sparks, Fay	Bandon, Oregon
Spaulding, Mary	Echo, Oregon
Spencer, Harry	Albany, Oregon
Tallman, Carolene	Gresham, Oregon
Thomas, Edwin	Medford, Oregon
Thompson, Lloyd E.	Portland, Oregon
Vandervort, Jennelle	Salem, Oregon
Vinson, Jack E.	Portland, Oregon
Walker, Irene	Eugene, Oregon
Walker, Leroy	Roseburg, Oregon
Walsh, Kathleen	Salem, Oregon
Waltz, Lloyd	Salem, Oregon
Warren, Edward	Metzger, Oregon
Wax, Forrest Everett	Spokane, Washington
Wilkinson, Merwin	Albany, Oregon
Wilson, Carolyn	Salem, Oregon
Yerex, Ethelyn	Portland, Oregon
Zeller, Waldo	Sunnyside, Washington

FRESHMEN—

Abrahamson, Olive	Portland, Oregon
Acheson, Thomas	Salem, Oregon
Allen, Stanley	Santa Cruz, California
Albright, Daniel Rex	Marquam, Oregon
Anderson, Ross M.	Klamath Falls, Oregon
Arpke, Frederick Charles	Salem, Oregon
Atkinson, George M.	Portland, Oregon
Ausve, Cora Evelyn	Barlow, Oregon
Baggett, Fennimore	Silverton, Oregon
Bailey, Floyd S.	Grants Pass, Oregon
Balsiger, Anna Arlene	Ione, Oregon
Bamford, M. Carrie	Forest Grove, Oregon
Barnum, Alice	Mica, Idaho

Bartholomew, Helen Marie	Portland, Oregon
Bateson, Cornelius	Canby, Oregon
Bauman, Esther	Portland, Oregon
Beckendorff, Lowell H.	Portland, Oregon
Bell, Hugh M.	Rickreall, Oregon
Bennett, Lauren K.	The Dalles, Oregon
Betts, Kohler Gildersleeve	Athena, Oregon
Billmeyer, Blanche Ione	Salem, Oregon
Bird, Dorothy	Wenatchee, Washington
Bird, Donald M.	Wenatchee, Washington
Blatchford, Roderick	Salem, Oregon
Blenkinsop, Mabel E.	Salem, Oregon
BoDine, Margaret Jane	Portland, Oregon
Bolton, Enid	The Dalles, Oregon
Bond, Alvin C.	Turner, Oregon
Bonney, Arthur C.	Garfield, Washington
Bonney, Merl Edwin	Garfield, Washington
Booth, Herbert	Salem, Oregon
Booth, Margaret	Lebanon, Oregon
Branson, Mrs. C. O.	Salem, Oregon
Bross, Josephine M.	Salem, Oregon
Brougher, J. Harvey	Scotts Mills, Oregon
Brown, Beyrl Marjory	Redmond, Oregon
Brown, Eleanor	Oregon City, Oregon
Brown, Marjorie	Portland, Oregon
Brownlee, Myrtle Rebecca	Salem, Oregon
Buckley, Paul	Calcutta, India
Busch, Zenda	Salem, Oregon
Cammack, Helen	Salem, Oregon
Campbell, Frances	Emmet, Idaho
Carey, Willard	Walla Walla, Washington
Carter, Filmer Wesley	Chehalis, Washington
Chaffer, Richard Stormer	Nampa, Idaho
Church, Clarence	Roseburg, Oregon
Clark, George E.	Portland, Oregon
Clary, Roy	Ashland, Oregon
Comstock, Ila G.	Portland, Oregon
Conn, Mary Elizabeth	Lakeview, Oregon
Cook, Geraldine Alys	Halsey, Oregon
Cook, Marjorie Jane	Ridgefield, Washington
Corthell, Maurice	Marshfield, Oregon
Dark, Russell Edgar	McMinnville, Oregon
Davis, Charles Leslie	Lebanon, Oregon
Day, Warren Hathaway	Portland, Oregon

