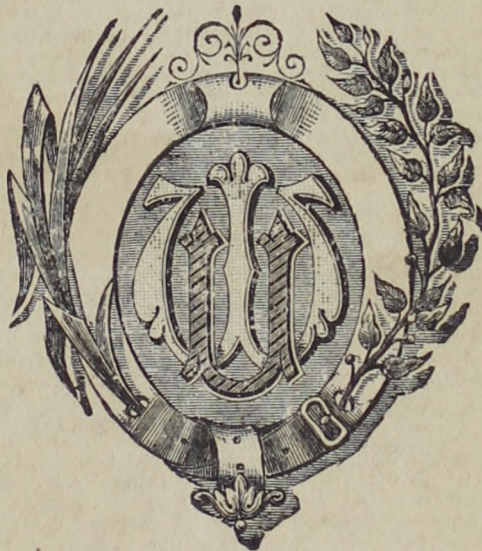


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College of Liberal Arts

SEVENTIETH YEAR



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WILLAMETTE UNIVERSITY BULLETIN

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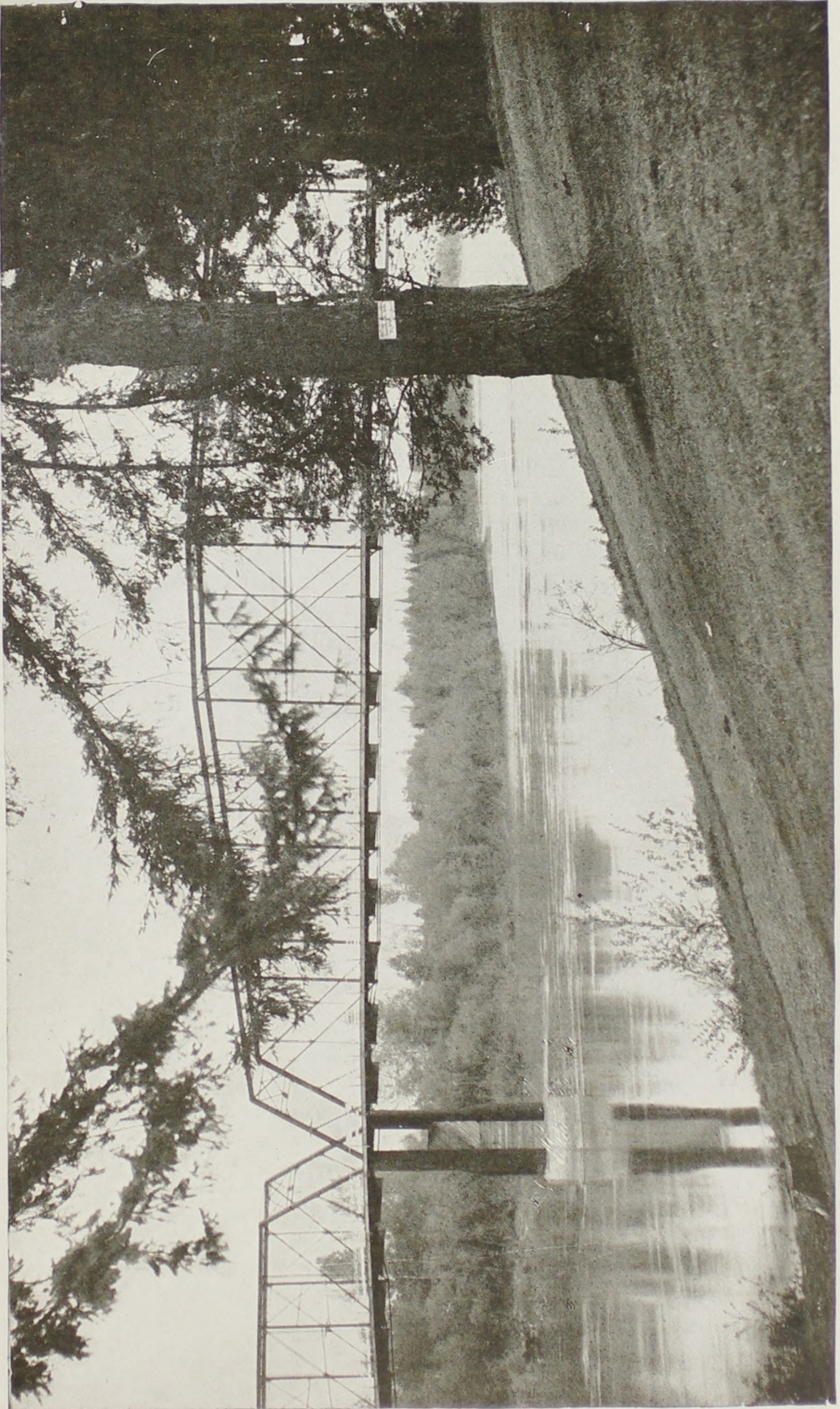
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SALEM, OREGON, JULY, 1913

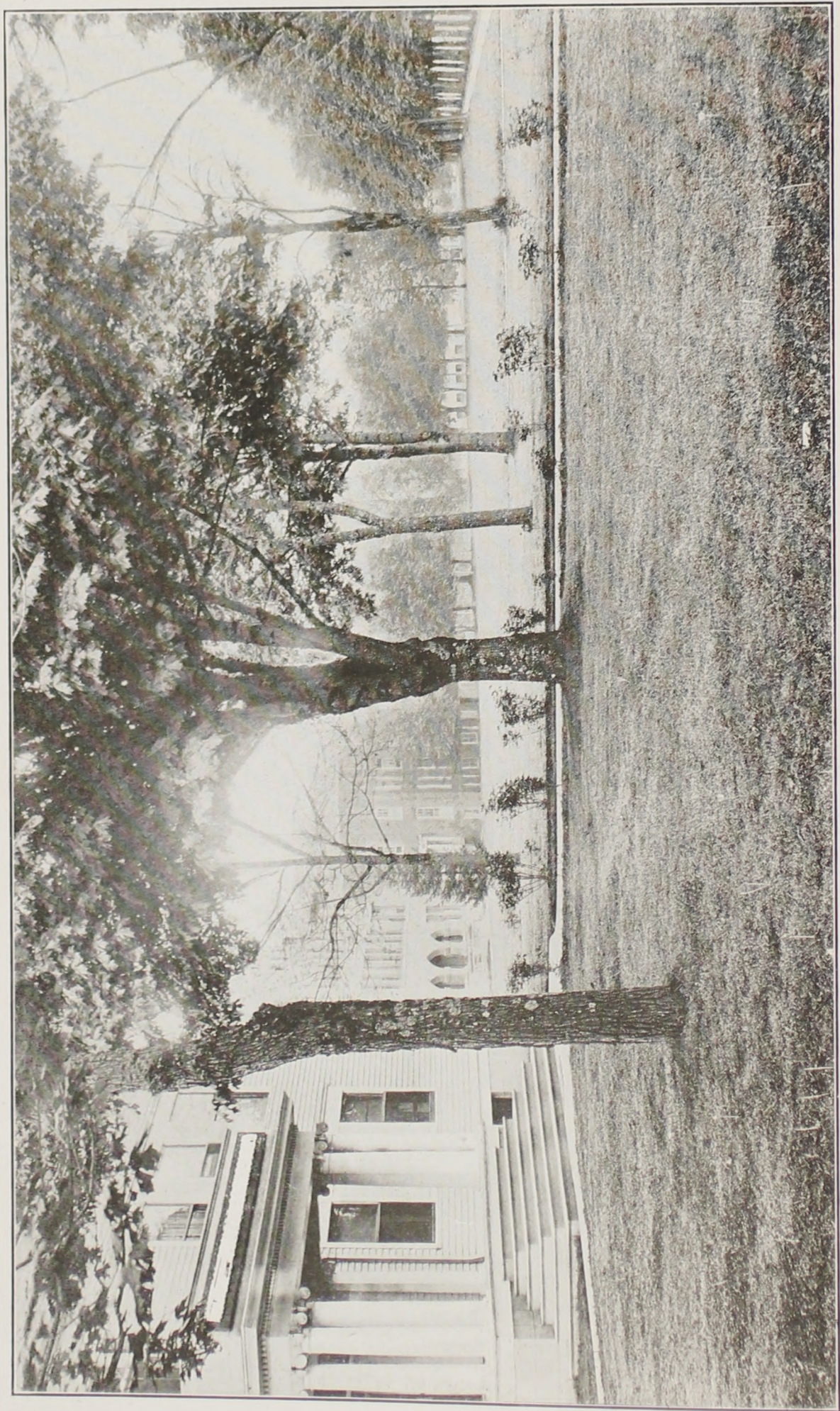
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STOR



View of Willamette River



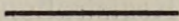
Campus Looking West



WILLAMETTE UNIVERSITY

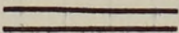
COLLEGE OF LIBERAL ARTS

Bulletin of Information



REGISTER - - 1912-1913

ANNOUNCEMENTS 1913-1914



OFFICE OF
WILLAMETTE UNIVERSITY
SALEM, OREGON

1913

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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21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
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DECEMBER							Registration First Semester Begins Sept. 15th.							Second Semester Begins Feb'y 2nd, Closes June 17th.						
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1914

JANUARY							FEBRUARY							MARCH						
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APRIL							MAY							JUNE						
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CALENDAR

1912

- September 23 College of Liberal Arts opened.
Teachers' College opened.
Academy opened.
- November 28-29 Thanksgiving Recess.
- December 20 Christmas Vacation began.

