

WILLAMETTE UNIVERSITY



SIXTY-EIGHTH YEAR

NEW SERIES

WILLAMETTE UNIVERSITY BULLETIN

(Published Quarterly)

VOL. IV

SALEM, OREGON, JULY, 1911

NO. 1

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General view of the University Campus showing two of the

Willamette University's beautiful scenic setting is in itself a
For the student "The joy of surroundings that keep him b



Court House, Postoffice and State Capitol in the city of Salem with picturesque
edifices set in spacious and



the eight buildings, with the State Capitol on the right.

of a refining and cultural influence.

in bouyant means doubling and trebling his powers."



panoramic view of the residence section in the neighborhood of the splendid
and well cared for grounds.

WILLAMETTE UNIVERSITY

BULLETIN OF INFORMATION

REGISTER - - 1910-1911
ANNOUNCEMENTS 1911-1912

OFFICE OF
WILLAMETTE UNIVERSITY
SALEM, OREGON

1911

SEPTEMBER							OCTOBER							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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31	--	--	--	--	--	--														

1912

JANUARY							FEBRUARY							MARCH						
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14	15	16	17	18	19	20	11	12	13	14	15	16	17	10	11	12	13	14	15	16
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Calendar

1910.

September 27	College of Liberal Arts opened. School of Oratory opened. School of Music opened. Academy opened. School of Theology opened.
October 3	School of Medicine opened. School of Law opened.
November 24-25	Thanksgiving Recess.
December 22	Christmas Vacation began.

1911.

January 3	School work resumed.
January 26	Day of Prayer for Colleges.
February 1-3	Examinations of First Semester.
February 6	Second Semester began.
March 24	Guy Woods, Willamette's Representative, won first place in State Prohibition Oratorical Contest.
March 24-April 3	Spring Vacation.
April 28	Law School won in debate with University of Oregon Law School.
May 1	May Day Exercises.
May 19	Commencement School of Law.
May 30	Memorial Day.
June 1	Choir and Choral Concert.
June 6	Entertainment by School of Oratory
June 7	Commencement School of Theology.
June 11	Baccalaureate Sermon by President Fletcher Homan, D. D. 3:00 p. m.—Farewell Meeting of Christian Associations. 8:00 p. m.—Sermon to Christian Associations by the Reverend Henry Marcotte.

June 12	3:00-5:00 p. m.—Reception by President and Mrs. Homan and Resident Graduates, at Hotel Marion in honor of Dr. F. S. Hoyt, Dr. Asahel Bush, and Dr. John Flinn. 8:00 p. m.—Inter-Society Contest.
June 13	10:00 a. m.—Board of Trustees Meeting. 8:00 p. m.—Graduating Recital by School of Music.
June 14	2:30 p. m.—Alumni Business Meeting. 8:30 p. m.—Alumni Banquet at Hotel Marion.
June 15	2:00 p. m.—Class Day Exercises of Senior Class. 8:00 p. m.—University Commencement Exercises. Address by the Rev. Benjamin Young, D. D.
September 26	College of Liberal Arts opens. Teachers College opens. Teachers' Training School opens. Academy opens. School of Music opens. School of Theology opens.
October 2	School of Medicine opens. School of Law opens.
November 23-24	Thanksgiving Recess.
December 21	3:30 p. m.—Christmas Vacation begins.

1912.

January 2	School Work resumes.
January 25	Day of Prayer for Colleges.
Jan. 31-Feb. 2	Examinations of First Semester.
February 5	Second Semester begins.
February 22	Washington's Birthday, a holiday.
March 22	3:30 p. m.—Spring Vacation begins.
April 2	School Work resumes.
May 1	May Day Exercises.
May 30	Memorial Day
June 7	Examinations of Second Semester begin.
June 9-13	Commencement Week.

Board of Trustees

OFFICERS.

T. S. MCDANIEL, <i>President</i>	Portland
G. F. JOHNSON, <i>Vice President</i>	Portland
A. N. BUSH, <i>Treasurer</i>	Salem
I. H. VAN WINKLE, <i>Secretary</i>	Salem

ELECTED BY THE BOARD.

	Term expires.
A. M. SMITH, Portland	1912
BISHOP C. W. SMITH, Portland.....	1912
W. W. BROWN, Paulina	1912
A. F. FLEGEL, Portland	1912
A. A. LEE, Salem.....	1912
B. L. STEEVES, Salem	1912
T. S. MCDANIEL, Portland.....	1912
P. J. BRIX, Astoria	1912
HON. C. P. BISHOP, Salem.....	1913
R. J. GINN, Portland	1913
HON. C. B. MOORES, Portland	1914
C. F. JOHNSON, Portland	1914
REV. FLETCHER HOMAN, S. T. B., D. D., Salem.....	<i>Ex-officio</i>

ELECTED BY THE ALUMNI.

I. H. VAN WINKLE, A. B., '98, LL. B., '01, Salem.....	1912
LLOYD T. REYNOLDS, A. B., '94.....	1913
BURGESS F. FORD, A. B., '05.....	1914

ELECTED BY THE OREGON CONFERENCE.

REV. W. B. HOLLINGSHEAD, D. D., Portland.....	1911
REV. M. C. WIRE, D. D., Eugene.....	1911
REV. J. W. MCDUGAL, Portland.....	1912
REV. B. F. ROWLAND, D. D., Salem.....	1912
HON. R. A. BOOTH, Eugene	1913
HON. J. ISAAC JONES, Cottage Grove.....	1913
GEN. W. H. ODELL, Portland.....	<i>Emeritus</i>

ELECTED BY THE COLUMBIA RIVER CONFERENCE.

REV. C. O. KIMBALL, D. D., Spokane, Washington.....	1910
REV. M. H. MARVIN, Pullman, Washington.....	1911
REV. WALTON SKIPWORTH, D. D., Portland, Oregon.....	1912

ELECTED BY THE IDAHO CONFERENCE.

HON. B. L. STEEVES, Salem.....	1911
MR. GEORGE A. CLEAVER, LaGrande, Oregon.....	1912
HON. A. E. EATON, LL. D., Union, Oregon.....	1913

ELECTED BY THE PACIFIC GERMAN CONFERENCE.

REV. H. F. LANGE, Walla Walla, Washington.....	1911
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ELECTED BY THE DANISH-NORWEGIAN CONFERENCE.

REV. C. J. LARSEN, Portland	1912
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ENDOWMENT TRUSTEES.

SCOTT BOZORTH	Portland
B. LEE PAGET	Portland
A. M. SMITH	Portland

OFFICIAL VISITORS OF THE STATE OF OREGON TO THE UNIVERSITY.

(University Charter, Section 5)

HON. OSWALD WEST.....	<i>Governor of Oregon</i>
HON. ROBT. EAKIN.....	<i>Chief Justice Supreme Court</i>
HON. F. A. MOORE.....	<i>Justice Supreme Court</i>
HON. THOMAS MCBRIDE.....	<i>Justice Supreme Court</i>
HON. H. J. BEAN.....	<i>Justice Supreme Court</i>
HON. GEORGE H. BURNETT	<i>Justice Supreme Court</i>
HON. BEN SELLING.....	<i>President of the Senate</i>
HON. J. P. RUSK	<i>Speaker House of Representatives</i>

CONFERENCE VISITORS.

Oregon Conference.

REV. L. F. BELKNAP	Medford
REV. JAMES MOORE	Salem
REV. J. H. CUDLIPP	Portland
REV. R. E. DUNLAP	Ashland

Columbia River Conference.

FRANK R. SPAULDING	Hood River
REV. NATHAN EVANS	Pendleton

STANDING COMMITTEES OF BOARD OF TRUSTEES.

Nominations.—A. M. Smith, J. I. Jones, Rev. Walton Skipworth, A. F. Flegel, Rev. C. J. Larsen, L. T. Reynolds.

Faculty.—R. A. Booth, B. L. Steeves, Rev. H. F. Lange, Rev. M. H. Marvin, Hon. Robert Eakin, Rev. J. W. McDougall, Bishop C. W. Smith, A. M. Smith.

Finance.—G. F. Johnson, Dr. Fletcher Homan, P. J. Brix, C. P. Bishop, C. B. Moores, R. J. Ginn, George A. Cleaver, Rev. C. O. Kimball.

Auditing.—B. L. Steeves, A. A. Lee, A. N. Moores.

Buildings.—B. L. Steeves, Rev. W. B. Hollingshead, A. E. Eaton, I. H. Van Winkle, A. A. Lee, B. F. Ford.

Affiliated Colleges.—Dr. Fletcher Homan, Rev. B. F. Rowland, B. L. Steeves, I. H. Van Winkle, Dr. M. C. Wire, R. A. Booth.

Endowment.—R. A. Booth, Dr. Fletcher Homan, A. M. Smith, J. I. Jones, P. J. Brix, R. J. Ginn, W. W. Brown, T. S. McDaniel.

Walks and Grounds.—C. P. Bishop, R. A. Booth, Dr. Fletcher Homan.

Degrees.—Rev. J. W. McDougall, Rev. Walton Skipworth, R. A. Booth, Rev. W. B. Hollingshead.

Executive.—Dr. Fletcher Homan, B. L. Steeves, Hon. Robert Eakin, I. H. Van Winkle, A. A. Lee, Rev. B. F. Rowland.

OFFICERS OF WILLAMETTE ENDOWMENT ASSOCIATION.

C. P. BISHOP.....	<i>First Vice President</i>
R. J. GINN.....	<i>Second Vice President</i>
T. S. MCDANIEL.....	<i>Secretary and Treasurer</i>
E. S. COLLINS	<i>Director</i>
WM. D. FENTON	<i>Director</i>
J. I. JONES	<i>Director</i>
A. M. SMITH	<i>Director</i>
SAMUEL CONNELL	<i>Director</i>
R. A. BOOTH	<i>Director</i>

ALUMNI OFFICERS FOR 1911-12.

BURGESS F. FORD, '05.....	<i>President</i>
MATTIE F. BEATTY, '98.....	<i>Vice President</i>
HUBBARD BRYANT, '72.....	<i>Vice President</i>
EDWARD H. BELKNAP, '84.....	<i>Vice President</i>
ELEANOR COLONY, '10.....	<i>Secretary</i>
ROBERT S. EAKIN, '09.....	<i>Treasurer</i>
MRS. VALLEDA OHMART, '73; I. H. VAN WINKLE, '98.....	<i>Executive Committee</i>

Faculty

FLETCHER HOMAN,

A. B. and A. M., Simpson College; S. T. B., Garret Biblical Institute; D. D., Upper Iowa University; Vice President Simpson College 1905-1908

President of the University.

EDWARD H. TODD,

B. S. and M. S., Simpson College; S. T. B., Boston University School of Theology; D. D., Simpson College; Corresponding Secretary University of Puget Sound, 1905-09

Vice President of the University.

College of Liberal Arts

GAYLARD H. PATTERSON, DEAN,

A. B., Ohio Wesleyan University; A. M., Harvard University; Sometime Fellow in Harvard; S. T. B., Boston University; Ph. D., Yale University

History and Social Science.

FREDERIC CRAMER,

A. B., University of Cincinnati; A. M., Berea College; Graduate Student University of Cincinnati 1896-97, also Drew Theological Seminary 1899-01, University of Halle and Berlin 1904-06

Philosophy and Education.

FLORIAN VON ESCHEN,

Ph. B. and Ph. M., Simpson College; Graduate Student University of Chicago 1905-07, also Washington University 1907-08

Physics and Chemistry.

M. E. PECK,

A. B., Cornell College; A. M., Cornell College; Research work in Central America three years collecting specimens for University of Iowa and other institutions

Biology.

W. E. KIRK,

A. B. and A. M., University of Nebraska; Graduate Student Columbia University 1902-05

English Language and Literature.

J. T. MATTHEWS,

A. B. and A. M., Willamette University; Professor in Willamette University 1893—

Mathematics.

MARY P. BARNETT,*

A. B., University of Kansas; A. M., University of Chicago; Graduate Student University of Minnesota 1904, Stanford University 1905

Latin.

EDWIN SHERWOOD,

A. B. and A. M., Ohio Wesleyan University; B. D., Drew Theological Seminary; Graduate Student Leipsic 1894-5

Greek.

*Resigned.

WILLIAM J. KELLER,

A. B. and A. M., Northwestern University; Graduate Student University of Chicago
1902-04; Sometime Fellow in Northwestern University,
also in University of Chicago

Modern Languages.

JOHN OVALL, M. L.,

Swedish Language.

MARY E. REYNOLDS,

B. S., Willamette University; Professor in Willamette University 1893—
Teacher Training.

SARA BROWN SAVAGE,*

O. B. and O. M., Emerson College of Oratory
Dramatic Expression.

GRACE HARRIS KELLER, DEAN OF WOMEN,

A. B. and A. M., Northwestern University; Matron of Lausanne Hall 1910-11
Assistant in English.

STELLA A. CHAPPELL,

A. B., Northwestern University
Matron of Lausanne Hall; Assistant in Academy

G. J. SWEETLAND, M. D.,

B. L., Hobart College
Physical Director.

MARGARET GILL and ADELLA R. FULLER,

Instructors in Art.

JAMES LISLE,

A. M., Iowa Wesleyan University; Ph. D., Hedding College
Librarian.

School of Music

FREDERIC S. MENDENHALL, DEAN,

A. B. and A. M., Ohio Wesleyan University; Three years Columbia University,
New York; One year Oxford University, England

Piano, Organ, Theoretical Subjects.

MYRTLE L. MENDENHALL,

Several years musical study in New York and Chicago under leading musicians

Professor of Voice Culture.

°

.....
Professor of Violin.

°

.....
Assistant in Piano and Voice.

*Resigned.

°To be supplied.

School of Oratory

SARA BROWN SAVAGE,*

O. B. and O. M., Emerson College of Oratory

Dean and Professor of Oratory and Dramatic Expression.

School of Theology

HENRY D. KIMBALL,

D. D., Allegheny College; LL. D., Nebraska Wesleyan University and Dallas College

Dean and Professor of Systematic and Practical Theology.

EDWIN SHERWOOD, A. M., B. D.,

Professor of New Testament Greek and Exegesis.

EVERETT S. HAMMOND,

A. B. and A. M., Ohio Wesleyan University; S. T. B., Boston University;
Ph. D., Illinois Wesleyan University

Professor of Historical Theology.