Derry, Mrs. Agnes	Salem, Oregon
DeYo, Rachael Ellen	Portland, Oregon
Dotson, Mabel Leora	Salem, Oregon
Dunnette, Everett	Salem, Oregon
East, Carolyn Ross	Salem, Oregon
Edmundson, W. Tristram	Salem, Oregon
Elliott, Maxine	Salem, Oregon
Emmons, Oma Louvae	Vancouver, Washington
Endicott, Genevieve	Salem, Oregon
Erickson, Herbert Shulze	Salem, Oregon
Erskine, Dorothy	Salem, Oregon
Estes, Thelma	White Salmon, Washington
Fanning, Beulah	Salem, Oregon
Fearing, Harold	Portland, Oregon
Findley, Dwight H.	Salem, Oregon
Fleischer, Ernestine L.	Prescott, Washington
Flock, Mabel	Kellogg, Idaho
Flores, Simeon	Philippine Islands
Freeman, Lloyd A.	St. Johns, Washington
Goss, Milo	Rochester, Indiana
Grant, Mildred Alice	Falls City, Oregon
Green, Bertha	Grants Pass, Oregon
Gronke, Leo	Salem, Oregon
Guyer, Edward	Seattle, Washington
Hackler, Ruth	Talent, Oregon
Haines, Ronald	Salem, Oregon
Halliday, Irl	Kennewick, Washington
Hansen, Elmer C.	Salem, Oregon
Hansen, Leona J.	Haines, Oregon
Hansen, Mildred Bernice	Salem, Oregon
Hassel, David C.	Haines, Oregon
Hawthorne, Alexander	Salem, Oregon
Hays, Byron J.	Yakima, Washington
Heineck, Elois Marion	Okanogan, Washington
Heineck, Ruth Orletta	Okanogan, Washington
Hewitt, Ruth	Portland, Oregon
Hiatt, Leroy	Lyons, Oregon
Hicks, Victor	Woodburn, Oregon
Hiday, Everett	Pomeroy, Washington
Hinds, Hazel A.	Kennewick, Washington
Hockett, Lloyd Lindsey	Salem, Oregon
Hoffman, Aileen Frances	Forest Grove, Oregon
Hoover, Mildred Lucille	Bend, Oregon
Hop Lee, Elsie	Salem, Oregon

Hoyt, Mary	Salem, Oregon
Hughes, Ronald R.	Boone, Iowa
Huston, Leo M.	Salem, Oregon
Isham, Harold Kent	Grants Pass, Oregon
Jager, Earl C.	Junction City, Oregon
Jeffers, Doris Irene	Enterprise, Oregon
Jensen, Myrtle—	Salem, Oregon
Johnson, Rodney	Portland, Oregon
Johnston, George Paul	Salem, Oregon
Jones, Maxwell Murray	Newberg, Oregon
Jorgensen, Mrs. Margaret L.	Salem, Oregon
Judy, Frederick Riebel	Gervais, Oregon
Kadow, Marjorie Madeline	Vancouver, Washington
Kammeyer, Edith Helena	Libby, Montana
Kaufman, Louise C.	Falls City, Oregon
Keefer, Mary	Salem, Oregon
Keeney, Horace Edward	Palouse, Washington
Keith, Mary	Emmett, Idaho
Kelso, Delferna M.	Yakima, Washington
Koontz, Alberta	Halsey, Oregon
Laird, Edward	North Bend, Oregon
Lang, Guy W.	The Dalles, Oregon
Latourell, Milton I.	Salem, Oregon
Lawrence, Fred W.	Spokane, Washington
Leavenworth, Martha S.	Salem, Oregon
Lee, Walter	Salem, Oregon
Liening, Esther	Salem, Oregon
Maddox, Mabel Louise	Portland, Oregon
Mades, Margaret	Seattle, Washington
Malmsten, Hazel L.	Vernonia, Oregon
Maple, Mildred	Forest Grove, Oregon
Marsters, Byrl Florence	Salem, Oregon
Martin, Linden	Salem, Oregon
Martin, Verna	Salem, Oregon
Mason, Edith	Astoria, Oregon
Mayer, Fred Harold	Salem, Oregon
Mayo, Benito	Philippine Islands
Medler, John H.	Wasco, Oregon
Mickey, Edith Blanch	Salem, Oregon
Miller, Marian Louise	Salem, Oregon
Miller, Maurita Rose	Toppenish, Washington
Miller, Pauline Grace	The Dalles, Oregon
Minton, Joseph	Salem, Oregon
Moore, Edward Randall	Redmond, Oregon
Moore, Lois Gill	Salem, Oregon