1913

- January 6 School work resumed.
- Jan. 31-Feb. 2 Examinations of First Semester.
- February 10 Second Semester began.
- February 13 Day of Prayer for Colleges.
- February 22 Washington's Birthday.
- March 19-26 Spring Vacation.
- April 4 Debate with University of Idaho.
- May 1 May Day Exercises.
- May 30 Memorial Day.
- June 11 Commencement Recital, Department of Music.
- June 15 Baccalaureate Sermon by President Fletcher Homan,
D. D.
3:30 p. m.—Farewell Meeting of Christian Associations.
8:00 p. m.—Sermon to Christian Associations by the
Reverend W. H. Fry, D. D.
- June 16 2:00 p. m.—Jason Lee Memorial Service.
8:00 p. m.—Inter-Society Oratorical Contest.
- June 17 10:00 a. m.—Meeting of the Board of Trustees.
Class Day, Presentation of Concrete Seats.
8:00 p. m.—Jubilee Endowment Address, Bishop E.
H. Hughes, LL. D.
8:45 p. m.—Senior Play.

- June 18 10:00 a. m.—Commencement Exercises, College of Liberal Arts. Address by the Reverend John Lamond, A. M., B. D., Edinburgh, Scotland.
2:30 p. m.—Alumni Business Meeting.
3:30 p. m.—President's Reception.
6:30 p. m.—Alumni Banquet at Hotel Marion.
- September 15-17 Registration and Special Examinations in College of Liberal Arts.
Teachers' College.
Academy.
- September 18 Instruction begins.
- November 27-28 Thanksgiving Recess.
- December 19 3:30 p. m.—Christmas Vacation begins.

1914

- January 6 8:00 a. m.—Instruction resumes.
- January 27-30 Examinations of First Semester.
- February 2 Registration Second Semester.
- February 5 Day of Prayer for Colleges.
- April 3 3:30 p. m.—Spring Vacation begins.
- April 14 8:00 a. m.—Instruction resumes.
- May 1 May Day Exercises.
- May 30 Memorial Day.
- June 9 Examinations of Second Semester begin.

COMMENCEMENT WEEK

- June 14 Baccalaureate Sermon.
Farewell Meeting of Christian Associations.
8:00 p. m.—Sermon to Christian Associations.
- June 15 Jason Lee Memorial Services.
8:00 p. m.—Inter-Society Oratorical Contest.
- June 16 Meeting of the Board of Trustees.
Class Day.
8:00 p. m.—President's Reception.
- June 17 10:00 a. m.—Commencement Exercises.
2:30 p. m.—Alumni Business Meeting.
6:30 p. m.—Alumni Banquet.

BOARD OF TRUSTEES

OFFICERS

T. S. MCDANIEL, <i>President</i>	304 Failing Building, Portland
G. F. JOHNSON, <i>Vice President</i>	Portland
I. H. VANWINKLE, <i>Secretary</i>	Salem
A. N. BUSH, <i>Treasurer</i>	Salem

ELECTED BY THE BOARD

	Term Expires
C. C. ANDERSON, 145 East Idaho Street, Boise, Idaho	1914
E. T. BARNES, Salem	1914
G. F. BILLINGS, Ashland	1914
J. H. BOOTH, Roseburg	1914
W. W. BROWN, Fife	1914
JAMES CAMPBELL, Medford	1914
GEORGE L. CLEAVER, LaGrande	1914
E. S. COLLINS, Ostrander, Washington	1914
Bishop R. J. COOKE, Portland	1914
JOHN CORKISH, 211 Lownsdale Street, Portland	1914
J. W. DAY, 874 Kerby Street, Portland	1914
M. C. FINDLEY, Grants Pass	1914
A. F. FLEGEL, 402 Failing Building, Portland	1914
R. J. GINN, Mt. Tabor, Portland	1914
J. L. HARTMAN, 233 East Sixtieth Street, Portland	1914
R. J. HENDRICKS, Salem	1914
LEE A. JOHNSON, Sunnyside, Washington	1914
G. F. JOHNSON, Selling Building, Portland	1914
THOMAS B. KAY, Salem	1914
A. A. LEE, Salem	1914
JAMES MOORE, Salem	1914
C. B. MOORES, 281 East Fifteenth Street, Portland	1914
B. LEE PAGET, Failing Building, Portland	1914
J. C. ROBERTS, Battle Ground, Washington	1914
PAUL B. WALLACE, Salem	1914

WILLAMETTE UNIVERSITY

P. J. BRIX, Astoria	1915
T. S. MCDANIEL, Failing Building, Portland	1915
C. P. BISHOP, Salem	1916
A. M. SMITH, Yeon Building, Portland	1916
B. L. STEEVES, Salem	1916
Rev. FLETCHER HOMAN, A. M., D. D., Salem	<i>Ex-officio</i>

ELECTED BY THE ALUMNI

BURGESS F. FORD, A. B. '05, Estacada	1914
I. H. VANWINKLE, A. B. '98, LL. B. '01, Salem	1915
LLOYD T. REYNOLDS, A. B. '94, R. F. D. No. 9, Salem	1916

ELECTED BY THE OREGON CONFERENCE

Hon. R. A. BOOTH, Eugene	1913
Rev. HIRAM GOULD, Forest Grove	1913
Hon. J. ISAAC JONES, Cottage Grove	1913
Rev. D. H. TRIMBLE, Portland	1913
Rev. D. H. LEECH, Albany	1914
Rev. A. R. MACLEAN, Roseburg	1914
Rev. J. T. ABBETT, Eugene	1914
Rev. R. N. AVISON, Salem	1915
Rev. W. H. FRY, Portland	1915
Rev. J. W. MCDUGAL, Portland	1915
Rev. H. S. WILKINSON, Eugene	1915
Gen. W. H. ODELL, Portland	<i>Emeritus</i>

ELECTED BY THE COLUMBIA RIVER CONFERENCE

Rev. M. H. MARVIN, Sunnyside, Washington	1914
Rev. WALTON SKIPWORTH, Newberg	1915

ELECTED BY THE IDAHO CONFERENCE

Hon. A. E. EATON, Union	1913
Rev. G. G. HALEY, Boise, Idaho	1914
F. D. McCULLY, Joseph	1915

ELECTED BY THE PACIFIC GERMAN CONFERENCE

Rev. H. F. LANGE, Walla Walla, Washington	1914
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ELECTED BY THE DANISH-NORWEGIAN CONFERENCE

Rev. C. J. LARSEN, Portland.	
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STANDING COMMITTEES OF BOARD OF TRUSTEES

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

Faculty—R. A. Booth, B. L. Steeves, Rev. H. F. Lange, Rev. M. H. Marvin, Rev. J. W. McDougall, Bishop R. J. Cooke, A. M. Smith, C. P. Bishop, Rev. H. S. Wilkinson.

Finance—G. F. Johnson, Dr. Fletcher Homan, P. J. Brix, C. P. Bishop, C. B. Moores, R. J. Ginn, George L. Cleaver, Rev. D. H. Leech.

Auditing—A. A. Lee, B. L. Steeves, Paul Wallace.

Affiliated Colleges—Rev. Hiram Gould, B. L. Steeves, I. H. VanWinkle, R. A. Booth, G. G. Haley, G. F. Johnson.

Buildings—B. L. Steeves, A. E. Eaton, I. H. VanWinkle, A. A. Lee, John Corkish, J. H. Booth, J. L. Hartman, F. D. McCully.

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, A. F. Flegel, E. S. Collins, J. C. Roberts.

Walks and Grounds—C. P. Bishop, R. A. Booth, John Corkish, J. C. Roberts, L. T. Reynolds.

Degrees—Rev. J. W. McDougall, Rev. Walton Skipworth, R. A. Booth, Rev. J. T. Abbett, A. F. Flegel, Rev. W. H. Fry.

Executive—Dr. Fletcher Homan, B. L. Steeves, I. H. VanWinkle, A. A. Lee, T. B. Kay.

Athletics—T. B. Kay, B. F. Ford, Rev. W. H. Fry, R. J. Hendricks, A. F. Flegel, I. H. VanWinkle.

Religious—J. W. Day, Rev. R. N. Avison, L. A. Johnson, E. S. Collins, Rev. James Moore, Rev. A. R. Maclean.

Library—Paul Wallace, B. L. Steeves, J. W. Day, Rev. James Moore, Rev. D. H. Trimble.

By-Laws—A. F. Flegel, A. M. Smith, Dr. Fletcher Homan, T. S. McDaniel, I. H. VanWinkle.