School of Medicine

WILLIAM HENRY BYRD, M. D.,

Professor of Surgery, Surgeon to Salem Hospital and Dean of Faculty.

JOHN N. SMITH, M. D.,

Professor of Theory and Practice of Medicine.

ANGUS B. GILLIS, M. D.,

Professor of Ophthalmology, Rhinology, Otology, and Laryngology.

LEWIS FRANKLIN GRIFFITH, M. D.,

Professor of Nervous and Mental Diseases.

WILLIAM CARLTON SMITH, A. B., M. D.,

Professor of Anatomy.

AUGUSTUS E. TAMIESIE, M. D.,

Professor of Materia Medica and Therapeutics.

FRANK ELDON SMITH, M. D.,

Professor of Obstetrics.

CHARLES OLIVER BOYER, A. B., B. S.,

Professor of Chemistry and Toxicology.

HARVEY J. CLEMENTS, M. D.,

Professor of Bacteriology and Pathology.

*Resigned.

ORLA B. MILES, M. D.,
Professor of Physiology.

HARRY E. CLAY, M. D.,
Professor of Diseases of Women.

JAMES H. ROBNETT, M. D.,
Professor of Pediatrics.

JOHN C. EVANS, M. D.,
Professor of Physical Diagnosis and Diseases of the Chest.

P. H. D'ARCY, A. B.,
Lecturer on Medical Jurisprudence.

ROY D. BYRD, M. D.,
Professor of Genito-Urinary Diseases, Syphilis and Osteology.

GROVER C. BELLINGER, M. D.,
Professor of Histology and Embryology.

J. H. FAIRCHILDS, M. D.,
Assistant Instructor in Medicine.

G. J. SWEETLAND, B. L., M. D.,
Instructor in Hygiene and Sanitation.

RAY L. PEMBERTON, M. D.,
Assistant Instructor in Histology.

School of Law

C. L. McNARY, *Dean.*

GEO. G. BINGHAM, LL. B.,
Code Pleadings.

JOHN H. McNARY, LL. B.,
Corporations.

JOHN BAYNE, LL. B.,
Common Law Pleadings and Practice Work.

W. E. KEYES, LL. B.,
Negotiable Instruments and Criminal Law.

M. E. POGUE, LL. B.,
Evidence.

C. M. INMAN, LL. B.,
Equity.

I. H. VAN WINKLE, A. B., LL. B.,
Torts and Constitutional Law,

C. L. McNARY, LL. B.,
W. L. SPAULDING, LL. B.,
Code.

C. L. McNARY, LL. B.,
W. C. WINSLOW, LL. B.,
Common Law and Real Property.

J. G. HELTZEL, B. S., LL. B.,
Contracts.

ROY F. SHIELDS, LL. B.,
Sales.

Administrative Officers of the University

FLETCHER HOMAN, A. M., S. T. B., D. D.,
President of the University.

EDWARD H. TODD, M. S., S. T. B., D. D.,
Vice President of the University.

GAYLARD H. PATTERSON, A. M., Ph. D.,
Dean of College of Liberal Arts.

HENRY D. KIMBALL, D. D.,
Dean of School of Theology.

F. S. MENDENHALL, A. M.,
Dean of School of Music.

W. H. BYRD, M. D.,
Dean of School of Medicine.

C. L. McNARY, LL. B.,
Dean of School of Law.

Lectures and Addresses for 1910-1911

BY

The Reverend Thomas B. Nicholson, D. D., Secretary of the Board of Education of the Methodist Episcopal Church, New York City.

President William H. Crawford, D. D., LL. D., Allegheny College, Meadville, Pa.

The Reverend J. W. Hancher, D. D., ex-President Iowa Wesleyan University.

Albert R. Sweetzer, M. A., Professor of Botany, University of Oregon.

The Reverend R. N. Avison, D. D., Pastor of First Methodist Episcopal Church, Salem, Oregon.

Rollin K. Page, Manager Portland Railway, Light & Power Company.

Gale Seaman, Coast Secretary Y. M. C. A.

Mrs. H. L. Hill, General Organizer Woman's Home Missionary Society.

Elton Fulmer, A. M., State Chemist, Pullman, Washington.

Miss Eleanor Miller, Eleanor Miller School of Oratory, St. Paul, Minn.

General Information

HISTORICAL.

1834.

Jason Lee opened an Indian Mission School in a log cabin ten miles below the present site of Salem.

1842.

The Indian Mission School was moved to what is now the campus of Willamette University and was conducted in a \$10,000 frame house.

The white settlers of the Willamette Valley planned a school for their own children, elected a board of trustees, subscribed funds, decided to call the institution The Oregon Institute, resolved that it should grow into a college, and began to look about for a suitable location.

1844.

The Trustees of the Oregon Institute bought the Indian Mission School property and it was immediately opened as a school for white children.

1853.

By act of the Legislative Assembly of the Territory of Oregon, Willamette University was established with the Oregon Institute as a preparatory school.

1859.

The first class was graduated from the College of Liberal Arts.

1864.

The chapel building was begun. At the laying of the cornerstone Governor Gibbs delivered the address. The Greek-cross form of the building was suggested by Bishop Janes at his last visit.

1867.

April.—The School of Medicine, which had been giving instruction for two years, was formally organized.

July.—The first honorary degrees conferred by the University were given. Hon. George H. Williams, United States Senator; Hon. M. P.

Deady, United States District Judge, and Hon. A. C. Gibbs, ex-Governor of Oregon, received the degree of LL. D.

1884.

The School of Law was established.

1905.

The brick building occupied by the Schools of Medicine and Law was erected, being the gift of the citizens of Salem.

1906.

The building for the use of the School of Theology was erected. Mrs. Luella D. Kimball, wife of Rev. H. D. Kimball, Dean of the School of Theology, presented this structure to the University.

1907.

A large building was placed upon the campus for the use of the School of Music. W. W. Brown, of Paulina, Oregon, presented this building to the University.

1908.

Hon. A. E. Eaton, of Union, Oregon, in September, began a magnificent College of Liberal Arts Building on the campus, at a cost of \$50,000. Mr. Eaton paid the total cost of this building, which was ready for use when school opened in September, 1909. This building is one hundred fifty feet long and three stories high above the basement, fronts the State Capitol, and is called Eaton Hall.

Willamette has been richly honored in the success and high positions attained by her children.

Among the thousands of former students and over a thousand graduates from her different departments are numbered preachers, missionaries, teachers, professors, congressmen, judges of County Courts, of Superior Courts, of Circuit Courts, of Supreme Courts, of United States District Courts, editors, authors, explorers, municipal officers, physicians, United States Senators, Governors, United States Attorneys, Consuls, Secretaries of State, United States Surveyors General, Presidents of State Senate, Speakers of House of Representatives, and scores of prominent and successful citizens.

LOCATION.

The location of Willamette University is ideal. Salem is the capital city of Oregon with 15,000 inhabitants. It is on the main line

of the Southern Pacific railroad, and also on the Oregon Electric, fifty miles south of Portland, Oregon, and is easily reached. The city is rich in historic associations, filled with good homes, beautiful in landscape, made up of intelligent citizens, and has a good moral and religious atmosphere.

The legislature, the higher courts, the public libraries, the numerous resident officials of county and state, the eminent traveling lecturers and musicians, the manufactories and commerce, the state institutions give students a liberal education in practical affairs.

Salem is pre-eminently a city of schools. Counting Willamette University as one, there are ten schools, academies and colleges within the boundaries of Salem and near its borders.

The University is located on high ground near the center of the city, convenient to postoffice and depot and just across the street from the Capitol. The location is ideal and beautiful and inspires to refinement and culture.

BUILDINGS.

Eaton Hall, the new College of Liberal Arts Building, is the most beautiful public building in Salem. It is built of red pressed brick and gray stone. The arrangement of the interior and the method of heating are thoroughly modern. It is one of the finest educational buildings in Oregon.

The Chapel Building is a large brick and stone structure, five stories high. It contains about thirty rooms, used for chapel, laboratories, recitations, and for the literary societies and Christian Associations.

The Medical and Law Building is a three-story brick and stone building with ample accommodations and equipment for carrying on the Medical and Law Schools.

The Theology Building, the gift of Mrs. Luella D. Kimball, occupies a delightful situation just across the street from the Capitol grounds. It is well equipped for conducting the work of the Theological School.

The Music Building is well arranged for conducting the School of Music. It was the gift of Mr. W. W. Brown, of Paulina, Oregon, and meets the needs of the University in every respect.

The Ladies' Hall is a commodious building of four stories, with present accommodations for twenty-five to thirty women. It is comfortably furnished throughout and affords a congenial home.

The Gymnasium is being enlarged and remodelled so as to be fully adapted to the requirements of physical training and athletics. When completed it will be one of the best gymnasiums on the Pacific Coast.

Willamette Athletic Field is one of the best to be found. It is well fenced, contiguous to the Gymnasium, has a quarter-mile running track, a fine baseball diamond and football field, and large grandstands. It is complete in every way.

GOVERNMENT.

The University aims to maintain a high standard of conduct for the good of all its students.

In the internal management of the affairs of the institution appeal is always to the reason and conscience of all concerned. The students are recognized as having moral sense and ideas of propriety. Principles of honor are inculcated. Christian courtesy is encouraged. The regulations are such as everywhere govern the conduct of ladies and gentlemen of high ideals. The atmosphere of Willamette University is not congenial to any other class of students.

Matriculation presupposes a willingness to conform to the rules and usages of the University.

RELIGIOUS LIFE.

Membership in any church whatever is not required. Students of any and every religious belief are admitted to the University and in nowise is there any discrimination.

The University is devoted to Christian culture, but is not sectarian. Devotional exercises are observed each school day in the Chapel.

Special religious meetings are conducted during the year at the discretion of the President and faculty.

The Salem churches take a special interest in the students, both in regular services and in the Sunday schools. Students are advised to attend the church of their choice on the Sabbath day.

STUDENT ENTERPRISES.

The Student Body is the organization of all the students of the University. This organization, under the supervision of the President and faculty, has control of general student affairs, such as athletics, the business management of the Collegian, inter-collegiate debates, and oratorical contests.

The Collegian is the college paper, published weekly. The editors and business manager are elected by the Student Body.

The Young Men's and the Young Women's Christian Associations are strong organizations and do effective work. They give especial attention to new students, meeting them at trains, helping them to locate, and making every effort to help them feel at home in Salem.

The Girls' Student Association is composed of members of the Colleges and Academy. Its purpose is to foster social life.

The Oratorical Association of the Colleges, in connection with the Inter-collegiate Association, conducts the local oratorical contests.

The Literary Societies, four for the Colleges and two for the Academy, afford opportunity for such work as is usually undertaken by such organizations. They have pleasant and well-furnished halls.

OPPORTUNITIES FOR SELF-HELP.

Salem people are loyal in every way to the University. Young men and young women who are desirous of finding places where they may earn all or a part of their living expenses find many and various methods of earning money. Some young women find comfortable homes with families who expect a reasonable service in the domestic affairs of the home in return.

There is a limited amount of labor for students about the buildings and grounds, and the faculty cheerfully help to secure places where students may earn money. Those who are unable to secure funds enough in advance for a year's expenses need not be deterred from beginning the year.

The President will gladly communicate with young men or young women desirous of working their way.

LOANS AND SCHOLARSHIPS.

STUDENT AID.

Every means is taken to assist worthy students to secure an education. It is realized by the President and the faculty that some of the best men and women we have are those who have worked their way through schools and colleges, and have thus put themselves in a position to be more useful. At our own University many of the boys and girls are working their way, and these rank among the best in the University.

BOARD OF EDUCATION.

One source of student aid in our school is the fund held by the Board of Education of the Methodist Episcopal Church. This fund is loaned to worthy Methodist boys and girls, upon such conditions that the loans are not at all burdensome.

BOOTH FUND.

In addition to that which has been mentioned above, Hon. R. A. Booth, of Eugene, Oregon, placed in the hands of a special trustee \$1000 to be loaned to properly recommended students. This fund has accomplished great good, as several of our students would have been compelled to leave the University had it not been for the help secured from this fund.

THE HOME SCHOLARSHIP.

The Oregon Children's Aid Society has made Willamette University trustee to handle a fund of approximately \$8000, the interest of 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 succeed in maintaining a standard of scholarship that is above the average.

ATHLETICS.

The need of physical exercise and training is apparent and universally conceded. 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 participants. A good gymnasium, and one of the best athletic fields in the country are among the advantages offered by the University. Classes in systematic gymnasium work are conducted by a competent director in the employ of the University.

Students having unsatisfactory scholastic rank may be debarred from match games.

LAUSANNE HALL.

(Named for the ship which brought missionaries to Oregon).

This is a home-like and pleasant dormitory for young women. The rate per year for board and room is \$160, payable quarterly in advance. Applications for rooms should be made early as they are considered in the order in which they are received.

BOARDING CLUBS.

A co-operative club of fifty young men has succeeded in securing satisfactory board at \$2.25 per week. Some young men room in the Chapel Building on the fourth floor at moderate rates.

LABORATORIES AND MUSEUM.

In all progressive schools of modern times well-equipped laboratories form a principal element of strength in theoretical and applied sciences. It is gratifying to note the progress Willamette University has made in the last few years in fitting up its laboratories.

The biological laboratory is supplied with gas, electricity, good tables and sinks, dissecting microscopes, compound microscopes, microtome, and other articles ordinarily used in microscopic and histological work.

In the department of physics our laboratory is well equipped with working apparatus for the use of students in a strong course extending over more than three years of continuous work. The idea of practical experiments along engineering lines is introduced in the preparatory course and continued throughout the work; such, for instance, as strength of materials, elasticity of bending and torsion, coefficient of expansion, moment of inertia, etc. Besides the ordinary apparatus in electricity the laboratory is equipped with complete

apparatus for X-ray work and wireless telegraphy, as well as with high-grade instruments for accurate quantitative measurements in both electricity, mechanics, light, sound and heat; thus opening to the student special fields of investigation beyond the three years of fundamental work. It is the purpose of the department to have the student lay a thorough foundation in fundamental principles, and to this end the courses are arranged to cover the ground, as near as conditions will permit, of the freshman and sophomore years as offered by our leading universities.