Mootry, Earl H.	Willamette, Oregon
Mooris, Alva A.	Turner, Oregon
Mulkey, Dwight Lewis	Salem, Oregon
Mumford, Royal	Vancouver, Washington
Myers, John T.	Woodburn, Oregon
McCracken, Jessie	Prosser, Washington
McCully, Kermit	Joseph, Oregon
McIntyre, Gladys	Salem, Oregon
McKinney, Milton	Turner, Oregon
McKinnis, Ronald B.	Walla Walla, Oregon
McKittrick, Vivian	Wenatchee, Washington
Nee, William Joe	Seattle, Washington
Neher, Simon	Wenatchee, Washington
Noble, Virginia	Twin Falls, Idaho
Noftsker, Isabelle	Silverton, Oregon
Noland, Hernia	Walla Walla, Washington
Nunn, Charles T.	Salem, Oregon
Nunn, Joseph J.	Salem, Oregon
Nye, Lois Alberta	Salem, Oregon
Oaks, Harold	St. John, Washington
Okerberg, Elizabeth Svea	Salem, Oregon
Palmer, Dorothy Dee	Medford, Oregon
Palmer, Jesse T.	Obsidian, Idaho
Parr, Sarah May	Laurel, Oregon
Parrott, Delorne	Wilbur, Oregon
Pearson, Gerald L.	Turner, Oregon
Peck, George Stafford	Palouse, Washington
Pehrsson, Nora	Halsey, Oregon
Pemberton, Laura E.	Salem, Oregon
Pemberton, Paul A.	Salem, Oregon
Peters, Dortha	Wenatchee, Washington
Phillips, Clarence D.	Spokane, Washington
Priday, Faith Alice	Salem, Oregon
Purdy, Frances R.	Twin Rocks, Oregon
Pybus, Jessie	Wenatchee, Washington
Ramos, Felix M.	Philippine Islands
Reed, James W.	Portland, Oregon
Remington, Roy	Salem, Oregon
Reynolds, Lloyd Lea	Lebanon, Oregon
Roberts, Alden	Salem, Oregon
Robertson, Arthur De Loss	Portland, Oregon
Ross, Leah Mathilda	Salem, Oregon
Ross, Ruth Elizabeth	Salem, Oregon
Rowan, Antonio A.	Philippine Islands

Rostein, Marie	Salem, Oregon
Sachs, Helen Maud	Dominion, Washington
Sammer, Boris	Russia
Sandifur, Paul C.	Portland, Oregon
Schneider, Glenn	Twin Falls, Idaho
Schreiber, Anna	McMinnville, Oregon
Schreiber, Edna B.	McMinnville, Oregon
Shawen, Carroll G.	Pomeroy, Washington
Shelley, Gordon	Marshfield, Oregon
Shepard, Irving	Cordova, Alaska
Sibley, Dorothea	Bend, Oregon
Silver, Ann	Newberg, Oregon
Skirvin, Lewis	Halsey, Oregon
Smith, Angelina	Salem, Oregon
Smith, Francis	Salem, Oregon
Sneed, Esther	Salem, Oregon
Southworth, Ward	Salem, Oregon
Spatz, Lucy	Willamette, Oregon
Spaulding, Fay	Echo, Oregon
Spence, Wilma	Dallas, Oregon
Starr, Joy	Monroe, Oregon
Stephenson, Mary Elizabeth	Salem, Oregon
Stollar, Ina Willa	Salem, Oregon
Stolzheise, Ralph Merwin	Salem, Oregon
Stratton, William Glasgow	Talent, Oregon
Strayer, Nadie	Baker, Oregon
Tacheron, Eva	Gresham, Oregon
Taylor, Daniel Clifford	Cottage Grove, Oregon
Tebben, Winifred	Portland, Oregon
Thompson, Genevieve	Portland, Oregon
Timmons, Opal	Salem, Oregon
Tucker, Gertrude Gail	Salem, Oregon
Tucker, Mildred Lucile	Klabin, Washington
Tyler, Franklin	Woodburn, Oregon
Vick, Bertha	Salem, Oregon
Vick, Hollis Irene	Salem, Oregon
Von Eschen, Ellis Florian	Salem, Oregon
Warner, Sidney	Oregon City, Oregon
Watkins, Walter B.	Portland, Oregon
Watts, Carl	Madras, Oregon
Watts, Nellie	Madras, Oregon
Wechter, Ruth	Salem, Oregon
Weed, Lesta Catharine	Timber, Oregon
Welch, Frances Lucyll	Salem, Oregon