WILLAMETTE UNIVERSITY

ENDOWMENT COMMITTEE

G. F. JOHNSON, Portland	1914
T. S. McDANIEL, Portland	1915
A. M. SMITH, Portland	1916

ALUMNI OFFICERS FOR 1913-14

E. KINNEY MILLER, Eugene	<i>President</i>
Prof. J. B. HORNER, Corvallis	<i>Vice President</i>
CLARK R. BELKNAP, Portland	<i>Vice President</i>
J. W. REYNOLDS, Portland	<i>Vice President</i>
Mrs. MYRTIE M. KINDER, 587 East Main Street, Portland ..	<i>Secretary</i>
THEODOSIA BENNETT, Salem	<i>Treasurer</i>
HATTIE BECKLEY BELLINGER, Salem	} <i>Executive Committee</i>
A. N. MOORES, Salem	

OFFICIAL VISITORS OF THE STATE OF OREGON TO THE UNIVERSITY

(University Charter, Section 5)

Hon. OSWALD WEST	<i>Governor of Oregon</i>
Hon. THOMAS MCBRIDE	<i>Chief Justice Supreme Court</i>
Hon. ROBERT EAKIN	<i>Justice Supreme Court</i>
Hon. F. A. MOORE	<i>Justice Supreme Court</i>
Hon. H. J. BEAN	<i>Justice Supreme Court</i>
Hon. GEORGE H. BURNETT	<i>Justice Supreme Court</i>
Hon. C. L. MCNARY	<i>Justice Supreme Court</i>
Hon. WM. M. RAMSEY	<i>Justice Supreme Court</i>
Hon. D. J. MALARKEY	<i>President of the Senate</i>
Hon. C. N. MCARTHUR	<i>Speaker House of Representatives</i>

CONFERENCE VISITORS

Oregon Conference

Rev. W. R. JEFFREY, Jr.	Grants Pass
Rev. G. O. OLIVER	Seaside
Rev. C. C. RARICK	Portland
Rev. H. J. VANFOSSEN	Astoria

Columbia River Conference

Rev. WILLIAM DEWEESE	Albion, Washington
Rev. M. J. PERDUE	The Dalles
Rev. W. B. YOUNG	The Dalles

ADMINISTRATIVE OFFICERS

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 the College of Liberal Arts

IDA B. DAVIS, A. B.
Preceptress of Lausanne Hall

F. S. MENDENHALL, A. M.
Dean of the Department of Music

G. J. SWEETLAND, JR., A. M., M. D.
Athletic Director

JAMES LISLE, A. M., Ph. D.
Librarian

*Registrar***

C. C. CLARK
Superintendent of Grounds and Buildings

**To be supplied.

WILLAMETTE UNIVERSITY

FACULTY*

FLETCHER HOMAN

A. B. and A. M., Simpson College
 S. T. B., Garrett 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 1905-1909
Vice President of the University

GAYLARD H. PATTERSON, DEAN

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

EDNA A. KRENNING

A. B., Western College for Women
 B. S., Teachers' College
 A. M., Columbia University
 Work in residence for Doctorate completed
English Literature

HORTENSE PENNINGTON, 1912-13

A. B., Northwestern University
English and History, Dean of Women

*English and Public Speaking***

ROBERT B. WALSH

A. B., University of Kentucky
 Graduate Student in Syracuse University
 Graduate Student in the Universities of Heidelberg and Berlin
German and French

STELLA A. CHAPPELL

A. B., Northwestern University
 Instructor in Willamette Academy 1911-1913
Greek and Latin

*With the exception of administrative officers the names of the Faculty are arranged in accordance with the groups and Description of Courses pp 26-31.

**To be supplied.

HERBERT C. COOLEY, 1912-13

B. Ed. and A. B., Michigan State Normal College
 Graduate Student Boston University 1907-08
 A. M., Harvard University
 Sometime Fellow in Clark University
 Ph. D., Clark University

Philosophy and Education

FREDERICK G. HENKE

A. B., Charles City College
 A. M., Northwestern University
 Sometime Fellow in University of Chicago
 Ph. D., (cum laude) University of Chicago
 Professor, Nanking University, China, 1910-13

Philosophy and Education

ALICE E. PAGE

Ph. B., Penn College
 Graduate Student State University of Iowa 1907-09
 Work in residence for Master's Degree completed
 Acting Professor of History, Coe College 1909-1913

History

FLORIAN VON ESCHEN

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

Physics and Chemistry

M. E. PECK

A. B. and A. M., Cornell College
 Research work in Central America three years
 Research work in Oregon, investigating the flora and fauna of the State

Biology

JAMES T. MATTHEWS

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

Mathematics

IDA B. DAVIS

Graduate Northwestern University School of Oratory
 A. B., University of Illinois
 Graduate Student University of Illinois

Physical Education for Women

WILLAMETTE UNIVERSITY

FREDERIC S. MENDENHALL

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

School of Music, Southwest Kansas College
 Studied under Frank Croxton and Madame Zabriskie, New York City;
 Harlan J. Cozine, Chicago; and others

Voice Culture

EDITH R. COLLAIS, 1912-13

Colorado College and Denver University Schools of Music
 Studied under Samuel Jessup from London; Anthony Carlson, Boston; and others

Assistant in Voice

JOY INMAN TURNER

Willamette Graduate in Music
 One year New England Conservatory, Boston
 Studied Violin under Eugene Gruenberg

Violin and Assistant in Piano

ACADEMY

MARY E. REYNOLDS

B. S., Willamette University
 Teacher in Willamette University 1898—

History and Mathematics

BEULAH M. CLARKE

A. B., Willamette University

English and Latin

WALTER H. DEBRA

B. S., Cornell College

Science

LECTURES AND ADDRESSES, 1912-13

CHARLES M. SHELDON

Author, Lecturer

ROBERT HALL

Y. M. C. A., India

R. J. COOKE, D. D., LL. D.,

Bishop of the Methodist Episcopal Church

FRANCIS J. McCONNELL, D. D., LL. D.

Bishop of the Methodist Episcopal Church

C. D. WILLIAMSON, D. D.

Traveler and Lecturer

HARRY PLATZ

Secretary of the National Prohibition League

CLARENCE TRUE WILSON

Secretary of the Temperance Society of the M. E. Church

FRED B. SMITH

International Y. M. C. A. Committee

RAYMOND ROBINS

International Y. M. C. A. Committee

Mrs. COTTON MATHER

Woman's Home Missionary Society

H. S. WILKINSON, D. D.

Pastor First M. E. Church, Eugene, Oregon

HARRY F. WARD

Secretary Federation for Social Service of M. E. Church

Judge DANIEL WEBSTER

ENTERTAINMENTS IN THE CITY

Available to students

Madam HERBST WRIGHT

OLGA STEEB

DAVID BISPHAM

CARRIE JACOBS BOND

Madam NORDICA

FRANCES PELTON JONES

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, on February first, planned a school for their own children, adopted a constitution and by-laws March fifteenth, 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

Waller Hall 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

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.

1905

The brick building known as Science Hall 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 Department 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.

1910

In April Hon. R. A. Booth, of Eugene, Oregon, proposed to give \$100,000 to the College of Liberal Arts on condition that the total endowment be increased to \$500,000, and an additional \$50,000 be secured for building purposes.

1911

In January James J. Hill offered \$50,000, on condition that \$250,000 more were raised. The conditions were met and Mr. Hill sent his check for \$50,000, in April, 1913.

1912

In March Peter W. Severson gave \$100,000. Two chairs will be named in honor of this gift, one the Peter W. Severson chair, and the other the Sarah A. Severson chair.

Mr. E. E. Upmeyer in his will left to Willamette University about 2000 acres of land, the proceeds of the sale of this land to be used in endowment and to found a chair in the College of Liberal Arts in his name.

1913

On January 14, 1913, the Trustees voted to inform Mr. J. J. Hill that \$250,000 cash had been secured. The receipt of \$50,000 from Mr. Hill closed this campaign.

Mr. Booth accepted the report of the Trustees on June 17 that the campaign begun in 1910 was completed, as the endowment was then over \$500,000, and in addition there was \$50,000 in the building fund.

WILLAMETTE'S HONOR LIST

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

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 18,000 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.

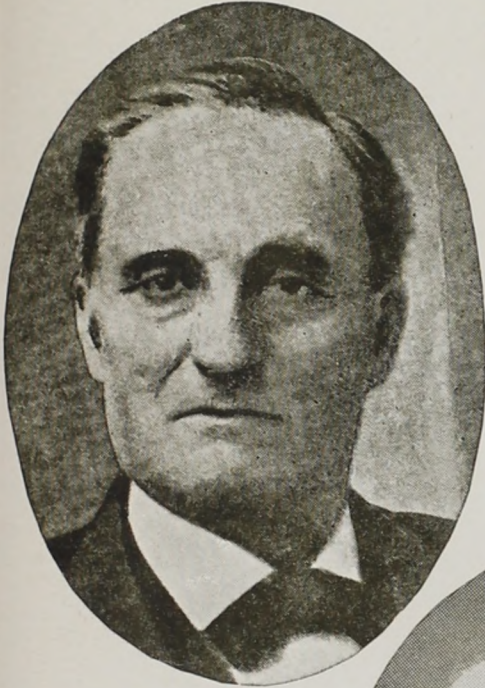
Salem is pre-eminently a city of schools. Counting Willamette University as one, there are ten schools, academies and colleges within the boundaries of Salem and near its borders.

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.