In Chemistry the laboratory equipment is ample for all the work of college grade commonly offered. The laboratory has been changed to the second floor of the old College Building, occupying the entire south half of the building. The laboratory is arranged with private desk and lockers, set of reagents and apparatus, gas burner, etc., for each student; also a very large supply of chemicals for the sidetable, high-grade balance for delicate quantitative analysis, etc. We have also installed a new assay outfit and are in a position to give a thorough course in assaying. Additions are being made from time to time in order to keep abreast with the general development of the science.

Several high-grade instruments have been secured for the surveying department, including the Y-level and engineer's transit with solar attachment, etc., sufficient for all necessary field work for a course extending through two years, and including plane surveying, mine surveying, hydrographic surveying, and railroad surveying.

The department of astronomy has instruments illustrating the meridian circle, altitude-azimuth instrument, sextants, globes and several small telescopes.

The department of geology has arranged a collection of fossils, rocks and minerals, consisting of about one thousand specimens, for use in the study of geology and mineralogy. The professor of geology would like to correspond with any persons having any specimens of rocks or minerals which they would be willing to add to this collection.

MUSEUM.

A splendid collection of birds and animals from Central America, many interesting Indian relics, and numerous specimens for the herbarium have been added during the year to the valuable collection in the museum.

LIBRARIES.

About 90,000 volumes are available to students in the following libraries: The University Library, containing over 11,000 volumes; the library of the Kimball College of Theology, containing 3,000

volumes; the State Library, containing 50,000 volumes, and the collection of the State Library Commission amounting to about 15,000, both adjoining the campus to the north. The new Carnegie Library building to be erected this summer adjoining the campus to the west will contain 10,000 volumes.

These libraries are courteously opened to students.

UNIVERSITY EXTENSION.

This movement has spread into many sections of the country in connection with colleges and universities as centers. The aim is:

First—To extend higher education to all classes of people.

Second—To extend education through the whole of adult life.

Third—To extend thorough methods of study to subjects of everyday interest.

University extension is designed to help those who desire definite instruction but cannot take a long or regular course.

A beginning in this department has been made in Willamette, a call for such work in economics having been made by a number of prominent people in Salem, with the result that a division was organized. Courses in Economics, Sociology, and Bird Study have been given.

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 a course of study outlined by the head of the department in which the major is taken, or they must present evidence of having done post-graduate work equivalent to such course.

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

5. Candidates must submit an acceptable thesis to the professor under whom the work is done not later than May 15th. The thesis must be approved by the Committee on Graduate Work.

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

For information concerning fees and other conditions, address the President of the University.

College of Liberal Arts

FLETCHER HOMAN, A. M., S. T. B., D. D., *President*.

GAYLARD H. PATTERSON, A. M., Ph. D., *Dean*.

The faculty, the work of heads of departments, the library, the laboratories, the income and other conditions are such as meet the requirements for standardization in the resolutions adopted by the conference of the Chief State School Officers of the North Central and West Central States, at Salt Lake City, November 17, 18, 19, 1910.

RECOGNITION OF DIPLOMAS FROM STANDARD COLLEGES AND UNIVERSITIES.

Any diploma from a standard college or university granted upon the completion of a 120-hour course including 15 hours in education shall be recognized.

DEFINITION OF A STANDARD COLLEGE OR UNIVERSITY.

To be considered a standard college all of the following conditions must be fully met:

1. The completion of a four-year secondary course above the eighth grade shall be required for college entrance.
2. The completion of 120 semester hours shall be required for graduation.
3. The number of class hours for the heads of departments or for students shall not exceed 20 a week.
4. A faculty properly qualified shall consist entirely of graduates of standard colleges and each head of a department shall hold at least a master's degree from a standard college or have attained eminent success as a teacher, which success shall be determined by the chief state school officer of the state in which the institution is located.
5. The library shall consist of at least 5,000 volumes, selected with reference to college subjects and exclusive of public documents.
6. The laboratory equipment shall be sufficient to establish efficient laboratories in all laboratory courses offered.
7. The means of support is defined as requiring a permanent endowment of not less than \$200,000, or an assured fixed annual income exclusive of tuition, of at least \$10,000; *provided*, that this requirement shall not be mandatory until five years after the institution has been recognized. The college must maintain at least seven separate depart-

ments or chairs in the arts and sciences. In case the pedagogical work of the institution is to be accepted for certification, the college must maintain at least eight chairs, one of which shall be devoted exclusively to education or at least to philosophy, including psychology and education. The head of each department shall, in no case, devote less than three-fourths of his time to college work.

ENDOWMENT AND INCOME.

The regular income of the College of Liberal Arts from endowment and other sources, exclusive of tuition, is over \$15,000.00, with prospects of a five hundred thousand dollar endowment in the near future.

TERMS OF ADMISSION.

A testimonial of good character is required of every student matriculating in Willamette University.

Every new student should bring a certificate of scholarship. This certificate should state: (1) Each study pursued; (2) the text-book used; (3) the number of weeks devoted to the text-book and the number of recitations each week; (4) the length of the recitation period; (5) the portion of the text-book covered by the recitation; (6) the grade which the student has secured in each study; (7) the name of the school at which the studies were pursued; (8) the name of the teacher under whom the work was done.

It is very important that students register promptly upon the opening day of the semester, and every student is expected to be in attendance at the first recitation of the semester.

An extra fee of \$1.00 will be charged each student who fails to register during the first week of the semester.

Registration in the office of the President is required of all students in the colleges and various affiliated Schools of the University.

REQUIREMENTS FOR ENTRANCE.

For entrance to the Freshman class fifteen units, or one hundred and fifty semester hours, are required. If a student presents thirteen units he may rank as a conditional Freshman, but should make up the remaining units at the earliest opportunity. A unit is earned by carrying a subject five times a week (not less than forty minutes each), for one year.

Graduates from accredited high schools whose courses vary somewhat from those of our Academy may, if they offer the full fifteen units, so adjust their work that graduation is possible in four years.

The following specific requirements are, however, insisted upon: English, 3 units; Foreign Language, 2 units; Algebra, $1\frac{1}{2}$ units; Plane Geometry, 1 unit; History, 1 unit; Physics, 1 unit. The re-

maintaining 5½ units may be elected from subjects offered by accredited high schools, 2 units of which should be Foreign Language,* thereby reducing the number of units to be taken in college.

Candidates for advanced standing must give evidence of fitness either by examination or by credentials from another institution.

GRADUATION.

The completion of 120 semester hours, exclusive of physical training, above the Academy courses, with all entrance requirements satisfied, is required for graduation from any course.

A semester hour is one recitation period (one hour in length) per week for one semester.

COLLEGE COURSES.

The departments of study are arranged in the following groups, either of which leads to the degree of Bachelor of Arts:

I.	II.	III.
LANGUAGE AND LITERATURE.	PHILOSOPHICAL.	SCIENTIFIC.
English	Philosophy	Mathematics
English Literature	Psychology	Botany
Biblical Literature	Ethics	Zoology
Latin	Education	Physiology
Greek	History	Physics
German	Economics	Chemistry
French	Sociology	Geology
Spanish	Political Science	Astronomy

For graduation from the College of Liberal Arts the requirements are the satisfactory completion of

1. A few prescribed subjects, as fundamental:

English, 10 hours**	Mathematics, 6 hours
English Bible, 6 hours	Philosophy, 6 hours
European History, 6 hours	Science, 6 hours
Foreign Language, 12 hours°	

To be taken in Freshman and Sophomore years as indicated on opposite page.

2. Required electives within each of the three groups.

In the Junior and Senior years as indicated on opposite page.

3. A major of not less than eighteen hours nor more than twenty-four hours (according to the work done in the department in the

*Students preparing for the University are strongly urged to take at least two years of Latin, which is definitely required for the Language and Literature Group.

**Four hours in the Scientific Group.

°Students who offer only two units of Foreign Language for admission will be required to take two additional years before graduation, making a total of six years Foreign Language (including that offered for admission), required for the degree of A. B.

Freshman and Sophomore years) which may consist wholly of studies in one department (if offered), or partly of studies in a cognate department, so chosen as to make a consistent program. The studies constituting the major are to be elected with the approval of the head of the department in which the major is taken.

4. Sufficient free electives to make a total of at least 120 semester hours.

At the end of his sophomore year every student shall present at the office of the President an outline of the studies which he proposes to pursue during his last two years.

Suggestive Outline of Courses Leading to the A. B. Degree*

(Stated in semester hours, one-half being taken each semester).

I. LANGUAGE AND LIT- ERATURE GROUP. (Classical)	II. PHILOSOPHICAL GROUP.	III. SCIENTIFIC GROUP.
Freshman.	Freshman.	Freshman.
Latin or Greek..... 6 English Literature 6 Rhetoric 4 English Bible 2; Intro- duction to Philosophy 2 4 Mathematics ^o 6 Public Speaking 4	Foreign Language 6 English Literature 6 Rhetoric 4 English Bible 2; Intro- duction to Philosophy 2 4 Mathematics ^o 6 Public Speaking 4	French or German. 10 or 8 Chemistry 6 Rhetoric 4 English Bible 2; Intro- duction to Philosophy 2 4 Mathematics ^o 6 Public Speaking 4
Sophomore.	Sophomore.	Sophomore.
Latin or Greek..... 6 Language or Literature 8 European History 6 Psychology 4 Zoology 6	Foreign Language 6 Language or Literature 8 European History 6 Psychology 4 Zoology 6	French or German..... 6 Trigonometry 4, Analy- tics 4 8 European History 6 Psychology 4 Zoology 6
Junior and Senior.	Junior and Senior.	Junior and Senior.
Electives required in— Language and Literature Group 16 Philosophical Group... 10 Scientific Group 10	Electives required in— Philosophical Group .. 16 Scientific Group 10 Language and Literature Group 10	Electives required in— Scientific Group 16 Language and Literature Group 10 Philosophical Group... 10

A Major and Free Electives sufficient to complete the total number of semester hours required for graduation.

It is designed by the requirement of prescribed subjects to lay a broad foundation for a liberal education and by the requirement of certain hours in each group (not subjects, which are elective within the groups) to bring the student into fuller contact with the main

*Those who specialize in the Sciences even more than is possible in the Scientific Group leading to the A. B. Degree and take less Foreign Language, will be given the B. S. Degree.

^oSee Department.

||Four hours Biblical Literature (Prescribed) may be taken in the Sophomore year.

divisions of modern study, thereby securing breadth of culture, while the requirement of a major secures concentration and continuity in some one department as a field of specialization.

Certain credits are given for work in the Schools of Theology, Law, Medicine, and Music. Students in these schools, which are all on the campus, thereby affording unusual opportunities, are permitted to elect work in the College of Liberal Arts. Students in the College of Liberal Arts may elect work in these schools.

Attention is directed to the fact that while the University offers unusually strong courses in the Liberal Arts it affords special advantages to students in these courses through the proximity of the professional schools. Undergraduates are aided in the choice of their life work and receive valuable help after their choice is made by their contact with members of these schools besides having the advantage of that inspiration which comes from association with graduate and professional workers.

TUITION AND FEES.

Tuition in College of Liberal Arts, \$20 per semester; \$40 per year.

An incidental fee of \$10.00 each semester is charged each regular College student.

A Student Body fee of \$1.50 each semester must be paid at the time of registration.

Laboratory fees: Chemistry, Physics, Biology, \$3.00 per semester.

A breakage deposit of \$5.00 is required of all students in Chemistry. Diploma, \$5.00.

Dependent children of ministers in the regular work of the ministry, and students preparing for the ministry, who are duly recommended by the church in which they hold membership, pay one-half the regular tuition.

Students should come prepared to pay their tuition and other fees on registration each semester.

EXPENSES.

The following are estimates of the principal expenses for one college year of thirty-six weeks:

	<i>Low.</i>	<i>Average.</i>	<i>High.</i>
Board and room, with fuel and light.....	\$ 90	\$126	\$180
Tuition and incidental fees	60	60	60
Books	6	8	15
Fees	6	12	18
	<hr/>	<hr/>	<hr/>
	\$160	\$204	\$270

The \$90.00 estimate is based on boarding one's self.

A few students succeed in reducing expenses a little below the lowest estimate above.

SPECIAL STUDENTS.

Williamette University, having been built up on the model of the eastern college, though it has broadened its courses, continues to cultivate the humanities with zealous care. In keeping with this ideal it recognizes the importance of affording those young people preparing for the fields of public service, Christian work, journalism, engineering, business and administration, who do not pursue a course in liberal arts, the opportunity of laying foundations for these various fields of activity in connection with the pursuit of non-technical studies that serve to develop a general education and cultivate the thinking powers of the student.

Public Service, Social or Political, and Business Administration may be prepared for by a study of economics, finance, taxation, transportation, sociology, political science, and certain legal subjects.

Christian Work may be prepared for by a study of Biblical History and Literature, History of Religions, Philosophy of Religion, Evidences of Christianity, etc.

Journalism. No technical course in Journalism is offered, yet a liberal foundation may be laid in the study of English, English Literature, Psychology, Logic, Ethics, Sociology, Political Science, and certain subjects in law, medicine and theology.

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

Applicants for particular studies who are indifferent to the degree will be admitted, so far as they are qualified, to such subjects as they may choose. If such students should subsequently desire to become candidates for the degree they will receive credit for all work done. Students of this class cannot change their relation to that of candidates for the degree except by examination upon presupposed work, including the requirements for admission.

The University registration fee of \$2.00 each semester is required of special students.

Description of Courses

PHILOSOPHY AND EDUCATION.

FREDERIC CRAMER, *Professor.*

1. *Introduction to Philosophy.* This course is a simple introduction to the several lines of philosophical study. It is required of Freshmen and of all those special students who wish to do advanced work in this department. Two hours, second semester. (Every year).

2. *Psychology*. The course undertakes a scientific study of the phenomena of consciousness, showing their relation to physiological processes, but also emphasizing the peculiar nature of the psychical—following Ladd's Outlines of Psychology. Experiments to illustrate the text will be introduced as far as possible. Two hours throughout the year. Required of all Sophomores. Students who have not taken Physiology as part of their high school work should arrange for such a course during their Freshman year. (Every year).

3a. *Logic—Deductive and Inductive*. The aim of the course is to give the student an insight into the forms of thought, to aid him in correct thinking and to furnish him a basis for systematic thought by presenting the methods of science. A text-book is used and ample practice in syllogistic reasoning is given. Three hours, first semester. Primarily for Juniors. (1912-13).