Wheelright, Floyd A.	Salem, Oregon
White, Adelia A.	Portland, Oregon
White, Oscar	Hobson, Montana
Wight, Arthur E.	Lebanon, Oregon
Wilcox, Frank	Grass Valley, Oregon
Woodworth, Arvilla	Salem, Oregon
Wright, John L.	Franklin, Illinois
Wyatt, Marian Mildred	Salem, Oregon
Wylie, Kenneth	Eugene, Oregon
Wylie, Lucile	Eugene, Oregon
Yamashita, Masa Nori	Portland, Oregon
Yocom, Thelma	Jacksonville, Oregon
Young, Edith	Toledo, Oregon
Youngs, Beulah	Astoria, Oregon
Zarsadias, Sofio	Philippine Islands
Zehner, Nora	Hubbard, Oregon
Zinn, Alta	Salem, Oregon

College of Law

SENIORS—

Ashurst, Edward B.	Salem, Oregon
Burris, Paul F.	Salem, Oregon
Carson, Wallace P.	Salem, Oregon
Cook, Elmer D.	Salem, Oregon
Coulter, Jay D.	Amity, Oregon
Ford, Bert T.	Salem, Oregon
Ganzans, Raymond L.	Salem, Oregon
Hallmark, Earl B.	Waldport, Oregon
Kloepping, Henry H.	Salem, Oregon
Kowitz, Chris J.	Lebanon, Oregon
Minton, Joseph	Salem, Oregon
Price, Wayne M.	Salem, Oregon
Zeller, Waldo C.	Sunnyside, Washington

JUNIORS—

Axley, Rollo F.	Salem, Oregon
Banta, Harold	Waldport, Oregon
Beyerl, Annette J.	Salem, Oregon
Brewster, George H.	Sisters, Oregon
Donegan, Patrick H.	Burns, Oregon
Eakin, Harold E.	Salem, Oregon
Edwards, Michael T.	Portland, Oregon
Elrey, Charles H.	Asotin, Washington
Fereshetian, Martin	Salem, Oregon
Hill, Elva Blanche	Salem, Oregon

Jones, A. Warren	Newberg, Oregon
McCourt, John	Salem, Oregon
Martin, Hannah	Salem, Oregon
Probst, Dewey T.	Salem, Oregon
Randall, Kenneth L.	Salem, Oregon
Ratliffe, Robey S.	Salem, Oregon
Ryan, Donald J.	Oregon City, Oregon
Smith, William Wallace	Salem, Oregon
Webb, Floy M.	Olympia, Washington
Wiggins, Hal F.	Salem, Oregon
Willett, George J.	Roseburg, Oregon

FRESHMEN—

Albright, Rex	Marquam, Oregon
Denton, Walter A.	Salem, Oregon
Duncan, George R.	Salem, Oregon
Fearing, W. Harold	Portland, Oregon
Fischer, Carl A.	Salem, Oregon
Freeman, Floyd W.	St. John, Washington
Graham, Kenneth M.	Portland, Oregon
Hallmark, Maurice L.	Waldport, Oregon
Hicks, Avis Marie	Salem, Oregon
Jones, Allan V.	Salem, Oregon
McGill, H. J.	Salem, Oregon
McKinney, William W.	Salem, Oregon
Martin, Linden S.	Salem, Oregon
Meaney, P. J.	Salem, Oregon
Plurad, Frederico	Philippine Islands
Paulus, Otto K.	Salem, Oregon
Phillips, Clarence D.	Spokane, Washington
Rose, Albert D.	Enumclaw, Washington
Shelley, Gordon M.	Marshfield, Oregon
Young, James B.	Salem, Oregon

School of Music

Abbreviations: V, Voice; P, Piano; O, Organ; H, Harmony; M-H, Musical History; PSM, Public School Music; SS, Sight Singing; T-M, Theory of Music.