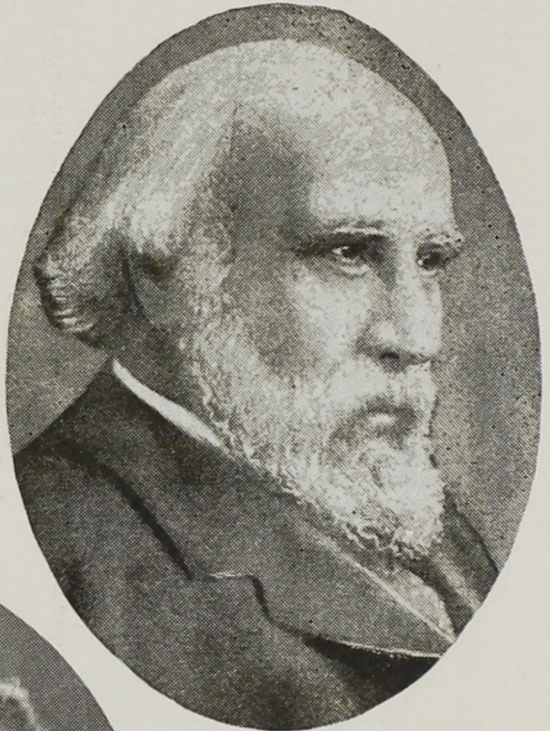
BUILDINGS

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.

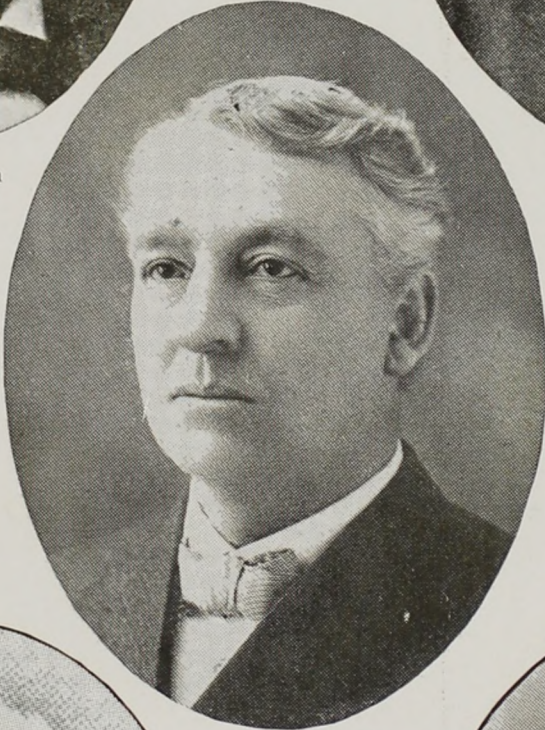
SOME OF WILLAMETTE'S BENEFACTORS



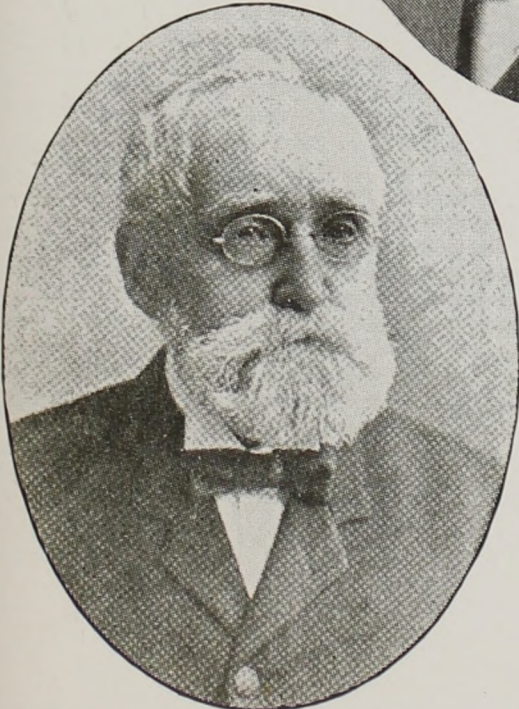
A. E. Eaton



J. J. Hill



R. A. Booth



Peter W. Severson

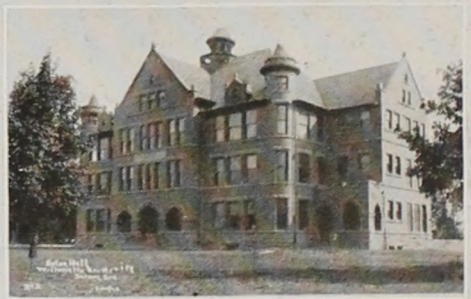


E. E. Upmeyer



MAPLE WALK

Ches.



EATON HALL



WALLER HALL



CHapel WALK

Waller Hall 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 Science Building is a three-story brick and stone building with ample accommodations for the Science Department.

The Theology Building, 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 Department of Music, and meets the needs of the University in this respect.

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

The Gymnasium has been enlarged and remodeled so as to be fully adapted to the requirements of physical training and athletics. It is now one of the best gymnasiums on the Pacific Coast. Several hundred dollars are being expended this summer in installing a furnace, dressing rooms, lockers, and shower baths for the benefit of the young women.

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.

GENERAL REGULATIONS

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.

STUDENT ORGANIZATIONS

The Student Body is the organization of the students in 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 Student Body fee of \$2.50 per semester, payable at the time of registration, constitutes a fund for the administration of these various activities.

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

The Girls' Willamette Club, whose purpose is the promotion of worthy standards of conduct in all college activities, athletic, literary and social, and the commemoration of Jason Lee.

The Oratorical Association, in connection with the Inter-Collegiate Association, conducts the local oratorical contests.

The Student Volunteer Band is an association of young people of the College who plan for service in the foreign field.

The Teutonia Verein is a club of students seeking ease and fluency in German conversation through informal social intercourse.

The Literary Societies, four for the college, two for the young women, the Adelante and Philodosian; two for the young men, the Websterian and the Philodorian; and two for the Academy, the Adelpian for the girls and the Criterion for the boys, afford opportunity for such work as is usually undertaken by such organizations. They have pleasant and well furnished halls.

The Glee Club, composed of a limited number of young men selected by the Dean of the Department of Music, gives concerts in Salem and makes annual tours.

The Ladies' Musical Club is composed of young women with fair vocal talent, who appear in recital and in different programs in connection with the University.

The clubs, together with the large chorus choir under the direction of the Dean of the Department of Music, constitute the *Choral Society* which appears annually in concert.

PUBLICATIONS

The University Bulletin is issued quarterly in July, October, January and April, and furnishes information concerning the College, its activities and development. Extra numbers are published from time to time.

The Collegian is the college paper published weekly. The Editor and Business Manager are elected by the Student Body. Subscription to the *Collegian* is included in the Student Body fee.

The Wallulah, published by the Junior Class, presents the various phases of college life from the student's point of view. Its sponsors are given special attention.

The Hand Book of the Christian associations is published annually and contains a miscellaneous body of useful information concerning college organizations and activities.

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 \$1,000 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 SCHOLARSHIPS

The Oregon Children's Aid Society has made Willamette University trustee to handle a fund of approximately \$8,000, 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. These scholarships amount to \$100 each.

PHYSICAL EDUCATION

The need of physical exercise and training is apparent. It is the plan of the President and faculty to keep in touch with this work in such a way as to eliminate evils and make athletics clean and productive of real benefit to the participant. Students having unsatisfactory scholastic rank are debarred from inter-collegiate contests.

The college plans outdoor and indoor work for men and women. Regular teams in football, baseball, basketball and in track and field athletics are maintained. Through these, the reserves, and class teams a large number of students are given outdoor exercise under the care of Dr. G. J. Sweetland, Jr., Athletic Director.

Lectures on personal hygiene are planned by Dr. Sweetland. Breathing, bathing, clothing and kindred subjects will be considered.

The work for young women will be in charge of a woman especially prepared to give them physical training. Corrective gymnastics for those defective in posture, together with aesthetic gymnastics, will be required in order to promote symmetrical development as a basis for health, poise and grace.

LAUSANNE HALL

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

This is a home-like and pleasant dormitory for young women. Applications for rooms should be made early, as they are considered in the order in which they are received, a deposit of \$5.00 being required for the reservation of a room. This deposit is returnable at the end of the year.

Expenses at Lausanne Hall—Room, board, heat and light, per week, \$4.50 to \$5.00. Payment of \$40.00 on account of board and room must be made at the beginning of each semester, and the

remainder at the middle of the semester. No deduction is made for an absence of less than a week, nor for absence the first or last week of the semester.

BOARDING CLUBS

Two co-operative clubs of fifty young men have succeeded in securing satisfactory board at \$3.00 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 freshmen 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 burners, etc., for each student; also a very large supply of chemicals for the side-table, 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 engineers' 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 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 School 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, adjoining the campus to the west, contains 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 *in cursu*, 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, *in residence*, 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.

The fees are the regular tuition and incidental fees of the College.

CHRISTIAN LIFE

Instead of setting apart a distinct department to Applied Christianity or Christian Teaching, Willamette recognizes Christianity as the chief formative force in modern civilization and seeks to acquaint students with its principal institutions and representative forms of activity. It seeks to inspire them to apply Christian principles and ideals to their own lives and to the social conditions that prevail today. Foundations are laid, broad and deep, through a study of religion in its historic development and in its philosophical aspect,

noting the distinguishing ideals of Christianity as set forth in the Bible and their inspiration to improvement in individual character and in social condition wherever introduced (Missions).