3b. *Christian Ethics*. A study of the Ethics of the New Testament and of Theology. The relation of Christian Ethics to the social problems is emphasized. Three hours, second semester (1912-13).

4a. *Metaphysics*. Ontology, the relation of body and soul, time, space, the nature of the soul—these are problems which come up here for systematic study. For advanced students. Three hours, first semester. (1911-12).

4b. *Ethics*. The aim is by analytical study of various ethical theories to gain correct principles of ethical conduct and to show their application in various fields of life. Three hours, second semester. (1911-12).

5. *History of Philosophy*. From the beginnings of Greek philosophy to modern times. A clear presentation of the main systems and of the development of these systems, together with the general development of thought and civilization is the aim. Course 1 must precede this course. Three hours throughout the year. (1912-13).

6. *Evidences of Christianity*. The existence of a Personal God; justification of the belief in a divine Christ; and value of the Christian religion. Two hours, first semester. (1911-12).

7. *Psychology of Christian Life*. A study of the subjective basis of religious life. Three hours, second semester. (1911-12).

8. *Educational Psychology*. A study of the developing mental life in direct relation to the art of teaching to aid the student in thinking out educational problems from the point of view of the mental development. Course 2 or its equivalent *prerequisite*. Two hours, both semesters.

9a. *History of Education*. This course traces the development of educational thought from the earliest to modern times. The purpose is to give a perspective view and true understanding of modern educational agencies and forces. Two hours, first semester.

9b. A study of modern educational standards and institutions with special emphasis upon educational systems in the United States, including the principal foreign influences which have affected the same. Two hours, second semester.

10. *Principles of Teaching*. The course aims to furnish the prospective teacher with the fundamental principles and facts underlying the teaching process and to organize these into a comprehensive, reasonable and coherent system. Three hours, first semester.

PHYSICS.

F. VON ESCHEN, *Professor*.

1. *Mechanics, Sound, and Heat*. Lectures, recitations and laboratory work. This is the first half of a course covering the entire subject. The purpose is to lay a foundation of general principles in view of further study through advanced courses and laboratory work, and to furnish a body of physical knowledge and an introduction to the scientific method and spirit suited to the needs and aims of a liberal education. Entrance Physics is required. A laboratory fee of \$3.00 is charged for this course. Three hours, first semester.

2. *Electricity, Magnetism, and Light*. Lectures, recitations and laboratory work. This course completes the general view of Physics which the first year's work is designed to give, and aims to furnish that acquaintance with electric, magnetic, and optical phenomena and theory and with their practical applications, which is desirable for the liberally educated man, and necessary for the special student in science. Course 2 must be preceded by Course 1. A laboratory fee of \$3.00 is charged for this course. Three hours, second semester.

3. *Methods*. Lectures, observation of actual teaching in high schools and practice work in laboratory. One hour, second semester.

4. An advanced course in Mechanics.

5. An advanced course in Electricity and Magnetism.

6. An advanced course in Heat, Light, and Sound.

Courses 4, 5 and 6 may be taken by students prepared for the same. For requirements, hours, and fees, consult the head of the department.

CHEMISTRY.

F. VON ESCHEN, *Professor*.

1 and 2. *General Advanced Inorganic Chemistry*. Lectures, recitations and laboratory work. This course deals with the fundamental facts and principles of the science. Lectures are given and recitations required, either upon the lectures or upon subjects assigned in the text-book. The laboratory work is arranged to illustrate and confirm

the subjects considered in the lecture room. The principal elements, both non-metallic and metallic, are studied, and their chemical combinations considered. Students take full notes of their work and are examined upon it. A laboratory fee of \$3.00 per semester is charged. Three hours, throughout the year.

Chemistry 1 and 2 are open only to students who have received entrance credits in Chemistry. Others may acquire the same qualifications for advanced work by taking Academy Chemistry in connection with supplemental work offered by the department.

3 and 4. *Qualitative Analysis*. This course consists of a systematic study of the principal metals and acids and methods for detecting them in simple and complex mixtures. Lectures and laboratory work. A laboratory fee of \$5.00 per semester is required. Three hours, throughout the year. This course alternates with Courses 5 and 6.

5. *Quantative Analysis*. An accurate determination of some of the elements of simple compounds both by gravimetric and volumetric methods. Prerequisites, Courses 1 and 2. Three hours, first semester. A laboratory fee of \$5.00 per semester is charged.

6. *Assaying*. This course comprises silver and gold extraction by scorification and crucible methods; fire assay of copper, lead and tin, extraction of gold from ores by the amalgamation, the chlorination, the cyanide and the electrolytic process. A fee of \$6.00 per semester is required. Four hours, second semester. Hours to be arranged. Prerequisites, same as for Course 5.

7. *Methods*. The student is acquainted with the aim, method and apparatus in connection with the work of teaching. One hour, first semester.

8. *Water and Milk Analysis*.

9. *Iron, Steel and Copper Analysis*.

10. *Sanitary Chemistry and Food Analysis*.

11. *Organic Chemistry*.

Note.—For the year 1911-12 such elective courses, selected from Courses 6, 7, 8, 9, 10, 11, or from others which are practicable, will be given as the time of the instructor will admit, and the wishes of the qualified students will justify. It is desired that those contemplating such work confer with the head of the department as early as possible.

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

GEOLGY.

F. VON ESCHEN, *Professor*.

1. *General Geology*. This course aims to give an elementary survey of dynamic, structural, physiographic, and historical geology, and of minerals, rocks, and fossils, illustrated as far as possible by specimens

from the College Collection, and to show the student the nature of the field covered by geological study. Excursions are made to points in the vicinity where geologic processes and forms are illustrated. An elementary knowledge of physics, botany, zoology and chemistry is required. For Juniors and Seniors. Two hours, both semesters.

2. *Mineralogy, Descriptive and Determinative.* 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. Prerequisite, Geology 1. A laboratory fee of \$3.00 per semester is required. Three hours.

3. *Economic Geology.* 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. Three hours. Prerequisites, Geology 1 and 2, or Geology 1 and Chemistry 5 and 6. Courses 2 and 3 will not be given in 1911-12.

BIOLOGY.

M. E. PECK, *Professor.*

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

1. *Invertebrate Zoology.* A survey of the several types of invertebrates, beginning with a brief microscopic study of the Protozoa, and advancing through the higher groups in the order of their natural succession. Some attention is given to the biology of each group, and to its relation to human economy. The outlines followed in the laboratory work are designed to enable the student to draw his conclusions independently on the great fundamental principles of animal morphology. One lecture and four hours of laboratory work, first semester.

2. *Vertebrate Zoology.* A study of chordate animals, beginning with the lampreys 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 four or five types are studied during the semester, but these in sufficient detail

to give the student a fairly comprehensive knowledge of vertebrate anatomy. One lecture and four hours of laboratory work, second semester. *The course in Human Physiology, or that in Zoology in the Academy is a prerequisite to this.*

3. *Methods.* Historical and technical lectures on the rise and progress of General Biology. Aim, content and methods are considered in relation to secondary teaching. Two hours, first semester.

4. *Botany.* This work follows the same general plan as that of the courses in Zoology, though necessarily the laboratory portion of it is mainly microscopic. Beginning with the simplest forms, slime moulds and bacteria, each group in turn is studied and compared with others and its limits defined. Plant physiology, ecology, etc., are given due attention. One lecture and four hours of laboratory work throughout the year.

5. *Human Physiology and Anatomy.* This course takes up somewhat in detail the structure of the human body. While not technical, it aims to give the student such a comprehensive knowledge of the subject as every well-informed person should possess. The subjects of hygiene and sanitation receive considerable attention. Text, lectures, and laboratory. The course in Vertebrate Zoology is a prerequisite to this. Three hours, both semesters.

6. *Foundations of the Theory of Organic Evolution.* 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. One hour a week during the first semester. Open to all College students.

7. *Systematic Botany.* Principles of classification of seed-plants, with a brief study of local flora. Three hours a week throughout the second semester. Open to all who have had the Academy Botany.

8. *Methods.* Botanical phases of nature study and the study of elementary agriculture. Laboratory guidance. One hour, second semester.

Note—In all these courses two hours of laboratory work count as one prepared recitation.

ENGLISH LANGUAGE AND LITERATURE.

WILLIAM E. KIRK, *Professor.*

I. RHETORIC AND ENGLISH COMPOSITION.

1. *Rhetoric and English Composition.* Critical study of rhetorical principles, based on Genung's Working Principles of Rhetoric. Two hours, both semesters.

2. *Advanced Composition.* A practical course in descriptive and narrative prose. Analytical study of Poe, Hawthorne, Maupassant, Kipling and others. Two hours, both semesters.

II. ENGLISH LITERATURE.

1. *History of English Literature.* A survey of the development of English literature from Beowulf to the present time. Special class study of Chaucer, Spenser, Milton and other representative authors. Library readings and written reports. Manly's English Poetry and Pancoast's Standard English Prose. Three hours, both semesters.

2. *Shakespeare.* A critical analysis of eight plays. Three hours, both semesters.

3. *Nineteenth Century Poetry.* Studies of the leading English poets from 1798 to 1900. Page's British Poets of the Nineteenth Century. Two hours, both semesters.

4. *History of American Literature.* Written studies in the leading American authors. Library readings and reports. Two hours, both semesters.

5. *Old and Middle English and History of the English Language.* Readings from Bright's Anglo-Saxon Reader. History of the development of the language. Two hours, both semesters.

6. *Advanced Middle English.* Readings in Langland, Chaucer, and Malory. Linguistic and literary studies. Two hours, both semesters.

7. *Browning.* Written studies of Luria, Pippa Passes, Return of the Druses, parts of The Ring and The Book, and Sordello. Two hours, both semesters.

8. *Advanced Studies in the Drama.* Studies in the beginning and development of the English drama, with special attention to the dramatic art of Shakespeare. Two hours, both semesters.

9. *Methods.* A presentation of the aims and methods of teaching English Literature in connection with observation and practice. One hour.

III. PUBLIC SPEAKING.

1. *Fundamentals for Good Reading and Speaking.* Training in the use of the voice in reading and speaking and in the elements of interpretative reading. Two hours, both semesters.

2. *Studies in Orations and Debates.* Practice in making analyses and briefs. Baker and Huntington's Principles of Argumentation. Two hours, both semesters.

Courses I 1, II 1, and III 1 are for Freshmen.

Courses I 2, II 2, 3 and 4, and III 2 are open to Sophomores.

Courses II 4-8, and III 2 are for Juniors and Seniors.

Courses II 5, 6 and 8 above may be counted as graduate work.

Courses in II will not all be given in any one year.

HISTORY AND SOCIAL SCIENCE.

GAYLARD H. PATTERSON, *Professor*.

The aim of the department is to present history as a real educative process. The evolution of European civilization from its sources, and the growth and influence of Anglo-Saxon institutions constitute the general theme. Economic, social and political life in ancient, mediaeval and modern times are studied in the rise and fall of nations and in the evolution of institutions; present conditions being kept constantly in view and American conditions being specifically analyzed so that the student is qualified for intelligent, responsible citizenship, in addition to receiving great cultural benefit from the investigations.

I. HISTORY.

1a. *Mediaeval European History*. A study of the economic, social, religious and political conditions in Mediaeval Europe which contributed to the formation of the States of Modern Europe. Three hours, first semester.

1b. *Modern European History*. An examination of the formation of the modern states and of the great struggles growing out of their development. Three hours, second semester.

1a and b are primarily for Sophomores.

2a. *Early American History*. The founding of the colonies, the struggle between the states of Europe for domination in America, the growth of the movement for independence and the formation of the Union constitute the subject-matter of this course. Two hours, first semester.

2b. *United States History*. States rights doctrine, Nullification, Secession, Civil War and Reconstruction. Topical analyses and special assignments, such as Internal Improvements, Political Parties, Slavery, Land Policy, etc., will be made, the sources in government publications and the writings of statesmen, etc., being freely used. Two hours, second semester.

3a. *The Founding of the English State*. The establishment of the English constitutional monarchy; the development of the parliamentary and judicial systems. Two hours, first semester.

3b. *The Constitution of the British Empire*. The growth of democracy and the development of local self government under the Stuarts and the House of Hanover. The economic, social, literary and religious life are studied in relation to political development. Two hours, second semester.

3a and b to be given 1911-12.

(Courses 2a and b, and 3a and b alternate, being elective for Juniors and Seniors).

4. *Methods.* The organization of historical material. Adaptation of methods to different stages of mental development. One hour, second semester.

Other courses in History open as electives to Juniors and Seniors may be found described in the department of English Bible and Christian Missions.

Church History and History of Christian Thought, given in the School of Theology, are open as electives.

II. SOCIAL SCIENCE.

1a. *Principles of Economics.* An introduction to the principles which underlie different economic relations and institutions, especially the theory of value. Three hours, first semester.

1b. *Problems of Economics.* A detailed examination of economic principles applied to such problems as credit and banking, labor, trusts, transportation, taxation, etc. The aim is to make the method of work such as to foster a judicial spirit and an attitude of scholarly independence. Three hours, second semester.

(1a and b are primarily for Juniors).

2. *Comparative Politics.* The method is historic as well as comparative, beginning with a study of the origin, development and purpose of the state, and passing to a comparison of the governments of France, Germany, England, and the United States, giving the main attention to the latter. Three hours, first semester.

3. *Jurisprudence.* A study of the nature and divisions of law, and of the rights and duties of men in their business, civic and family relations. Three hours, second semester.

4. *Sociology.* An inquiry into the nature of society, the course and factors of social progress with a view to discovering those policies of society which make for future improvement. Three hours, first semester.

5. *American Government.* An investigation of fundamental principles and of the actual workings of national, state and local administration, with particular emphasis upon the condition and rule of cities and the relation of the citizen to public affairs. Three hours, second semester.

4 and 5 to be given 1911-12.

(Courses 2 and 3 alternate with 4 and 5, being elective for Juniors and Seniors).

Other courses in Social Science open as electives to Juniors and Seniors are 4a and b in the department of English Bible and Christian Missions.

Special courses in Anthropology and Ethnology will be given as the demand warrants.