SENIORS—

Hoyt, Laura	H-P Piano Ensemble, Salem, Oregon
Myers, Eugenie	H-P Piano Ensemble, Voice Piano Pedagogy, Portland, Oregon
Anderson, Virgil	V Salem, Oregon

Albert, Mary Jane	V,P,H M-H	Salem, Oregon
Arnold, Byron	P,H	Vancouver, Washington
Ausve, Cora	P,H	Barlow, Oregon
Balsiger, Arlene	P	Ione, Oregon
Barnett, Leolyn	P	Salem, Oregon
Beckendorff, Lowell	P	Portland, Oregon
Bedford, Sarah Ruth	M-H	Salem, Oregon
Bell, Hugh	V	Rickreall, Oregon
Best, Laura	P	Medford, Oregon
Bird, Dorothy	P	Wenatchee, Washington
BoDine, Margaret	P,SS	Portland, Oregon
Bodle, Hazel J.	P,SS,H,M-H,PSM	Bay City, Oregon
Boughey, Erma	P,SS,M-H	Salem, Oregon
Breithaupt, Irene	P	Salem, Oregon
Brock, Edgar	V	Oregon City, Oregon
Brougher, John C.	V	Scotts Mills, Oregon
Campbell, Frances	P,V,SS	Emmett, Idaho
Card, Lucia	V	Dallas, Oregon
Carey, Hollis	V	Seattle, Washington
Carey, Willard	V	Walla Walla, Washington
Carlson, Victor	P	Toppenish, Washington
Cheney, Carol	V	Vader, Washington
Church, Susie	P,V,SS	Salem, Oregon
Cooley, Neva	V	Salem, Oregon
Corskie, Jeannie	H, Violin	Harrison, Idaho
De Moss, Evelyn	V	Portland, Oregon
Ellis, Lela	P	Walla Walla, Washington
Erskine, Dorothy	V	Salem, Oregon
Findley, Dwight	V	Salem, Oregon
Freeburg, Evelyn	P	Salem, Oregon
Gamble, Winifred	P	Salem, Oregon
Gilbert, Gladys	P,V,H,SS,M-H,PSM	Salem, Oregon
Gilbert, Lena	P,V,H,SS,M-H,PSM	Salem, Oregon
Gill, Oliver	V	Salem, Oregon
Gilles, Bertha H.	V	Salem, Oregon
Grallap, Milton	V	Salem, Oregon
Grant, Mildred	P,SS	Falls City, Oregon
Gregg, Helene	P	Salem, Oregon
Hackler, Ruth	V	Talent, Oregon
Hagman, Hulda	V	Astoria, Oregon
Hansen, Leona	P,SS	Haines, Oregon
Hansen, Mildred	V	Salem, Oregon
Harwood, Carmen	M-H	Salem, Oregon
Heacock, Alice	V	Clinton, Minnesota