The application of Christian principles and ideals to the great social problems of the day is the subject of special study and it is the aim to inspire the students to come into close touch with present day social conditions and become factors in the solution of the problems presented, not only by equipping them for the work of the Church in the Sunday School and other organizations, but also by qualifying them to bring about a closer relationship between the Church and modern life. To this end it is well that religion, the Bible, Christianity, service, human interests, should be brought into prominence not in separate, isolated aspects, but in relation to history, literature, philosophy, social science, and all the departments of study, as the vital, informing spirit of all.

Personal problems of the Christian life are not left to a study of the psychology of religion, but are made the subjects of conference with those of vital Christian experience, the President, the Dean, and the various members of the faculty, in accordance with the student's selection.

The University is devoted to Christian culture, but is not sectarian. Devotional exercises are observed each school day in the Chapel. The Salem churches take especial interest in students, both in the regular services and in the Sunday Schools and young people's organizations. Students attend the church of their choice.

STANDARDIZATION

The College of Liberal Arts is approved as a standard college by the United States Bureau of Education and the University Senate of the Methodist Episcopal Church.

It meets the requirements for certificates for teaching in four-year high schools, adopted by the conference of the Chief State School Officers of the North Central and West Central States, at Salt Lake City, November 17, 18, 19, 1910, namely, "Any diploma from a standard college or university granted upon the completion of a 120-semester hour course including 15 hours in education shall be recognized." It also meets the requirement for certification in Oregon, Washington and Idaho.

ADMINISTRATION

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.

REQUIREMENTS FOR ENTRANCE

Willamette University affords special advantages in the articulation of the courses in college with those of secondary schools, in the fact that it makes only such requirements as enable a student to connect the courses of the secondary school with college courses, and in the fact that his work in college may be so adjusted as to enable a student to take sub-freshman work in the Oregon Institute in order to attain prerequisites to the study of such college subjects as he desires to pursue.

Of the fifteen (15) units required for unconditioned admission to the Freshman class at least three should be in English as a basis of college work in English and as the working instrument not only of college life, but of all life; two should be in one foreign language* as each year of work in college in a foreign language is the equivalent of two years work in the secondary school; two should be in mathematics to qualify the student for college work in mathematics; one in natural science and one in social science (including history).

The remaining units may be selected from the usual high school subjects, not more than four in vocational subjects being allowed and these only when they are of a grade equal to that of the other subjects.

"A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work."

Those desiring admission by certificate should secure blanks to be filled out by the proper authorities of the schools from which they

*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. Two years additional foreign language or the equivalent must be taken in College.

come and filed with the Registrar at least one week before the opening of the year.

Students entering on certificate are considered on trial until they give satisfactory evidence of ability to carry the work which they undertake.

COLLEGE CREDIT FOR EXTRA ENTRANCE SUBJECTS

Students entering from high-grade preparatory schools with credits in excess of the requirements for admission and desiring to have these counted toward the 120 semester hours required for graduation must give evidence of having done work of college grade in the subjects either by successfully continuing them in college or by passing examinations in the subjects covered by such credits before they may be counted. Advanced credits may be so earned in such subjects as German, French, Greek, Higher Algebra, etc.

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.

THE GROUP SYSTEM

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

I	II	III
LETTERS	SOCIAL SCIENCES	NATURAL SCIENCES
English Language	Sociology	Physics
English Literature	Economics	Chemistry
Public Speaking	History	Geology
Latin	Political Science	Botany
Greek	Philosophy	Zoology
German	Psychology	Physiology
French	Education	Astronomy
Spanish	Ethics	Mathematics

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

1. At least six hours of English.
2. Fifty hours additional in the group of one's choice, including a major of eighteen to twenty-four hours in one department.

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

4. Sufficient free electives to make a total of at least one hundred and twenty semester hours, exclusive of physical education.

MANIFEST OF SUBJECTS

within the three groups leading to the Bachelor of Arts degree showing the sequence of courses which should be observed by the student in making his selections:

	LETTERS	SOCIAL SCIENCES	NATURAL SCIENCES
FRESHMAN	English Latin English Literature Greek and Roman Literature in English Psychology Public Speaking Greek	English Foreign Language Bible Greek History* Roman History§ Psychology Anthropology§ Organic Evolution*	English French German Chemistry Systematic Botany Organic Evolution* Algebra Trigonometry*
SOPHOMORE	Latin Greek Advanced Composition* Short Story§ Oratory* Argumentation & Debate 19th Century Prose* 19th Century Poetry§	Foreign Language History, Western Europe Zoology Bible Advanced Psychology* Educational Psychology§ History of Education* Development of the State*	French German Zoology Surveying§ Analytics§ Qualitative Analysis Organic Chemistry* General Geology§
JUNIOR AND SENIOR	Latin Methods in Latin The Drama* Shakespeare§ Tennyson* Browning§ German Methods in German Dramatic Interpretation Old English* Middle English§ History of the English Language French American Literature The Novel Spanish Methods in English Newspaper Writing	Logic* Ethics§ Economics American Government§ History of England History, Modern Europe History of Religion* History of Missions§ Intro'd'n to Philosophy* Modern Philosophy§ Sociology* History of United States Methods in History§ Comparative Politics* Jurisprudence§ History of Philosophy Psychology of Religion§ Principles of Teaching* Philosophy of Education§	Quantitative Analysis Economic Geology Mechanics, Sound, Heat* Electricity, Magnetism and Light§ Methods in Physics§ Botany Calculus Sol. Analytical Geometry* Assaying Mineralogy Methods in Chemistry* Physiology Methods in Biology Descriptive Astronomy§ Spherical and Practical Astronomy§ Advanced Calculus Spherical Trigonometry*

The above arrangement of groups with the years in juxtaposition enables the student to see at a glance the subjects in each group open to him.

Each group includes English, six hours required of all, and a few subjects from other groups prerequisite to further study in the particular group.

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

*Indicates subjects offered the first semester

§Those offered the second semester. Others are year subjects.

A student's studies are to be selected with the advice of the head of the department in which his major is taken.

The choice of a major in some one department secures concentration and continuity in a field of specialization while the selection of further subjects in the group of one's major to the extent of fifty hours gives familiarity with subjects contributory to the major. The selection of twenty-five hours in each of the other groups brings the student into contact with the main divisions of modern study, thereby securing breadth of culture.

TIME REQUIRED

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

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

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

FOUNDATIONS FOR THE PROFESSIONS

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

Medicine—Preparation for medicine may be secured through a major in Biology and a minor in Chemistry.

Law—Salem offers unusual advantages to the student intending to enter this profession. Here are the Courts, the State Law Library, etc. In Willamette he may make a major in Social and Political Science and give special attention to History, English and Forensics.

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

SPECIAL STUDENTS

Willamette 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, and business 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 Science, 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.

COLLEGE REQUIREMENTS

The requirements of a course include both the semester work and the examination. A student is excluded from examination

When his semester work is below passing grade.

When he has unexcused absences during a semester as follows: Three or more from any one-hour class. Five or more from any two-hour class. Seven or more from any three-hour class. Nine or more from any four-hour class. Eleven or more from any five-hour class.

Any unexcused absence during the forty-eight hours at the opening or close of a semester, before or after any vacation or holiday is counted as three absences. Three tardy marks count as one absence.

STANDING

The relative rank of a student is determined by the instructor who computes it from the work during the semester and the examination. The members of a class are ranked in four groups in the order of merit. The first group includes those whose standing is excellent, marked "E," and should not include more than 10 per cent of the entire class. The second group includes those whose standing is satisfactory, marked "S," and does not include more than 50 per cent of the entire class. The third group includes those whose standing is passing, marked "P." The fourth group includes those whose standing is below passing, marked "F."

A report of the standing of each student is sent to the parent or guardian by the Registrar, at the close of each semester.

No student is marked "Excellent" in any class when he has the following unexcused absences: One from a one-hour class.

Two from a two-hour class.

Three from a three-hour class.

Four from a four-hour class.

Five from a five-hour class.

ELIGIBILITY

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

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

To participate in any inter-collegiate or inter-society contest or represent the college or any class or any society in any public way, a student must be regularly registered and be doing satisfactory work in a minimum of twelve hours of college work. A student below passing grade in any course for which he has registered is debarred from participation in any such contest or representation.

DESCRIPTION OF COURSES

COLLEGE LIFE

A general survey of college life: its conditions and opportunities, the departments of study, selection of courses, methods of study, note taking, literary societies, recreation, athletics, social functions, the relation of the college and the college man to the community, the choice of a vocation, etc., will be considered. This work will be in charge of the Department of Social Science in collaboration with other departments. Primarily for Freshmen. First semester.

GROUP I—Letters

ENGLISH

EDNA KRENNING and ———, *Professors*

A. ENGLISH LITERATURE

1 and 2. *History of English Literature*. Especial study will be given to the great movements and schools in the development of English Literature. Recitations, occasional lectures and the reading of several masterpieces. Two hours throughout the year.