RESEARCH WORK IN INVESTIGATION OF SPECIAL TOPICS.

The proximity of the State House, State Institutions, and the State Library afford unusual opportunities for such work and the department plans for a course of one hour a week intended to train the student in methods of gathering, handling and presenting data in the study of social and political problems.

ENGLISH BIBLE AND CHRISTIAN MISSIONS.

GAYLARD H. PATTERSON, *Professor*.

The aim of this department is to vitalize the history and literature of the Bible. The work of the department is intended to familiarize the student with that great monument of our literature, the English Bible, and with the great civilization back of the Bible, without touching questions of doctrine or belief.

1. *Biblical History*. Treating the social and political life of Israel through the stages of nomadic origin, settlement of the monarchy, dissolution of the state, the Babylonian, Persian, Greek and Roman domination, to the fall of Jerusalem, 70 A. D., noting the development of religious life under prophets, priests and kings and under Jesus Christ and the apostles as seen in the literature representing each. Two hours, first semester.

2. *Introduction to the English Bible*. A general survey of the history of the English Bible as a series of translations from the original languages, with particular reference to the evolution of its English and its influence upon our English as well as to its literary character and influence upon English literature, passing to a study of its origin, growth and canonization as seen in particular periods of history and types of literature, which affords an insight into the meaning of revelation and inspiration. Two hours, both semesters.

(Courses 1 and 2 are prescribed work for Freshmen and Sophomores).

3a. *A Study of Hebrew Prophecy and the Psalms*. Noting in both the development of religious life. Two hours, first semester.

3b. *A Study of Some of the Epistles of the New Testament*. The circumstances of their origin, etc. Two hours, second semester.

4a. *History of Religions*. A survey of the principal religions of the world with an inquiry into their origin, development and contribution. Two hours, first semester.

4b. *History of Development of Christian Missions*. Noting their relation to commerce and social progress. Two hours, second semester.

(Courses 3a and b alternate with 4a and b, being electives for Juniors and Seniors).

Courses in the Old and New Testaments in the original languages, given in the School of Theology, are open as electives.

MATHEMATICS.

JAMES T. MATTHEWS, *Professor*.

The courses are designed for two classes of students: first, those who intend to enter professions in which mathematical knowledge and skill are an important instrument; second, those who study mathematics as a part of a liberal education.

1. *College Algebra*. A broad and searching course in Progressions, Permutations and Combinations, Binomial Theorem, Variables and Limits, Series, Undetermined Coefficients, Logarithms, Determinants, Theory of Equations, Complex Numbers, Fundamental Laws. Three hours, both semesters. This course or 2 and 3 satisfy the requirement in Mathematics.

2. *Trigonometry*. The general formulas of plane trigonometry; the theory of logarithms and the use of logarithmic tables; applications of the numerical solution of triangles and simple problems in heights and distances; applications to astronomy and navigation. Four hours, first semester.

3. *Analytic Geometry*. Including the straight line, circle, parabola, ellipse, hyperbola, and some of the higher curves. Four hours, second semester.

4. *Calculus*. Differentiation and easy integration. Three hours, first semester.

5. *Calculus*. A continuation of Course 4. Expansion of functions, areas, volumes, length of curves, center of gravity, pressure of liquids, Three hours, second semester.

6. *Advanced Course*. A continuation of Courses 4 and 5, with applications to mechanics and an introduction to Differential Equations.

7a. *General Astronomy*. Historical and descriptive. Adapted to the needs of students with no previous knowledge of the subject. Two hours, first semester.

7b. *Spherical and Practical Astronomy*. A more mathematical treatment. Prerequisites, Trigonometry and Elementary Physics. Two hours, second semester.

8. *Methods*. A critical and historical study of the logical foundations of secondary mathematics, as an aid in teaching. One hour.

9. *Solid Analytical Geometry*. An advanced course; the plane, the straight line in space, the sphere, the cylinder, the cone.

10. *Spherical Trigonometry*. The celestial sphere, the astronomical triangle.

Courses 6, 9 and 10 will be given in alternate years. The selection will be governed by the wishes of the students and the number of persons desiring to pursue the study.

EQUIPMENT.

Several high-grade instruments belong to this department, including the Y-level and engineer's transit with solar attachment, etc., sufficient for instruction in field work.

GREEK.

EDWIN SHERWOOD, *Professor.*

The aim of this department is to aid the student in imbibing something of the spirit of the ancient Greeks, in cultivating the acquaintance of the Greek authors usually read in schools, and in learning to enjoy and appreciate them. Attention is also directed to the influence which the Greek language and literature have had and to the practical help which they give toward a better understanding of our own language, while the aim is always kept in view to furnish the mental discipline and training for which this study is so well adapted. The emphasis is constantly laid upon thoroughness in the very beginning, for only thus can the pursuit of Greek become a pleasure and satisfaction to the student.

Courses above number 4 may not all be given in any one year, while the order of their presentation will depend somewhat upon the number and needs of those registering for them. As numbered, each course represents one semester's work, while each course above number 4 is a unit of work in itself.

Courses 1-4 are preparatory for classical students.

1-2. Beginning Greek with selections from Xenophon's *Anabasis*. Five hours.

3-4. Four books of Xenophon's *Anabasis* completed, with Prose Composition. Homer's *Iliad*, Books I-IV. Five hours.

5. Selections from Homer's *Odyssey* or from Xenophon's *Memorabilia*. Three hours.

6. Studies in Herodotus and Thucydides, or selections from Demosthenes and Lysias. Three hours.

7. Plato's *Apology* of Socrates and *Krito*, with studies in Greek Philosophy.

8. Studies in Greek Drama, Euripides' *Alcestis*, Aeschylus' *Prometheus Bound*, Sophocles' *Oedipus Tyrannus*. Three hours.

9-10. Studies in the Greek New Testament, the portions read being varied from year to year. Two hours.

LATIN.

MARY P. BARNETT, *Professor.*

The aim of the department is to give the student an acquaintance with the representative writers of Latin literature and some insight into the civilization of ancient Rome.

Courses 1-6 will not all be given in any one year, and the order of their presentation will depend on the number and needs of the students enrolling for them. Courses as numbered are for one semester each.

1. Selections from Livy or Cicero's *De Senectute* and *De Amicitia*. Three hours.

2. Horace's Odes with selections from Catullus. Three hours.

3. Plautus' *Captivi* or *Trinummus*, and Terence's *Andria* and *Phormio*. Three hours.

4. Tacitus' *Agricola* and *Germania*. Three hours.

5. Horace's *Satires* and *Epistles*, with studies in the history of Roman Literature. Three hours.

6. Pliny's *Letters*, with studies in the Private Life of the Romans. Three hours.

7. *Methods*. An examination of the aim and province of classical studies together with methods of securing and retaining interest. One hour.

GERMAN, FRENCH, SPANISH.

WILLIAM J. KELLER, *Professor*.

The aim of this department is twofold, practical and cultural, and an effort is made to sacrifice neither of these to the other. The method and the plan of the instruction are determined according to this aim. Everything is so arranged as to provide the student with a reliable working basis for industrial, literary or scientific pursuits.

GERMAN.

1. *Elementary Course*. Grammar: Spanhoofd's *Lehrbuch der Deutschen Sprache*, and Ham and Leonard's *German Grammar*. Reading: Spanhoofd's *Erstes Lesebuch*, and *Die Schilddurger*. Daily drill in pronunciation, conversation, and composition. Five hours throughout the year.

2. *Intermediate Course*. Grammar: Joynes-Meissner, Part II. Drill in conversation and composition. Reading: Storm's *Immensee*; Schiller's *Der Taucher*; Goethe's *Das Marchen*; Heyeses' *L'Arrabbiato*; Grimm's *Marchen*; Baumbach's *Der Schwiegersohn*; Schrakamp's collection of short stories, *Ernestes und Heiteres*. Three hours, throughout the year.

3. *The Classical Drama*. A literary study of the classical drama. During 1910-11 the following dramas were read: Lessing's *Emilia Galotti*; Goethe's *Gotz von Berlichingen*; Schiller's *Jungfrau von Orleans*. Two hours, throughout the year.

FRENCH.

1. *Elementary Course*. Fraser and Squair's *French Grammar*, Part I, with copious oral practice and written exercises. Especial verb

drill. Reading of at least 100 pages of modern prose. Memorizing of selections. Four hours, throughout the year.

2. *Advanced French.* Fraser and Squair's Grammar, Part II, with composition and oral practice. Reading of about 400 pages of representative texts. Memorizing of selections. Three hours, throughout the year.

SPANISH.

1. *Elementary Course.* Spanish Grammar. Hills and Ford, with exercises oral and written. Reading of 150 pages of graduated texts. Memorizing of selections. Three hours, throughout the year. To be given in 1911-12.

2. *Advanced Course.* Spanish Grammar, by Hills and Ford continued. Composition. Reading of standard texts. Memorizing of selections. Conversational practice. Three hours, throughout the year.

Course 1 alternates with Course 2.

SWEDISH.

JOHN OVALL, *Professor.*

The large number of Swedish immigrants to the Pacific Coast has resulted in a demand for a speaking and technical knowledge of Swedish, which makes it advisable to offer the Swedish language as a subject of study.

PHYSICAL CULTURE.

G. J. SWEETLAND, *Director.*

Courses for both men and women are offered. The work given is systematic and progressive, being organized with the following ends in view: Balanced strength of bodily members, harmony, grace and precision of movement, and responsiveness of body to mind.

1. *For Young Women.* The work embraces free standing exercises, running, walking, and aesthetic gymnastics in the way of drills; exercises with light hand apparatus, gymnastic games, and other beneficial exercise.

2. *For Young Men.* Systematic class-work in gymnastics. This consists of breathing exercises, free movements, vigorous exercises with dumb-bells, Indian clubs, and wands, besides a graded course of exercises upon various pieces of apparatus, and such other exercises as may be necessary for the benefit of the students.

All students will be required to take such physical exercises as may be necessary, in charge of the physical director.

The Teachers' College

(Preparing Teachers for Secondary Schools)*

The Teachers' College is organized to give efficient professional training to those who desire to enter the teaching profession, either as teachers or as supervisors, principals, or superintendents of city schools.

The demand for professionally trained men and women of the broadest culture for these positions has led to the establishment of teachers' colleges by some of the leading universities of this country. That breadth of culture may be attained along with professional efficiency the specific educational training has been correlated with a broad course in liberal arts.

In Willamette University the first two years of work correspond with the courses in the College of Liberal Arts for the Freshman and Sophomore years. The three groups, Classical, Philosophical and Scientific, afford opportunity for laying broad foundations in various fields of education while each is of such a character as affords extra cultural influence.

In the Junior and Senior years opportunity is given for specialization in the department in which the student proposes to teach, a major of 10 to 15 hours being required, varying according to the work done in the subject in the Freshman and Sophomore years, and a minor of 6 to 10 hours, in addition to at least 15 hours in Education as professional training.

The curriculum presents certain fundamental courses in Educational Psychology and in the History and Principles of Education described in the department of Philosophy and Education (page 28).

The study of Biology and Anthropology are of especial importance in relation to various theories in Educational Psychology such as the "Recapitulation Theory," while the social aspects of education, which is a process of socialization, indicate the importance of Sociology in its relation to the efficiency of the teacher.

THEORY AND PRACTICE.

Special methods applying to the leading departments of study in the secondary school will be treated by the heads of departments, who

*The Teachers' Training Course prepares for elementary schools. (See page 44).

will also devote some time to the supervision of practice teaching in their subjects. See departments.

Opportunity for observation of methods together with practical experience will be afforded in the Academy where high school subjects are taught. The High School of Salem, one of the best in the State, will also afford opportunity for observation of methods.

A SEMINAR IN PROBLEMS OF EDUCATION.

Questions of administration, correlation of departments, the place of the superintendent, the function of the principal, athletics, hygiene, social life, etc., may be discussed. Prominent educators available will lead in these discussions at times.

REQUIREMENTS

For entrance, graduation, degrees, expenses, etc., are in general the same as in the College of Liberal Arts. (See pages 23-27).

THE UNIVERSITY TEACHER'S CERTIFICATE

Will be given all graduates who meet the following conditions:

1. The satisfactory completion of the requisite work in the subject or subjects which the applicant expects to teach.
2. Successful teaching evidenced either by practice work under the supervision of the Teachers' College or by satisfactory testimonials of successful teaching experience.
3. The completion of at least fifteen semester hours in Education.

THE TEACHERS' BUREAU.

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

MUSIC.

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

DRAWING.

The School of Art offers a special privilege to those who wish to prepare for the teaching of art and drawing.

OREGON SCHOOL LAW

AS TO CERTIFICATION ON GRADUATION.

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

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

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

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

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

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

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

AS TO CERTIFICATION ON COMPLETION OF THE TEACHERS' TRAINING COURSE

"A one-year state certificate shall be granted without examination to applicants who have completed four years' work in an accredited high school or other accredited institution; provided, that the applicant shall have completed the teachers' training course in such high school or other institution as provided for in this act.

A one-year state certificate may be renewed only once when the holder thereof has presented satisfactory evidence of having successfully taught six months school during the life of such certificate."

The Teachers' Training Course

MARY E. REYNOLDS, *Professor.*

This course is designed to train teachers for elementary teaching in the grades and rural schools. It is correlated with work in the Academy, the special subjects being among the electives for the third and fourth years, so that it may be included as a part of the Academy course.

THE CURRICULUM

Includes, with the fundamental studies of the Academy, the following special subjects:

School Management, embracing the practical problems of the school room such as organization, departments, subjects of study, daily programs, appliances, furniture, school law, school hygiene, etc.

General Methodology, laying the basis for special methods.

Special Methods. In connection with reviews of Reading, Grammar, Arithmetic and Geography the underlying principles and methods of teaching the same will be brought out in order to enable the student to approach the subjects from the standpoint of the teacher.

Observation of work done in the various grades of the public schools.

Practice will be afforded as far as feasible.

Elementary Agriculture is required. Fundamental principles are studied with a view to rendering the farm and farm life more attractive. The fitness of such a course is suggested by the fact that three-fourths of all public school teachers are in the rural schools.

American History is also required.

HIGH SCHOOL GRADUATES.

These special subjects are so arranged in the schedule of recitations that the work can be completed in one year, and at the same time the high school graduate can elect in college subjects for which he is qualified. Credits thus earned in college may be applied toward the 120 hours required for graduation from the College of Liberal Arts.