REGISTER OF STUDENTS—SCHOOL OF MUSIC 107

Henry, Juanita	P	Idaho Falls, Idaho
Hill, Ruth	P	Vancouver, Washington
Hoover, Mildred	P	Bend, Oregon
Hulsey, Clifford	P	Salem, Oregon
Hunt, Mary Elizabeth	H, M-H, PSM	Spokane, Wash.
Jaskoski, Lucille	P	Salem, Oregon
Jennison, Leon	H	Salem, Oregon
Johnson, Rodney	V	Portland, Oregon
Joughin, Clara Louise	V,P,SS	Libby, Montana
Kaufman, Louise	P	Falls City, Oregon
Keefer, Mary	M-H	Salem, Oregon
Kelley, Frances	P,V	Portland, Oregon
Kellsy, Mrs. D. Frances	V,P	Salem, Oregon
Kelso, Delferna	P,O	Yakima, Washington
Koontz, Alberta	V,SS	Halsey, Oregon
La Raut, Kathleen	V,H	Salem, Oregon
Liening, Esther	P,H	Salem, Oregon
Lippold, Elsie	P	Salem, Oregon
Lippold, Lois	P	Salem, Oregon
Love, Iva Clare	H,M-H	Salem, Oregon
Maple, Mildred	V	Forest Grove, Oregon
Marstens, Lyman S.	V	Halsey, Oregon
Mickey, Edith	SS	Salem, Oregon
Mitzner, Theodore	V	Halsey, Oregon
Molstrom, Daphne	P	Pendleton, Oregon
Mulkey, Zelda	P	Portland, Oregon
McClure, Elizabeth	P	Portland, Oregon
McCracken, Esther	V	Prosser, Washington
McIntyre, Gladys	V,SS	Salem, Oregon
McKinney, Milton	V	Turner, Oregon
McKittrick, Vivian	V,SS	Wenatchee, Washington
Nelson, Rachael Hall	P,V,PSM,H,M-H	Salem, Oregon
Noble, Virginia	PO,H,SS,M-H	Piano Ensemble, Twin Falls, Idaho
Oliver, Clarence	V	Portland, Oregon
Palmer, Dorothy	V	Medford, Oregon
Panunzio, Lenore	P	Salem, Oregon
Peters, Dortha Kathleen	V	Wenatchee, Washington
Phillips, Clarence	V	Spokane, Washington
Rehbock, Donald J.	Violin	Yakima, Washington
Roberts, Eva	V	Cove, Oregon
Rostein, Marie	V	Salem, Oregon
Sanders, Melba	H	Newberg, Oregon
Skeen, Roy	V	Powell Butte, Oregon

Socolofsky, Mrs. Edwin	V	Salem, Oregon
Sparks, Fay	V	Bandon, Oregon
Spaulding, Fay	V	Echo, Oregon
Spaulding, Mary	V	Echo, Oregon
Strevey, Mildred	V,SS	Newberg, Oregon
Thompson, Lloyd	V	Portland, Oregon
Tracey, Mrs. Marjorie	V,P	Wenatchee, Washington
Vandevort, Jennelle	V	Salem, Oregon
Vinson, Jack E.	V,M-H	Salem, Oregon
Warren, Edward J.	V,SS	Metzger, Oregon
Wax, Forrest E.	O,H,SS	Spokane, Washington
Weed, Lesta	P	Timber, Oregon
Williams, Delores	P	Salem, Oregon
Young, Florence	P,H,SS	Salem, Oregon
Zelsdorff, Mrs. Jennie	V	Salem, Oregon
Zinn, Alta	P,H	Salem, Oregon

Specials

Beck, George	Salem, Oregon
Bohler, Roy	Reading, Pennsylvania
Carlson, Victor	Toppenish, Washington
Chapman, Samuel J.	Salem, Oregon
Cramer, Don B.	Parker, Oregon
Cross, Mrs. Barbara D.	Salem, Oregon
Currie, Mabel	Salem, Oregon
Derry, Elbert R.	Salem, Oregon
Donnelly, Lucretia	Salem, Oregon
Falk, Alice Lucille	Salem, Oregon
Forkner, Robert A.	Salem, Oregon
Grau, Albert D.	Kokomo, Indiana
Moore, Delbert	Salem, Oregon
Niles, Gussie	Salem, Oregon
Walsh, William	Salem, Oregon

Kimball Specials

Beadles, O. J.	Okanogan, Washington
Blenkinsop, Percival M.	Salem, Oregon
Garver, Harold B.	Portland, Oregon
McNees, J. A.	Pratum, Oregon
Ranton, Erwin	Lynden, Washington
Seethoff, John	Salem, Oregon
Withnell, Edward W.	Salem, Oregon