This course or its equivalent is pre-requisite to all other courses in this division.

3. *Nineteenth-century Prose*. Carlyle, Ruskin and Arnold. The political, social and religious movements of the period will be studied in connection with the works of these authors. Three hours, first semester.

4. *Early Nineteenth Century Poetry*. Brief consideration will be given to eighteenth century literary theories, followed by a detailed study of the romantic movement in European literature as a revolt against classicism. The poetry of Wordsworth, Coleridge, Byron, Shelley and Keats will be given intensive study. Three hours, second semester.

5. *Development of the Drama to the Time of Shakespeare*. A study of Greek drama with special attention to the works of Sophocles, Aeschylus and Euripides; Latin drama with special attention to Seneca; the mystery, miracle and morality plays; representative plays of Lyly, Greene, Peele and Marlowe. Two hours, first semester.

6. *Shakespeare*. A careful study of eight plays. Special attention will be given to Shakespeare's technique of play-making. Two hours, second semester.

7 and 8. *Tennyson and Browning*. Lectures, class discussion and a considerable amount of reading. Two hours, throughout the year.

It is advised by the department that this course be preceded by English History and work in Social Science, and English 4.

9 and 10. *Development of the Novel*. A careful study of the origin and growth of the English novel, with reading of representative works to illustrate its development. During the second semester the works of Scott, Dickens, Thackeray, Eliot, Meredith and Stevenson will be studied. Two hours, throughout the year.

11 and 12. *The Teaching of English in Secondary Schools*. Open only to Seniors. A careful study of Secondary School English; value of texts; teaching of composition; the essay; the novel; poetry. One hour, throughout the year.

13 and 14. *Literary Criticism*. The history and principles of Literary Criticism from Aristotle to the present time. Open only to Seniors. Two hours, throughout the year.

14 and 15. *American Literature*. A study of American Literature from the view point of American ideals and the relation of American to English Literature. Special study of the works of Cooper, Hawthorne, Irving, Emerson, Thoreau, Lowell, Longfellow, Poe, Holmes, Whitman, Lanier. Open to Juniors and Seniors. Two hours, throughout the year.

17. *Old English*. A study of Anglo-Saxon Grammar, and translating of selections from the literature of the period. Two hours, first semester.

18. *Middle English*. A study of the life and literature of England of the fourteenth century, with special emphasis on the works of Chaucer. These will be studied from both the literary and linguistic side. Two hours, second semester.

B. ENGLISH LANGUAGE

1 and 2. *Constructive English*. A study of structure in the sentence, paragraph, and four leading forms, description, narration, exposition and argumentation. Practical exercises in composition required throughout the year. Written work is corrected and discussed in personal conference with the student. Required of all Freshmen. Three hours, each semester.

3. *Advanced Composition*. Emphasis is placed upon actual composition and criticism of essays, editorials, occasional speeches, addresses for academic events, etc. Two hours, first semester.

4. *Advanced Description and Narration*. Especial attention is given to description as used in narration and exemplified in the essay, short story, etc. Two hours, second semester.



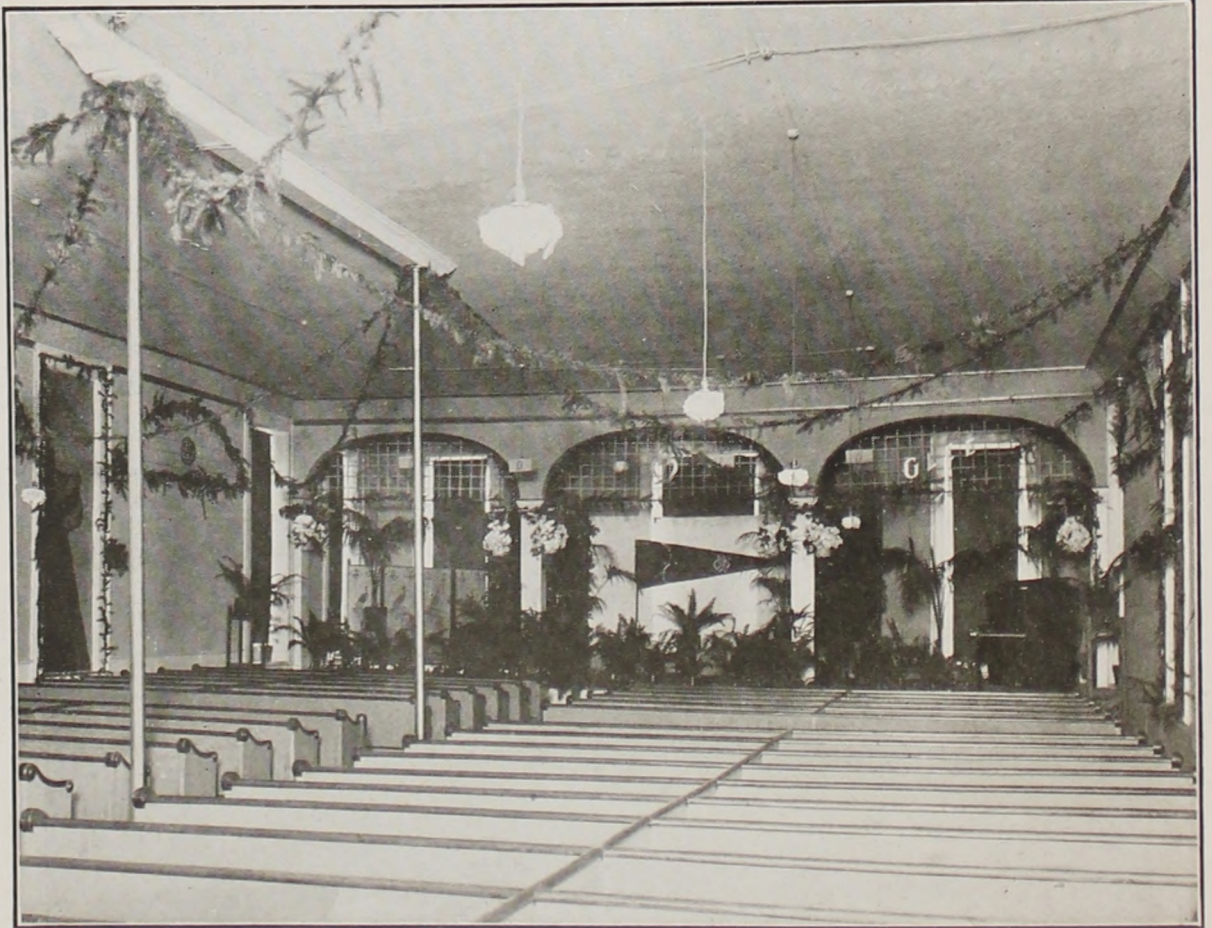
Northeast Corner of Campus



Northwest Corner of Campus, Showing Science Hall and Carnegie Public Library



Y. W. C. A. Rest Room, Eaton Hall



Chapel Decorated for Glee, Waller Hall

5 and 6. *History of the English Language*. A study of the origins of the language, of the various elements of which it is composed and of present-day English with reference to the derivation and history of words and with a view to the increase of vocabulary and improvement of diction. Two hours, throughout the year.

7 and 8. *Newspaper Writing*. A Seminar in practical Journalism for the editors of the Collegian, the Wallulah, the college reporters to the Salem and Portland papers and others interested. Criticism of published writings. One hour, throughout the year.

C. PUBLIC SPEAKING

1. *Fundamentals for Good Reading and Speaking*. Training in correct pronunciation of the English Language, distinct utterance, and proper use of the voice. Two hours, first semester.

2. *Interpretative Reading*. The interpretation and delivery of masterpieces with attention to proper expression and gesture. Two hours, second semester.

3. *Orations*. The composition and delivery of orations. A study of the principles governing the selection and arrangement of materials with reference to the effect upon the audience. Two hours, first semester.

Extra credit may be earned by the orator representing the College in the Inter-Collegiate Oratorical Contests.

4. *Argumentation and Debating*. A study of practical methods of reasoning—the preparation of questions and briefs with attention to the clear, orderly and cumulative presentation of argument. Two hours, first semester.

5. *Debate Seminar*. Exercises in logical attack and defence. For members of the Inter-Collegiate Debating Teams and alternates. Second semester.

6 and 7. *Dramatic Interpretation*. The technique of the preparation and presentation of plays and scenes from plays, under the criticism of the department. It comprises all public dramatic performances given in the College.

GREEK AND LATIN

STELLA A. CHAPPELL, *Professor*

The aim of this department is three-fold:

First, to give to the student the training in close application and accurate thinking for which classical study is peculiarly adapted.

Second, to inspire an appreciation of the beauty and worth of Ancient Literature through a personal knowledge of representative writers.

Third, to give a comprehensive view of the field of Greek and Roman Literature, showing their relation to modern letters.

GREEK

1. *Elementary Greek*. Grammar, composition; selections from Xenophon's *Anabasis*. Four hours, first semester.

2. *Xenophon's Anabasis*. Selections from the *Iliad*. Four hours, second semester. (Equivalent to two years in secondary schools.)

3. *Homer*. The *Odyssey*. Two hours, first semester.

4. *Plato*. *Apology* and *Crito*. Two hours, second semester.