PUBLIC SCHOOL MUSIC.

In response to the great demand for rural school and grade teachers who are prepared to give instruction in public school music, arrangements may be made for drill in the rudiments of music and sight singing in the School of Music.

Oregon Institute

THE ACADEMY.

In addition to a complete College of Liberal Arts Willamette University maintains a first-class Academy.

Owing to its connection with the College, the Academy is pervaded by high ideals of character and of scholarship, and younger students are stimulated and often personally helped in their work by contact with the students of the College. The social relation with College students and College instructors is in many ways itself a liberal education.

The aim of the Academy is first of all to fit young people for our College of Liberal Arts or for any college or university.

The Academy also offers to persons who do not expect to take a college course an opportunity to acquire a thorough fundamental knowledge of Algebra, Geometry, Latin, French, German, Greek, English, General History, Elementary Physics, Biology, and Chemistry.

REQUIREMENTS FOR GRADUATION.

The work of the Academy covers four years. Students entering the Academy will be expected to arrange their work according to the requirements and upon the successful completion of the Academy course and 120 semester hours in the College of Liberal Arts will receive a degree. The periods are one hour in length.

The Academy offers students of the smaller high schools an excellent opportunity to complete a first-class four year course. Fifteen units are required for graduation. A unit is earned by carrying a subject five times a week for one year in 40-minute periods or four times a week in hour periods.

EXPENSES.

Tuition, per semester, \$17.50. An incidental fee of \$5.00 each semester will be charged each regular Academy student. Laboratory fees, per study, per semester, \$2.50. Students in Chemistry also make a breakage deposit of \$5.00 on registration.

The Student Body fee of \$1.50 a semester is payable upon registration. The University registration fee of \$2.00 per semester will be required of all students taking special work.

Course of Study

(Stated in semester hours, one-half being taken each semester).

First Year.	Latin	10
	English and English Literature	10
	Algebra	10
	Physical Geography and Physiology.....	6
Second Year.	Latin	10
	Rhetoric and English Literature	8
	Geometry	10
	Zoology and Botany	8
Third Year.	Latin	8 or 10
	American Literature	6
	Algebra 3 and Geometry 3, or Agriculture 3.....	6
	American History and Civics	8
	Physics	8
Fourth Year.	Latin or Greek	8 or 10
	English Literature	6
	History of Greece and Rome	6
	Electives	18—22

The following are suggested as electives: Chemistry, Expression, School Management, Special Methods, Agriculture, Advanced Algebra.

Description of Courses

GREEK.

1-2. Beginning Greek, with selections from Xenophon's *Anabasis*. Five hours.

3-4. Four Books of Xenophon's *Anabasis* completed, with Prose Composition. Homer's *Iliad*, Books I-III. Five hours.

LATIN.

1-2. *Beginning Latin*. Inflection and the elements of Latin Syntax. Five hours.

3-4. First four books of Caesar's *Gallic War*, with Prose Composition. Five hours.

5-6. *Cicero*. Six Orations, with Prose Composition. Four hours.

7-8. *Vergil's Aeneid*. Books I-VI. Prosody, constructions peculiar to the poets, the more common rhetorical figures, the literary value of the poem and mythology. Three hours. Prose Composition. Throughout the year.

ENGLISH LANGUAGE AND LITERATURE.

1. Study of the elementary principles of Rhetoric, and practice in English Composition. The following books are used for class study and composition work: Herrick and Damon's Composition and Rhetoric, Irving's Sketch Book, Whittier's Snow-Bound, Goldsmith's Deserted Village, Scott's Lady of the Lake, and Shakespeare's As You Like It. For supplementary reading: Bunyan's Pilgrim's Progress, Scott's Ivanhoe, and Dickens' Christmas Carol. Five hours, both semesters.

2. Studies in the elements of literature and composition. Critical study of Tennyson's Idylls of the King, Hawthorne's House of Seven Gables, Poe's Poems, Shakespeares' Merchant of Venice, Coleridge's Ancient Mariner, and Macaulay's Lays of Ancient Rome. For supplementary reading: Dickens' David Copperfield, and Eliot's Silas Marner. Four hours, both semesters.

3. Special attention given to American literature. Classics studied: Lowell's Vision of Sir Launfal, Washington's Farewell Address, and Webster's First Bunker Hill Oration, Longfellow's Courtship of Miles Standish, Schurz' Abraham Lincoln, and Shakespeare's Julius Caesar. Supplementary reading: Hawthorne's Twice-Told Tales, Franklin's Autobiography, and Holmes' Autocrat of the Breakfast Table. Three hours, both semesters.

4. *English Literature*. For class study Chaucer's Prologue to Canterbury Tales, and Knight's Tale, Spencer's Faerie Queene, Book I, Early English Ballads, Shakespeare's Macbeth, Milton's Minor Poems, Palgrave's Golden Treasury, Wordsworth, Keats and Shelley, Selections from Browning, and Arnold's Sohrab and Rustum. Three hours, both semesters.

MATHEMATICS.

1. *Beginning Algebra*. For beginners. A thorough drill is given in all the elementary processes, and an introduction to quadratics. Text: Algebra for Secondary Schools, Wells. Five hours, throughout the year.

2. *Plane Geometry*. About one-third of the time is spent on the demonstrations in the text; the remainder of the time is devoted to originals. Text: New Plane Geometry, Wentworth. Five hours, throughout the year.

3. *Algebra*. A continuation of Course 1. Beginning with quad-

raties, the work will consist of selected topics from the last half of Wells' Algebra for Secondary Schools. Three hours, first semester.

4. *Solid Geometry*. Special emphasis is laid upon the practical numerical exercises. Text: Solid Geometry, Wentworth. Three hours, second semester.

5. *Advanced Algebra*. This course is pursued in connection with a stiff and thorough text, and includes such topics as the binomial theorem, logarithms, graphs, choice, change, series, complex numbers, and the theory of equations. Three hours, throughout the year.

HISTORY.

1. American History and Civil Government. Special attention is given to methods of study, consulting the library, etc. Four hours.

2. History of Greece and Rome, with due reference to the life, literature and government of each. Three hours.

BIOLOGY.

1. *Physiology*. This is an elementary course in human physiology and hygiene, taught by text with occasional demonstrations. Three hours, second semester.

2. *Botany*. It is the purpose of this course to present, concisely and briefly, the fundamental principles of general botany, including the physiology, morphology, gross anatomy, etc., of flowering plants. Three recitations and two hours of laboratory work, with occasional field study, second semester.

3. *Zoology*. A brief study of representative invertebrate and vertebrate types, mainly from the standpoint of physiology and biology. Three recitations and two hours of laboratory work, first semester.

4. *Elementary Agriculture*. Fundamental principles. Two hours, second semester.

Physiography. An introduction to Physical Geography. Three hours, first semester.

CHEMISTRY AND PHYSICS.

1. *Elementary Physics*. In this course the general subject of Physics is presented in a simple, yet scientific way. Many experiments are given to elucidate principles. Problems are given to fix laws and to make the study practical. Text, Millikan and Gale. A thorough knowledge of Arithmetic and Elementary Algebra is required and a knowledge of Plane Geometry is desirable. A laboratory fee of \$2.50 per semester is required. Recitations and laboratory work throughout the year. Four hours.

2. *Elementary Chemistry*. The subject of Chemistry continues throughout the year, and includes all the general principles theoretical and practical of inorganic chemistry, such as given in McPherson and

Henderson, Elementary Study of Chemistry. Recitations and individual laboratory work occupy not fewer than five hours per week. A special effort is made throughout to develop the scientific habit of thought and to lead the student to observe the chemical changes constantly taking place. In the laboratory each student is furnished with a desk and all necessary reagents and apparatus, and is required to keep a complete record of the work done during the year. A laboratory fee of \$2.50 per semester, and an additional deposit of \$5.00 is required. The loss by damage or destruction of apparatus will be deducted from the deposit of \$5.00, and the balance refunded at the close of the semester. Three hours, throughout the year.

ACADEMY EXPRESSION.

Fundamental work for personal development, articulation, inflection, quality of tone, pitch, force, tune, volume, modulation, power, brilliancy and abandonment in reading, elementary gesture. Two hours, throughout the year.

GERMAN BIBLE.

It is the aim of the University to afford some special supervision over the work of students coming from the bounds of the Pacific German Conference. Courses in German Bible have been offered.

School of Fine Arts

FLETCHER HOMAN, A. M., S. T. B., D. D., *President.*

MARGARET GILL and ADELLA R. FULLER, *Instructors.*

The aim of the school is threefold:

(1) To aid in arousing and directing a love of the beautiful in nature and in art.

(2) To offer opportunities for the study of the fine arts as a part of a liberal education to those who while pursuing other courses of study in the University wish to devote a part of their time to some phase of art as a means of general culture or as tributary to some practical activity of life.

(3) To prepare students for a professional career either as artists, or as teachers of art and drawing in the public schools.

Provision is made for (1) a course leading to a certificate, (2) a supervisors' course designed to train Supervisors of Drawing for the public schools, (3) special students.

RATES OF TUITION.—Water color, oil and China painting; Crayon, pastel, charcoal, pen and ink and pencil drawing: Term of six 3-hour lessons, \$5.00; one period per week, a semester, \$5.00; two periods per week, a semester, \$9.00; three periods per week, a semester, \$12.00.

School of Music

FLETCHER HOMAN, A. M., S. T. B., D. D., *President*.

FREDERIC S. MENDENHALL, A. B., A. M., *Dean*.

The School of Music stands for the development of the true artist and musician, and not for the mere technician; and to this end the courses of study and the requirements for graduation have been made fully equal to those of the best conservatories in the East; and the results thereby achieved by the school place it at once in the front ranks as an institution of the highest excellency. The school offers full and complete courses in Piano, Organ, Violin, Voice, Harmony, Counterpoint, Composition, Theory, History, and Sight Reading; and also maintains a Glee Club, a Ladies' Musical Club, a large Choral Society, and a splendid Choir Organization, to all of which music students are eligible. Instruction is given in both private and class lessons, and all courses lead to a diploma or a degree.

The school year of the music school conforms in general to that of the College of Liberal Arts. All class work is given by the semester, but private work is given by terms, of which there are three. The regular work for each term is comprised within the following dates: Term I, September 28-December 20, 1911; Term II, January 4-March 20, 1912; Term III, April 4-June 7, 1912.

ENTRANCE REGULATIONS.—Students may enter at any time, but those taking private work will be required to register for not less than one full term, corresponding in length to the one in which they enter, except those who enter during the last fifteen weeks of the school year, who will be required to register for the number of weeks, exclusive of spring vacation (if entered before then), remaining up to commencement week. Class students will be required to register for one full semester. Private students will not be received for less than one hour's instruction a week in any subject, the same to be divided into two periods of 30 minutes each. Those residing out of town may arrange to take all of their work at one session, if so desired.

BUSINESS REGULATIONS.—Private students entering at the beginning of a regular term, or within the first two weeks after the regular work has begun, will be charged tuition in full for that term. Class students will be charged full tuition for one semester regardless of the time of entrance.

All tuition fees are payable *strictly in advance*. It should be clearly understood that all instruction is given and that all fees are payable *by the term or semester*, and not by the lesson or the month. Private

instruction may be had in any line of musical work, the tuition for any one subject, except the organ, being but \$70.00 for the year. Term I, private lessons, \$25.00; Term II, \$24.00; Term III, \$21.00. Tuition for organ work is double that of the piano.

The school is well equipped with grand and upright pianos, so that students may arrange for practice periods in the building at reasonable rates. One hour a day, per term, \$4.00; two hours a day, per term, \$6.00; and \$2.00 additional per term for each additional hour.

Class lessons may be had in History and all Theoretical Subjects at the following rate: Two 60-minute lessons a week, per semester, \$12.00; one 60-minute lesson a week, per semester, \$7.00.

A maximum of ten credits is allowed in the College of Liberal Arts for all musical work of a theoretical or historical character.

PIANO COURSE.—The piano work is divided into six grades, the completion of which is necessary for a diploma of graduation. History, sight reading and all theoretical subjects are also required. Advanced work along these lines, as well as in piano, leads to the degree of Bachelor of Music. Following is a general outline of the six grades of piano studies leading to graduation:

Grades I-II. Kohler, Op. 190. Loeschhorn, Op. 84, Bk. I. Lecoupey, Op. 17. Duvernoy, Op. 176. Krause, Op. 4. Burgmuller, Op. 100. Bertini, Op. 100. Czerny, Op. 299, Bk. I.

Grades III-IV. Heller, Op. 45. Bertini, Op. 29. Loeschhorn, Op. 66, Bks. II-III. Schmitt, Op. 16, Bks. II-III. Cramer Studies. Jensen, Op. 32. Clementi, Gradus.

Grades V-VI. Clementi, Gradus, continued. Haberbier, Op. 53. Moscheles, Op. 70. Tausig, Daily Exercises, Bks. II-III. Henselt, Op. 2. Chopin, Op. 10 and 25.

VOCAL COURSE.—The requirements for graduation in voice are practically the same as in piano. The ability to play ordinary music at sight and a knowledge of some one modern language are required in lieu of some of the more advanced theoretical work. The course in voice covers four grades, of which a general outline follows:

Grades I-II. Sieber, Concone, Vaccai, Abt, Viardot, Marchesi, Bonoldi, Panofka, and Lutgen, Velocity Studies. Songs, duets, and arias, of English, German, and Italian composers.

Grades III-IV. Concone, Marchesi, Panofka, Nava, Bordogni, Righini, and Lamperti, Studies in Bravura. Songs of Schubert, Schumann, Franz, Mendelssohn; concerted pieces from oratorios; scenes and arias from the best German, French, and Italian operas.

More detailed information may be had by addressing Frederic S. Mendenhall, Dean of the School of Music, Salem, Oregon.

The University registration fee of \$2.00 per semester will be required of each student. A Student Body fee of \$1.50 a semester is payable upon registration.