Law Specials

Banta, Harold	Waldport, Oregon
Hicks, Avis	Salem, Oregon
Hill, Blanche	Salem, Oregon
Martin, Hannah	Salem, Oregon
Pluard, Frederico	Philippine Islands
Webb, Floy M.	Olympia, Washington

Summer Session 1923

Alexander, Bessie	Pasco, Washington
Anslow, Elsworth	Port Orchard, Washington
Barnes, Ralph, A.B.	Salem, Oregon
Barnes, Ruth	Salem, Oregon
Basler, Loren H., A.B.	Athens, Oregon
Berry, Clifford	Spokane, Washington
Brown, Gretchen	Salem, Oregon
Brown, Mildred	Granger, Washington
Burris, Elva	Salem, Oregon
Byers, Orrin D.	Independence, Oregon
Collins, Victor A., A.B.	Salem, Oregon
Cook, Georgia Morgan	Salem, Oregon
Cook, Luther D.	Salem, Oregon
Cooper, Harvey O.	Salem, Oregon
Cox, Mildred	Salem, Oregon
Doney, Paul Herbert, A.B.	Salem, Oregon
Estudillo, Helena	Salem, Oregon
Ferguson, Martha	Hood River, Oregon
George, Howard Wesley	Wenatchee, Washington
Goddard, Laura	Salem, Oregon
Gonzales, Juan S.	Philippine Islands
Graham, Kenneth	Portland, Oregon
Griffith, Margaret	Salem, Oregon
Guldager, George	Eugene, Oregon
Hardy, Helen Ruth	Salem, Oregon
Harwood, Carmen	Salem, Oregon
Hatton, Deane E.	Milan, Washington
Hicks, Avery M.	Salem, Oregon
Hinds, Hazel	Kennewick, Washington
Hollingworth, Carl J., A.B.	Hood River, Oregon
Hop Lee, Elsie	Salem, Oregon
Jaskoski, Lucille	Salem, Oregon
Jennison, Leon O.	Salem, Oregon
Kelso, Waldo Elsworth	Yakima, Washington

Lewis, Mrs. Minnie Rose.....	Salem, Oregon
Mayo, Benito.....	Philippine Islands
Mickey, Hale.....	Salem, Oregon
Mitchell, Lloyd P.....	Salem, Oregon
Moses, William Edward, A.B.....	Jefferson, Oregon
McCourt, John B.....	Salem, Oregon
McCracken, Esther J.....	Prosser, Washington
Norene, Edwin Hjalmar, A.B.....	Portland, Oregon
Pollock, Dean.....	Gooding, Idaho
Randall, Eva L.....	Salem, Oregon
Remington, Pauline.....	Salem, Oregon
Remington, Roy W.....	Salem, Oregon
Rentfro, Mabel Winifred.....	Salem, Oregon
Richardson, Myrtle Leone.....	Salem, Oregon
Robbins, Danta.....	Salem, Oregon
Robison, K. Ruth.....	Rickreall, Oregon
Rowan, Antonio A.....	Philippine Islands
Rumohr, Louise.....	Leavenworth, Wash.
Seethoff, Margaret.....	Salem, Oregon
Sloop, Perry R.....	Gaston, Oregon
Stayner, Rollin H.....	Portland, Oregon
Steiner, Milton Byrd.....	Salem, Oregon
Stolzheise, R. Merwin.....	Salem, Oregon
Tady, Manuel.....	Philippine Islands
Tarr, Eldora.....	Astoria, Oregon
Tucker, Gertrude Gail.....	Salem, Oregon
Vinson, Willis D.....	Salem, Oregon
Ware, Lila.....	Lebanon, Oregon
Wismar, Martha.....	Roswell, New Mexico
Zarsadias, Sofio.....	Philippine Islands

Summary of Attendance

COLLEGE OF LIBERAL ARTS—

Post Graduates	3	
Seniors	72	
Juniors	55	
Sophomores	105	
Freshmen	251	
Specials	28	514

COLLEGE OF LAW—

Seniors	13	
Juniors	21	
Freshmen	20	54
Registered in College of Liberal Arts	16	38

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Registered in College of Liberal Arts	81	25
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Registered in College of Liberal Arts	32	32
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