*5. General survey of Grecian History and customs in relation to Greek Literature. Two hours, first semester (1913-1914).

*6. General survey of Greek Literature, representative types, translations, etc. Two hours, first semester (1914-1915).

*Courses 5 and 6 do not presuppose a reading knowledge of Greek.

LATIN

1 and 2. *Cicero-Vergil*. Approximately the work completed in a two-year's course in secondary schools. Four hours, each semester.

3. *Cicero*. *De Senectute* and *De Amicitia*. Three hours, first semester.

4. *Livy and Tacitus*. Selections from *Livy's History*. The *Agricola* of *Tacitus*. Three hours, second semester.

5. *Horace and Plautus*. *Odes* and *Epodes* of *Horace*. The *Captivi* of *Plautus*. Two hours, first semester.

6. *Terrence and Catullus*. The *Adelphi* of *Terrence*. Selections from *Catullus*. Two hours, second semester.

*7. General survey of Roman history and customs in relation to Roman Literature. Two hours, second semester (1913-1914).

*8. General survey of Roman Literature, representative types, translations, etc. Two hours, second semester (1914-1915).

9. *Methods*. A discussion of methods of teaching Latin. One hour.

*Courses 6 and 7 do not presuppose a reading knowledge of Latin.

MODERN LANGUAGES

R. B. WALSH, *Professor*

GERMAN

1. *Elementary Course*. Grammar: *Thomas' German Grammar*; *Glueck Auf-Wenkebach*. Four hours, first semester.

2. Immensee, Storm; Hoehner als die Kirche-Hillern; German Poems for memorizing and composition and colloquial exercises based on texts read. Four hours, second semester.

3. *The Classic Drama*. Reading from Lessing and Schiller, such dramas as Wilhelm Tell, Die Jungfrau von Orleans, Minna von Barnhelm, Nathan der Weise, with lectures on the lives and works of the authors; Composition; Collateral, Das Edle Blut; Memory Work. Three hours, first semester.

4. *Studies in the Life of Goethe*. Hermann und Dorothea, and other selections of equal grade; Composition; Collateral, Der Fluch der Schoenheit; Memory Work. Three hours, second semester.

5 and 6. *A Course in Modern German*. Reading from Scheffel, Sudermann and Hauptmann; Composition. Two hours, each semester.

7 and 8. *Faust*. A Seminar, Books I and II are read and discussed; papers are presented from time to time on questions which arise from the discussions in the Seminar. Theses are presented at the close of the course. Two hours, each semester.

9. A course in German Lyrics and Ballads based on Hatfield's Lyrics and Ballads in comparison with Percy's Reliques. Two hours, first semester (1914-1915).

10. *A Course in German Hymnology*. Two hours, second semester (1914-1915).

FRENCH

1. *Grammar Course*. Fraser & Squair French Grammar; Aldrich & Foster French Reader. Four hours, first semester.

2. Continuation of course 1 and Mallots' Sans Famille; Composition; Memory Work. Four hours, second semester.

3. *Intermediate Course*. Moliere's L'Avare; Racine's Esther; Corneille's Le Cid; Collateral Readings from French History. Three hours, first semester.

4. Continuation of course 3. Hugo's Herman or Notre Dame de Paris; Rostand's Cyrano de Bergerac or L'Aiglon; Collateral, Colomba; Memory Work. Three hours, second semester.

SPANISH

1. *Coester's Spanish Grammar*. An introduction to the chief syntactical characteristics of the language, sufficient for a good working knowledge of the Spanish idiom; Turrell or Harrison's Spanish Reader. Three hours, first semester.

2. *De la Barca's "La Vide es Sueno"*. The reading of about 200 pages of prose and verse; composition; mastery of the uses of

modes and tenses; memorizing of easy short poems; writing Spanish from dictation. Three hours, second semester.

GROUP II—The Social Sciences

SOCIAL SCIENCE

GAYLARD H. PATTERSON, *Professor*

While social science is a group of sciences, it is also a science of groups. In the latter sense it is a study of man in his natural tendency to form groups or associations of various kinds—religious, economic, political, etc. It gives a broad view of the field of knowledge in which the student finds a proper setting and perspective for his other studies.

The basal subject of the department, constituting an introduction not only to other courses in the department but also to other social sciences, is Anthropology.

The aim of the department is to give a comprehension of those factors and processes by which the past has become the present in order that it may be the agent of humanity in finding out the larger meaning of life and the means of advancing most surely to the largest human achievement.

Religious, 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.

1. *Introduction to College Life*. See page 31.

2. *Anthropology*. A study of man: the origin of the arts and sciences, industrial organizations, marriage and the family, religion, government, etc. The physical and geographical, the biological, eugenic and genetic factors are considered. A knowledge of geology is desirable. Two hours, second semester.

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

4. *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.

5. *The Family*. A study of the origin of this vital institution and its relation to society. Two hours, first semester (1914-1915).

6. *The Church*. The institute of humanity. Its relation to social problems. Two hours, second semester (1914-1915).

7. *Religion*. An investigation of this greatest social factor, its development and contribution. Two hours, first semester.

8. *Missions*. Relation to commerce and contribution to various fields of knowledge and social progress. Two hours, second semester.

9. *The Bible*. Its influence upon language, literature, institutions and ideals. Two hours, first semester.

10. *The Social and Political Life of the Hebrews*. A study of the growth and functions of Hebrew institutions. Two hours, second semester.

11. *The State*. Its development, governmental agencies and activities. Elements of Political Science. Two hours, first semester.

12. *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.

13. *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.

14. *Social Pathology*. A study of abnormal society, preventive and remedial agencies. The defective, dependent and delinquent elements may be investigated in local institutions, viz.: Institute for the Blind, School for the Deaf-Mutes, the Institute for the Feeble Minded, the State Hospital, the Poor Farm, State Training School and the Penitentiary. The state reports of these institutions are studied in comparison with the reports from other states. Two hours, second semester.

15. *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 (1914-1915).

16. *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 (1914-1915).

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.

HISTORY

ALICE E. PAGE, *Professor*

1. *History of Greece*. A general survey of Grecian History and customs. Two hours, first semester. Miss Chappell. See Greek 5.

2. *History of Rome*. A general survey of Roman History and customs. Two hours, second semester. Miss Chappell. See Latin 7.

3 and 4. *History of Western Europe*. First Semester—The Mediaeval Period from the Fifth to the Fourteenth centuries; the decline of the Roman Empire; the barbarian invasions and kingdoms; the development of the Christian Church; feudalism; the beginnings of the modern European states; mediaeval culture. Second Semester—The Modern Period to 1815; the Renaissance; Reformation; Catholic reformation; wars of religion; the age of Louis XIV; the development of modern European states. Primarily for Sophomores. Three hours.

5 and 6. *History of England*. Open to Juniors and Seniors. Special attention is given to Anglo-Saxon institutions and the growth of the English constitution. Three hours, throughout the year.

7 and 8. *History of the United States*. Open to Juniors and Seniors. First Semester—The Colonial and Revolutionary periods, closing with the establishment of the new government in 1789. Second Semester—The period from 1789 to the Compromise of 1850. Two hours, throughout the year.

9. *Europe During the Nineteenth Century*. Open to those who have had courses 3 and 4 or their equivalent. Two hours, first semester.

10. *Secession and Reconstruction in the United States*. Open to those who have had courses 7 and 8 or their equivalent. Two hours, second semester.

11. *Methods*. The organization of historical material. Adaptation of the presentation of the subject to different stages of mental development. One hour.

PHILOSOPHY AND EDUCATION

FREDERICK G. HENKE, *Professor*

PHILOSOPHY

1 and 2. *Psychology*. A scientific study of the phenomena of consciousness, showing their relation to physiological processes but emphasizing the peculiar nature of the psychical. Two hours, throughout the year.

3. *Advanced Psychology*. A consideration of some phases of mental life introduced in course 1 and 2. Some experimental work will be undertaken. Two hours, first semester.

4. *Psychology of Religion*. A study of James' *Varieties of Religious Experience*, and a survey of some of the more important literature in the field since that book was published. The purpose is to understand more perfectly the nature of religion, that it may be more intelligently fostered. Two hours, second semester.

5. *Logic*. The aim of the course is to give the student a knowledge of correct thinking, that he may appreciate cogent reasoning and detect fallacies. A text-book is used, and practice in syllogistic reasoning given. Three hours, first semester.

6. *Ethics*. The aim is by analytical study of various ethical theories to gain correct principles of moral conduct, and to show their application in the practical affairs of life. Juniors and Seniors. Three hours, second semester.

7. *Introduction to Philosophy*. A general survey of the field in its several lines from the descriptive side. Two hours, first semester.

8. *Modern Philosophy*. Lectures and assigned readings on modern philosophy with special reference to present-day Idealism, Pragmatism, and Neo-Realism. For advanced students. Two hours, second semester.

9 and 10. *History of Philosophy*. From the beginnings of Greek philosophy to the present time. A study of the main systems and their development as set forth by leading exponents, noting the relation of philosophy to civilization. An effort is made to develop a working philosophy of life. Three hours, throughout the year.