School of Medicine

FLETCHER HOMAN, A. M., S. T. B., D. D., *President.*

W. H. BYRD, M. D., *Dean.*

The Medical School of Willamette University is the oldest continuous Medical School west of the Mississippi River. The school is located at Salem, the Capital City of Oregon, one of the most beautiful and healthful cities in the Pacific Northwest, situated upon the east bank of the Willamette River. It is the second city of size in Oregon, having a population of 15,000 inhabitants. Salem being the Capital of the state, students attending college here will come in contact with some of the most prominent and brainy men of the state, and be surrounded by an atmosphere of culture and intellectual refinement. In the State Library will be found complete works upon the practice of medicine, as well as other books of reference, to which all students will have access free of charge.

CLINICAL FACILITIES.

The members of the faculty, bearing in mind the importance of clinical instruction, devote the utmost attention to this aspect of teaching. Abundant opportunities are offered the student, not, as so frequently happens, simply to see, but to examine patients, make diagnosis and suggest treatment. Besides the regular clinics held at the hospitals, students are invited, whenever practicable, to see cases of interest in private practice, and to witness and assist in private operations. Students are also allowed the privilege of attending clinics at the State Hospital for Insane as well as the State Penitentiary, both of which are located near the School.

PHARMACY.

The Pharmacy department has been affiliated with the Medical School. The courses have been greatly strengthened and made to conform with those offered by the best eastern institutions. A three months' course is offered to those who wish to review, preparatory to taking the State Board examination. For a description of courses and a statement of expenses, address C. O. Boyer.

The University registration fee of \$4.00 per year will be required of each student. A Student Body fee of \$1.50 a semester is payable upon registration. (See page 26).

For Medical Catalogue, address Dr. W. H. Byrd, Dean.

School of Law

FLETCHER HOMAN, A. M., S. T. B., D. D., *President.*

C. L. McNARY, LL. B., *Dean.*

This department of the University offers a two years' course leading to the degree of Bachelor of Laws, and arranged to meet the requirements of the Oregon bar examinations. The advantage to the student of attendance upon a law school in preference to less systematic study in an office, is recognized in the rules of the Supreme Court, which require three years previous study of all who apply for admission to the bar without first obtaining a college degree. It is the object of this department, while giving thorough instruction in the abstract principles of law, to add such practical details as to prepare the student to commence his work as an attorney without embarrassment.

INCIDENTAL ADVANTAGES.

Salem is an ideal place for the student of law. He has the advantage of access to the State Law Library, which is believed to be unexcelled by any law school library in the United States. It is also of superior advantage to the students that the Judges of the Supreme Court are lecturers in the School of Law. In addition to the regular sessions of the Circuit and County Courts, the Supreme Court of Oregon is in constant session and open to the attendance of the student. Here also once in his two years' course he has the opportunity of observing the State Legislature in session. The students conduct a practice court, which is of much benefit. The students of this school have the opportunities of engaging in the inter-university contests, both athletic and intellectual. They are able to register in the College of Liberal Arts for such supplementary work as they need in that department at special tuition rates. The social advantage of membership in the University is well worth attention. (See page 26).

TUITION AND FEES.

A diploma fee of \$5.00 is charged at graduation. The University registration fee of \$4.00 per year will be required of each student. A Student Body fee of \$1.50 a semester is payable upon registration.

For information address C. L. McNary, Dean.

School of Theology

FLETCHER HOMAN, A. M., S. T. B., D. D., *President.*

HENRY D. KIMBALL, D. D., *Dean.*

The aim of this school is to assist young men who seem called to the Christian ministry to qualify themselves spiritually and intellectually for their work. The teaching will be in alignment with that of our Lord and his apostles. Those of either sex who desire to fit themselves for larger usefulness in Christian work will be admitted to all class privileges upon the same terms as candidates for the ministry.

COURSES OF STUDY.

Three parallel courses of study are offered, the Greek-Hebrew, the Greek-English, and the English-Philosophical, providing for the study of the scriptures in the original languages by those qualified for such study, enabling others to study the scriptures in English, while opening to all students the other fields of theological study. In the English-Philosophical the English Exegesis of the scriptures, together with a larger proportion of philosophical studies takes the place of the Hebrew and Greek of the other courses.

REQUIREMENTS FOR ADMISSION.

1. Those who have received the degree of A. B. or its equivalent from some College of Liberal Arts will, on completing the required course of three years and passing examination, receive the degree of Bachelor of Divinity.

2. Those whose preparation is more limited, but comprises at least the fundamentals of an English education, may be admitted, and on completion of the full course, and passing satisfactory examination, will receive the Diploma of the Institution. Such students must satisfy the faculty that their preparation includes at least the equivalent of that portion of the disciplinary requirements for admission to an Annual Conference of the Methodist Episcopal Church which is included under the head, "English Branches"; viz., "Elementary English, Principles of Rhetoric, Outlines of History."

3. Persons who fall below these requirements will have opportunity to make up their deficiency by taking, in connection with their course, certain studies in the Academy of Willamette University, and for such a four year course has been provided.

TUITION AND FEES.—Tuition, \$11.25 each semester. University fees: Registration fee, \$2.00 each semester; Student Body fee, \$1.50 each semester, payable upon registration. (See page 26).

Degrees Conferred

MASTER OF ARTS.

Bisbee, Royal D.
Gittins, Mary

Siewert, Frances E.

BACHELOR OF ARTS.

Belknap, Clark R.
Colony, Eleanor M.
Coryell, Ruby M.
Eckersley, James Willis
Emmel, Nora C.
Graham, Sidney Joseph

Hornibrook, Cynthia J.
Moore, Agnes
Pigler, Annie C.
Rigdon, Leila E.
Smith, Helen Mar

DOCTOR OF MEDICINE.

Bartlett, J. C.
Massey, George A.
Murphy, J. T.

Pemberton, Ray L.
Windom, A. L.

BACHELOR OF LAWS.

Allen, Danna H.
Belknap, Clark R.
Cupper, Percy A.
Lewis, John H.
Murdock, George N.
Shields, Roy T.

Smith, Guy O.
Stone, William
Vincent, W. E.
Ware, H. H.
Wirtz, Williard H.
Yates, Charles

BACHELOR OF ORATORY.

Gross, Bertha
Reigelman, Perry

Schmidt, William A.

Summary of Students

College of Liberal Arts.....	114
Academy	100
Music	86
Oratory	85
Art	42
Theology	21
Medicine	47
Law	42
	<hr/>
	537
Counted twice	150
	<hr/>
Number of different students	387
Men	229
Women	158

Register of Students

1910-1911

College of Liberal Arts

GRADUATE STUDENTS.

Anderson, Ellen J.	Salem, Oregon
A. B. Willamette University	
Glover, Mabel C.	Salem, Oregon
A. B. Willamette University	
Grannis, Frank	Salem, Oregon
B. L. Willamette University	
Kuney, Edith C.	Corvallis, Oregon
A. B. Willamette University	
Nott, Earl A.	McMinnville, Oregon
A. B. University of Oregon	
Oliver, George O.	La Fayette, Oregon
A. B. Willamette University	
Sanders, M. L.	Wenatchee, Washington
A. B. Iowa Wesleyan University	
Siewert, Samuel A.	Seattle, Washington
A. B. Willamette University	
Sweetland, G. J., M. D.	Salem, Oregon
B. L. Hobart College	
Thompson, Fred H., M. D.	Salem, Oregon
B. S. McMinnville College	
White, O. A.	Kalispell, Montana
A. B. Willamette University	

SENIORS.

Beckley, Hattie C.	Salem, Oregon
Beckley, Wesley B.	Salem, Oregon
Belknap, Lorena C.	Medford, Oregon
Bennet, Theodosia	Salem, Oregon
Clarke, Beulah Merle	Salem, Oregon
Crawford, James W.	Salem, Oregon
Hopkins, R. Mae	Dallas, Oregon
Haskin, Alma V.	Lebanon, Oregon
Schmidt, Marie	Hillsboro, Oregon
Woods, Guy	Murphy, Oregon

JUNIORS.

Altman, Alta A.	Salem, Oregon
Barton, Frank W.	Salem, Oregon
Flegel, A. F.	Portland, Oregon
Gardiner, Lawrence Lewis	Oregon City, Oregon
Graham, Margaret	Salem, Oregon
Gregson, Lettie L.	Salem, Oregon
Harrison, Charles B.	Salem, Oregon
Hatz, John C.	Portland, Oregon
Heath, Cary Oscar	Montrose, Colorado
Oakes, J. B. C.	Portland, Oregon
Schramm, Alfred	Salem, Oregon
St. Pierre, E. W.	Salem, Oregon
Weatherhead, Arthur	Newberg, Oregon
Zimmerman, Neal L.	Salem, Oregon

SOPHOMORES.

Bartlett, Elva E.	Buhl, Idaho
Blanchard, Paul	Grants Pass, Oregon
Booth, G. W.	Salem, Oregon
Boughey, Sadie E.	Salem, Oregon
Bradley, Pearl E.	Hood River, Oregon
Clarke, Edena Mabel	Portland, Oregon
Dimond, Clara Allen	Salem, Oregon
Dunlop, Florence E.	Vale, Oregon
Edgington, Jennie	Hood River, Oregon
Gittins, Frances W.	Amity, Oregon
Harter, Harold C.	Salem, Oregon
Heist, Lulu	Salem, Oregon
Heist, Lina	Salem, Oregon
Hollingworth, Carl J.	Salem, Oregon
Hopkins, Winnifred	Dallas, Oregon
Magness, Mabel	Amity, Oregon
Mark, Ada B.	Hood River, Oregon
Matthews, Oliver Vincent	Salem, Oregon
May, Ethel	Salem, Oregon
McBride, Mildred	Eddyville, Oregon
McCain, Harry G.	Salem, Oregon
Metcalf, Florence	Salem, Oregon
Pearce, Helen	Salem, Oregon
Figler, Mary L.	Salem, Oregon
Pohle, Frances	Salem, Oregon
Rader, Luke M.	Portland, Oregon
Reeves, Gertrude	Lebanon, Oregon
Smith, Ray L.	Salem, Oregon
Young, Jessie	Portland, Oregon

FRESHMEN.

Alford, Aggie B.	Dallas, Oregon
Allen, Robert H.	Salem, Oregon
Bartholomew, Mildred	Portland, Oregon
Beatty, William T.	Cottage Grove, Oregon
Blackwell, Harlin G.	Hillsboro, Oregon
Carson, Catherine	Salem, Oregon
Casebere, Ethel	Salem, Oregon
Chapman, Electa	Grants Pass, Oregon
Clark, W. W. Herman.....	Salem, Oregon
Cook, David L.	Salem, Oregon
Cook, Lola Belle	Salem, Oregon
Edgington, Grace	Hood River, Oregon
Eyre, George E.	Salem, Oregon
Fraley, Mabel C.	Des Moines, Iowa
Gilkey, Errol	Grants Pass, Oregon
Gittins, Edward, Jr.	Amity, Oregon
Gregson, Alice L.	Salem, Oregon
Gremmels, Vivian S.	Salem, Oregon
Heist, Laura	Salem, Oregon
Homan, Paul	Salem, Oregon
Homan, Ralph F.	Salem, Oregon
Kelly, Joyce R.	Portland, Oregon
Lewton, Ethel A.	Portland, Oregon
Loughridge, Emma	Grants Pass, Oregon
Mills, Waldo O.	Salem, Oregon
Neustel, Benjamin C.	Rathdrum, Idaho
Penn, Lottie Lee	Salem, Oregon
Plummer, Esther L.	Salem, Oregon
Preston, Guy N.	Pandora, Ohio
Roper, Stella	Houlton, Oregon
Schramm, Elwina	Salem, Oregon
Schreiber, William	McMinnville, Oregon
Sherwood, Edith	Salem, Oregon
Sutcliffe, Armored	Cottage Grove, Oregon
Todd, E. Paul	Salem, Oregon
Vandever, George V.	Bend, Oregon
White, Edna J.	Salem, Oregon
Wann, Harry A.	Salem, Oregon

COLLEGE SPECIAL.

Anderson, Paul T.	Connell, Washington
Beckley, Alfred W.	Salem, Oregon
Graham, Stella M.	Salem, Oregon
Randle, Josephine	Grants Pass, Oregon

Reigelman, Perry P.	Salem, Oregon
Shepard, Robert	Roosevelt, Washington
Steelhammer, H. W.	Silverton, Oregon
Strong, G. Laura	Portland, Oregon
Thompson, William K.	Salem, Oregon
Wilson, George T.	Portland, Oregon
Winslow, George P.	Salem, Oregon
Weed, Gertrude	Vernonia, Oregon

Academy

FOURTH YEAR.

Bacon, Florence Amelia	Boise, Idaho
Cook, Mary Gertrude	Salem, Oregon
Dimond, Chester A.	Newberg, Oregon
Dupertius, Helene Constance.....	Adna, Washington
Jory, Harold B.	Salem, Oregon
Marsh, Arthur H.	Looking Glass, Oregon
Ohmart, Reynolds W.	Salem, Oregon
Oldenburg, W. H.	Connel, Oregon

THIRD YEAR.

Avison, Lydia Genevieve	Salem, Oregon
Jory, Emily Constance.....	Salem, Oregon
Pfaff, R. L.	Waseca, Minnesota
Rowland, Raymond	Salem, Oregon

SECOND YEAR.

Armstrong, Chester H.	Salem, Oregon
Bartlett, Willis M.	Newberg, Oregon
Chalcraft, Edwin Pickering	Chemawa, Oregon
Cordier, Clifford	Newberg, Oregon
Cooksey, Carrie H.	Salem, Oregon
Day, Robinson D.	Fruitland, Idaho
Emmel, Aetna	Sherwood, Oregon
Emmel, Esther	Sherwood, Oregon
Forbes, Clarence Earl	Salem, Oregon
Johnson, Oscar J.	Boring, Oregon
Jones, Mary Edna	Salem, Oregon
Kromling, Armanda R.	Hubbard, Oregon
Lawrence, Lowell William	Toppenish, Washington
Lund, Oscar A.	Hillsboro, Oregon
McCain, Roxy, Mrs.	Salem, Oregon
Newton, Leslie Charles	Canby, Oregon

O'Herran, Leonard O.	Salem, Oregon
Pomeroy, Ray E.	Salem, Oregon
Richter, Henry C.	Salem, Oregon
Reynolds, Edith M.	Salem, Oregon
Snider, Roy I.	Okanogan, Washington
Todd, Junia	Salem, Oregon
Todd, Wesley	Salem, Oregon
Vandever, Claude C.	Bend, Oregon
Woodard, Albert C.	Cottage Grove, Oregon

FIRST YEAR.

Alexander, G. M.	Salem, Oregon
Alford, Eugene Clair, Jr.	Dallas, Oregon
Armstrong, Rollin S.	Salem, Oregon
Ashby, Nellie Alma	Salem, Oregon
Ashby, Lois	Shaw, Oregon
Bailey, Billings Leslie	Junction City, Oregon
Beauchamp, H. C.	Stayton, Oregon
Booth, Warren R.	Salem, Oregon
Burdette, Leslie Richmond	Canby, Oregon
Doherty, George H.	Chemawa, Oregon
Fisher, Sophronia Belle	Salem, Oregon
Foss, William W.	Hood River, Oregon
Gates, Grover A.	Galice, Oregon
Gilbert, Malcolm L.	Salem, Oregon
Humphrey, Anna F.	Fall Creek, Oregon
Humphrey, Laura M.	Fall Creek, Oregon
Humphrey, Leota C.	Fall Creek, Oregon
Hewitt, E. E.	Salem, Oregon
Lick, Knowland	Alameda, California
Matthews, Donald Navarre	Salem, Oregon
May, Jay	Salem, Oregon
McAdams, Lewis	Salem, Oregon
Neiswender, Hattie E.	Napoleon, Washington
Neiswender, Jesse	Napoleon, Washington
Poulson, Edna Margeret	Salem, Oregon
Proctor, Sarah E.	Drakeville, Iowa
Samson, June	Portland, Oregon
Saunders, C. Ray	Independence, Oregon
Schreiber, Martin	McMinnville, Oregon
Stoute, Edward	Barbados, W. I.
Stoute, Percy	Barbados, W. I.
Winans, Fair	Dee, Oregon
Winans, Edith	Dee, Oregon

ACADEMY SPECIAL.

Adam, Gustav	Conconully, Washington
Adam, Mrs. Katherine	Conconully, Washington
Armstrong, Eldon T.	Salem, Oregon
Baker, Minnie Bell	Spokane, Washington
Bellamy, Tullins Knox	Salem, Oregon
Bush J. L.	Salem, Oregon
Christensen, Hans	Carlton, Oregon
Fisher, Ione Pearl	Salem, Oregon
Fulmer, Clair A.	Pullman, Washington
Gibson, Dan W.	Spokane, Washington
Graham, Charles E.	Castle Rock, Washington
Hawley, Kenneth C.	Salem, Oregon
Himpel, Carl August	Clatskanie, Oregon
Hixson, J. M.	Salem, Oregon
Jasper, Franklin M.	La Grande, Oregon
Johnston, Bertha	Vale, Oregon
Kearns, Guy P.	Stayton, Oregon
Kirk, Walter J.	Salem, Oregon
Lamb, Mrs. Sadie J.	Salem, Oregon
Lamb, Warren B.	Salem, Oregon
Pearce, Dorothy	Salem, Oregon
Raugust, J. J.	Odessa, Washington
Schindler, Frieda	Salem, Oregon
Turner, Milton K.	Salem, Oregon
Vandevert, Kathryne Grace	Salem, Oregon
Vandevert, T. William	Salem, Oregon
Waehlte, Fred M.	Portland, Oregon
Warmoth, Lillian	Brownsville, Oregon
Warford, L. Elbert	Albany, Oregon
Westley, Roy	Salem, Oregon

School of Music**PIANO.**

Allen, Mrs. R. H.	Dimick, Frances
Allison, Ruth	Edgington, Jennie
Beatty, Frances	Emmel, Esther
Beauchamp, H. L.	Hancock, Lina
Bradley, Pearl	Hepp, Louis
Brodie, De Etta	Hoover, Daisy
Campbell, Irene	Hornibrook, Sadie
Colony, Eleanor	Hutchinson, Mabel
Cummins, W. R.	Knuttis, Cecile
Daugherty, Gertrude	Lick, K. A.

Moore, Helen
 Myers, Maude
 Pfaff, R. L.
 Schramm, A. A.
 Schramm, Elwina
 Shumway, Irma
 Stoner, Hazel
 Stoute, E. P.
 Strong, Laura

Stuckey, Harriet
 Sutcliffe, Armored
 Tarpley, Lela
 Thomas, Mabel
 Turner, Joy
 Wann, Mrs. H. A.
 Weed, Gertrude
 Yates, Edith

VOICE.

Beckley, A. W.
 Bowerman, Martha
 Daugherty, Gertrude
 Dunlop, Florence
 Durbin, Maude
 Foss, W. W.
 Gibson, D. W.
 Graham, Stella
 Hancock, Lina
 Hoover, Daisy
 Jasper, Mrs. F. M.
 Lick, K. A.

Mers, Marguerite
 Pfaff, R. L.
 Rebhan, Edna
 Schramm, A. A.
 Shumway, Irma
 Snyder, Nettie
 Stoute, E. P.
 Strong, Laura
 Wann, H. A.
 Wann, Mrs. H. A.
 Wilson Rhea
 Woodward, A. C.

HARMONY AND COMPOSITION.

Allen, Mrs. R. H.
 Bradley, Pearl
 Daugherty, Gertrude
 Edgington, Jennie
 Hancock, Lina
 Hoover, Daisy

Hutchinson, Mabel
 Myers, Maude
 Schramm, Elwina
 Snyder, Nettie
 Wann, Mrs. H. A.

PRIVATE HARMONY.

Shumway, Irma

Turner, Joy

PRIVATE SIGHT SINGING.

Beckley, A. W.

Dunlop, Florence

HISTORY OF MUSIC.

Hancock, Lina
 Myers, Maude
 Shumway, Irma

Turner, Joy
 Wann, Mrs. H. A.

SPECIAL.

Anderson, Paul
 Booth, Wilford
 McIntire, Ross

Oakes, J. B. C.
 Schramm, A. A.

ORGANIZATIONS.

Choral Society	100 voices
Church Choir	40 voices
Ladies 'Club..	24 voices
Glee Club	20 voices

School of Oratory

JUNIORS.

Thomas, Ethel	Salem, Oregon
McNees, John	Salem, Oregon
Judd, Alice	Salem, Oregon
Liston, Blanche	Salem, Oregon

FRESHMEN.

Day, Robin	Boise, Idaho
Erixon, Hazelle	Salem, Oregon
Reeves, Winnefred	Salem, Oregon
Blanchard, Paul	Grants Pass, Oregon
Loughridge, Emma	Grants Pass, Oregon
Klein, Emmeline	Salem, Oregon
Vandevert, Maud	Bend, Oregon
Wodtli, Gotlieb	Foster, Oregon

SPECIAL.

McCain, Harry	Salem, Oregon
Abrams, Letitia	Salem, Oregon
Graham, Nellie	Salem, Oregon
Ashby, Lois	Shaw, Oregon
Judy, Francis	Portland, Oregon
Wilson, Mrs. J. A.	Salem, Oregon
Edgington, Grace	Hood River, Oregon
Woods, Guy	Murphy, Idaho
Wells, Glenn	Portland, Oregon
Hollingworth, Carl	Salem, Oregon
Todd, Paul	Salem, Oregon
Reigelman, Perry	Salem, Oregon
Schroeder, Hans	Salem, Oregon
Schmidt, Marie	Hillsboro, Oregon
Shepard, Robert	Portland, Oregon
Powers, Verne,	Salem, Oregon
Boughey, Sadie	Salem, Oregon
McPeck, Fleda	Salem, Oregon
Gregson, Lettie	Salem, Oregon

School of Art

Allen, Bertha	Lewiston, Miss
Aldrich, Mrs. G.	Meagher, Marie
Bille, Miss Gene	Mulkey, Margaret
Boeschen, Mrs. Conrad W.	Newton, Leslie
Boyer, Ruth	Olmstead, Zoe
Buchner, Dorothy	Pennybaker, Kenneth
Bullard, Miss	Pennybaker, Searl
Chapel, Mrs. A.	Plummer, Esther
Chapman, Electa	Pomeroy, Dr.
Christensen, Hans	Reeves, Gertrude
Cordier, Clifford	Schramm, Elwina
Crawford, Mrs. A.	Skiff, Mrs. Mark
Curtis, Mrs. H.	Steiner, Barbara
Dorias, Mrs. C.	Rigdon, Harriet
Dupertius, Helen	Vandever, Maude
Hargrove, Nellie	Van Winkle, Mrs. I. H.
Hoover, Daisy	Wann, Mary
Hopkins, Winifred	Warner, Edith
Houston, Floy	Weatherhead, Arthur
Johnson, Louie	Winans, Fair
Josse, Eva	Wolf, Ward

School of Medicine

SENIORS.

Boyer, C. O.	Salem, Oregon
Byrd, P. W.	Spokane, Washington
Soule, A. A.	Little Shasta, California

JUNIORS.

Carstens, P. M.	Tacoma, Washington
Ellis, R. V.	Salem, Oregon
Downey, C. H.	Stayton, Oregon
Gornjobst, H.	Salem, Oregon
Gornjobst, J. H.	Salem, Oregon
Hobson, E. N.	Stayton, Oregon
Lowe, G. E.	Salem, Oregon
McIntyre, R. T.	Salem, Oregon
Pemberton, W. L.	Salem, Oregon
Snyder, C. N.	
Wainscott, C. C.	Ukiah, Oregon
Williamson, W. H.	Portland, Oregon

SOPHOMCRES.

Bates, C. E.	Salem, Oregon
Bellinger, I. E.	Salem, Oregon
Cropp, W. L.	Corvallis, Oregon
Dawson, Leon	La Grande, Oregon
Fisher, W. L.	Salem, Oregon
Hamilton, V. L.	Grande Ronde, Oregon
Hayden, D. N.	Eugene, Oregon
Hobson, L. C.	Stayton, Oregon
Miller, W. L.	Salem, Oregon
Newmyer, Phil	Salem, Oregon
Ross, D. R.	Silverton, Oregon
Rose, J. W.	Salem, Oregon

FRESHMEN.

Anderson, A. E.	Hoquiam, Washington
Coshatt, C. E.	Spokane, Washington
Dunham, G. W.	Independence, Oregon
Edwards, R. L.	Marshfield, Oregon
Finney, A. E.	Astoria, Oregon
Hamilton, C. W.	Willamina, Oregon
Hart, Ethel M.	Portland, Oregon
Howard, M. G.	Monroe, Oregon
Hoy, L. L.	Salem, Oregon
Joseph, E. C.	Salem, Oregon
Keizer, Phil J.	Salem, Oregon
McRae, R. D.	North Yakima, Washington
Miller, R. B.	Amity, Oregon
Nelson, C. V.	Salem, Oregon
Reeves, F. H.	Salem, Oregon
Tharp, H. Z.	Willamina, Oregon
Teidemann, A. W.	Vale, Oregon
Vandever, J. C.	Bend, Oregon
Van Vlerah, C. C.	Salem, Oregon
Wade, C. B.	Roseburg, Oregon

School of Law**SENIOR CLASS.**

Baker, A. R.	Salem, Oregon
Eckersley, James W.	Julisita, Nebraska
Chamberlin, Hollister	Salem, Oregon
Chamberlin, Weller	Salem, Oregon
Crawford, James W.	Salem, Oregon

Eakin, Robert S.	Salem, Oregon
Ey, Frank F.	Santa Anna, California
Graham, Sidney	Portland, Oregon
Lewelling, L. G.	Tangent, Oregon
Lloyd, Virgil L.	Salem, Oregon
McKnight, Charles H.	Lewisville, Illinois
Nys, Joseph J.	North Yamhill, Oregon
Pierce, L. R. M.	Salem, Oregon
McMechan, Earl B.	North Yakima, Washington
Schaupp, Arthur W.	Linn Grove, Indiana
Skiff, George F.	Salem, Oregon
Stanford, Burton L.	Joseph, Oregon
Staats, Sylvester L.	Salem, Oregon
Upjohn, Lois Byrd	Salem, Oregon

JUNIOR CLASS.

Benjamin, Joseph A.	Pittsfield, Massachusetts
Codding, George A.	Valley City, North Dakota
Culbertson, W. A.	Gravel Ford, Oregon
DeLong, Merton R.	Salem, Oregon
Farnell, J. Victor A.	Beryne, Illinois
Hjorth, Justus	Helsingford, Finland
Hopkins, George F., Jr.	Dallas, Oregon
Knutson, Karl J.	Meridian, Idaho
Macey, Bert W.	Salem, Oregon
Martin, Edgar L.	Salem, Oregon
Melson, LeRoy S.	Salem, Oregon
Minton, Albert N.	Salem, Oregon
Nott, Earl A.	McMinnville, Oregon
O'Conner, Frank N.	Salem, Oregon
Reigelman, Perry P.	Salem, Oregon
Roberts, John J.	Salem, Oregon
Shepard, Robert J.	Roosevelt, Washington
Stearns, Joseph O.	Portland, Oregon
Stone, Dora M.	Salem, Oregon
Stone, R. H.	Salem, Oregon
Throne, John M.	Salem, Oregon
Wells, Glenn Y.	Portland, Oregon
Wilson, George T.	Portland, Oregon

School of Theology

SENIOR YEAR.

Creesy, Charles Lester	Canby, Oregon
Iwasaki, Totaro	Japan
Pepper, William Bains	Salem, Oregon
Senow, Gaintsu	Japan
Uemura, Seiziro	Japan

MIDDLE YEAR.

Allen, Robert H.	Salem, Oregon
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JUNIOR YEAR.

Baker, Minnie B.	Spokane, Washington
De Long, Dow	Spokane, Washington
Jackson T. Roy	Hood River, Oregon
Lockett, Earl M.	Falls City, Oregon
Marcy, Milton A.	Portland, Oregon
Myers, Alnard Eugene	Eugene, Oregon
Schroeder, Hans George	Salem, Oregon

SPECIAL.

Allen, Mrs. Robert H.	Salem, Oregon
Clarke, Beulah M.	Salem, Oregon
Gittins, Edward	Amity, Oregon
Haskin, Alma	Lebanon, Oregon
Lamb, Warren B.	Salem, Oregon
McCain, Harry G.	Salem, Oregon
Stone, R. H.	Manor, Saskatchewan, Canada
Stone, Mrs. R. H.	Manor, Saskatchewan, Canada

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