11. *Philosophy of Religion*. A study of the theories of religion set forth by some of the principal schools with a view to working out a practical system of religious thought and action. Two hours, first semester.

12. *Educational Psychology*. A study of the educative process from the viewpoint of psychology. Especial attention will be given to adolescent physical and psychical phenomena. School hygiene will receive some attention. Two hours, second semester.

13. *History of Education*. A study of the development of educational thought and theory from Comenius to Montessori. The influence of European systems upon American education is noted, and the present trend shown. Juniors. Three hours, first semester.

14. *Philosophy of Education*. A critical survey of the field of education, following in the main Horne's *Philosophy of Education*, but supplemented by wider studies. Juniors. Three hours, second semester.

15. *Principles of Teaching*. The course aims to furnish the prospective teacher with the fundamental principles of the teaching pro-

cess, and to organize these into a comprehensive and coherent system. An opportunity is given to do a limited amount of practice teaching in the Academy and in the Salem High School. Seniors. Three hours, first semester.

16. *Religious Education.* A course designed to bring into prominence the place education holds in the development of the religious life and to furnish a basis for efficient Christian service. Open to all students of college grade. Two hours, second semester.

GROUP III—The Natural Sciences

GENERAL SCIENCE

A general course in Science is offered for those whose interests are in other fields, but who should have a general view of this field.

Biology the first semester and the Physical Sciences the second.

A. THE PHYSICAL SCIENCES

The course aims to familiarize the student with the general spirit and methods of Physical Science, by examining the more simple facts and phenomena of everyday observation. It is intended to inspire appreciation of the dignity and cultural value of scientific study. Open to all students. Three hours, second semester.

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 textbook. 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 (every year).

Chemistry 1 is open only to students who have received entrance credits in Chemistry. Others may acquire the same qualifications for advanced work by taking the above course and two hours supplemental work per week, throughout the year, thus obtaining a five-hour course. A laboratory fee of \$5.00 is required.

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 (every year). Pre-requisite, Course 1 and 2.

5 and 6. *Quantitative Analysis*. An accurate determination of some of the elements of simple compounds both by gravimetric and volumetric methods. Pre-requisite, Courses 1, 2, 3 and 4. Three hours, throughout the year (every year). A laboratory fee of \$5.00 per semester is charged.

7 and 8. *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 \$5.00 per semester is required. Two hours, throughout the year. Hours to be arranged. Pre-requisites, same as for Course 5 and 6. (1914-1915.)

9. *Organic Chemistry*. An elementary consideration of the important carbon compounds. Lectures and laboratory work. Four hours, first semester (1913-1914). A fee of \$5.00 is required. Pre-requisites. Course 1 and 2.

10. *Methods*. The course includes the historical development of Chemistry, the aim and principles of teaching Chemistry, its scope as applied to secondary schools and academies, discussion of textbooks and laboratory manuals, actual observation and practice in teaching and in conducting laboratory work. One hour, first semester.

Advanced or specialized courses will be arranged for whenever the demand is sufficient to justify the giving of such courses.

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

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 in 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 (every year).

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 (every year).

3. *Methods.* Lectures, observation of actual teaching in high schools, discussion of text-books and laboratory courses, individual practice work in the laboratory and in organizing and conducting laboratory work and in experimenting before the class. One hour, second semester.

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

GEOLOGY

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 desirable. For Juniors and Seniors. Four hours, second semester.

2 and 3. *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. Pre-requisite, Geology 1. A laboratory fee of \$2.00 per semester is required. One hour, throughout the year (1913-1914).

4 and 5. *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. Pre-requisites, Geology 1 and 2, or Geology 1 and Chemistry 3 and 4. One hour, throughout the year (1914-1915).

BIOLOGYM. E. PECK, *Professor*

The aim of the instruction in most of the courses 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.

A. *General Biology*. A survey of the general principles of both plant and animal life. Text, lectures, and laboratory work. Three hours a week, first semester.

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. Much attention is given to the comparative morphology of each group, and to its relation to human economy. The outlines followed in the laboratory work are designed to enable the student to draw his conclusions independently on the great fundamental principles of animal morphology. One lecture and four hours of laboratory work, first semester.

2. *Vertebrate Zoology*. A study of chordate animals, beginning with the lowest forms and proceeding in the same manner as in the invertebrate work. Each group is carefully compared with those above and below it, and each in turn with man. Only a few types are studied during the semester, but these in sufficient detail to give the student a fairly comprehensive knowledge of vertebrate anatomy. One lecture and four hours of laboratory work, second semester. *The course in Human Physiology, or that in Zoology in the Academy is a pre-requisite to this.*

3 and 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 and 6. *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 pre-requisite to this. Two lectures and two laboratory hours, both semesters.

7. *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.

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

9. *Ornithology.* A brief study of the structure, classification and bionomics of birds. Text, laboratory and field work. Two hours, second semester.

10. *Methods.* Historical and technical lectures on the rise and progress of General Biology. Aim, content and methods are considered in relation to secondary teaching. One hour.

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

MATHEMATICS

JAMES T. MATTHEWS, *Professor*

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

Preparatory subjects 1, 2 and 3 constitute the preparation for the work of this department.

A. ALGEBRAIC THEORY

Course A is pre-requisite to Courses 1 and 3 for students who do not offer preparatory subject 3. It considers mathematical induction, the remainder and the factor theorems, the binomial theorem for any exponent, surds, theory of quadratic equations, examples in simultaneous quadratic equations, elements of ratio and proportion, the progressions and other simple series, logarithmic computation. Graphical methods should be employed wherever they are applicable. The ability to demonstrate principles is an important part of this requirement. Three hours, first semester.

1. *College Algebra.* This course considers inequalities and limits, exponentials and logarithms, binomial theorem for any index, convergent and divergent series, expansion of functions in series, permutations and combinations, continued fractions, undetermined coefficients, determinants in brief. Three hours, second semester.

2. *Solid Geometry.* Special emphasis is laid upon the practical numerical exercises. Three hours, second semester.

3. *Plane 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; application to astronomy and navigation. Four hours, first semester.

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

5. *Spherical Trigonometry*. The celestial sphere, the astronomical triangle. Two hours, first semester (1913-1914).

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

7. *Calculus*. A continuation of Course 6. Expansion of functions, areas, volumes, length of curves, center of gravity, pressure of liquids. Three hours, second semester.

8. *Solid Analytical Geometry*. An advanced course; the plane, the straight line in space, the sphere, the cylinder, the cone. Two hours, first semester (1913-1914).

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

10b. *Spherical and Practical Astronomy*. A more mathematical treatment. Pre-requisites, Trigonometry and Elementary Physics. Two hours, second semester.

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

12. *Surveying*. Transit and level, their use and adjustment. Land surveying, leveling, plotting, computations. Several high-grade instruments belong to this department, including the Y-level and engineer's transit with solar attachment, etc., sufficient for instruction in field work. Two hours, second semester (1914-1915).

13. *Advanced Course*. A continuation of Courses 6 and 7, with applications to mechanics and an introduction to Differential Equations. Two hours, both semesters.

MUSIC

FREDERIC S. MENDENHALL, *Dean*

MRS. MENDENHALL

MISS TURNER

The Department 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 department 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. All courses lead to a diploma or a degree.

Of the 120 hours required for the A. B. degree, a maximum of ten credits is allowed for 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 theory 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:

Grade I-II. Kohler, Op. 190. Loeschhorn, Op. 84, Bk. 1. Lecoupey, Op. 17. Duvernoy, Op. 17. 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 Music, Salem, Oregon.

For rates of tuition, organ and piano rentals, see page 51.

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, Letters, Social Sciences, Natural Sciences, 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 twelve to eighteen hours being required, varying according to the work, and a minor of eight to twelve hours, in addition to at least fifteen 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 39).

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 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 sub-

jects are taught. The High School of Salem, one of the best in the State, will also afford opportunity for observation of methods.

Teachers' courses are offered in

ENGLISH
 GERMAN
 LATIN
 HISTORY
 MATHEMATICS
 PHYSICS
 CHEMISTRY
 BIOLOGY

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 page 50.)

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

OREGON SCHOOL LAW

AS TO CERTIFICATION ON GRADUATION

"Certificates shall be issued to graduates from standard colleges or universities who have completed one hundred and twenty 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.

160
B90**EXPENSES**

Student Body Fee per semester (which includes admission to all athletic and literary contests and subscription to the Collegian)	\$ 2.50
Special examination	1.00
Registration after registration days	1.00
Registration for special students	2.00
Board and room at Lausanne Hall, payable quarterly in advance	
Single room, per semester	90.00
Two persons in a room, each per semester	80.00
Furnished rooms for young men in private residences, with heat, light and care, per week for each occupant	1.00-2.00
Room and board in private families, including fuel and light, per week	4.00-6.00

COLLEGE OF LIBERAL ARTS

Tuition per semester of eighteen weeks	20.00
Incidental Fee, per semester	10.00
Laboratory Fees, per semester—	
Biology	3.00
Chemistry I and V	3.00
Chemistry III and IV	5.00
Physics I and II	3.00
*Tuition for Special Students, per semester hour	2.00
(Students taking twelve hours or more pay regular tuition)	
Each extra hour above seventeen	1.00
*Graduation Fee	5.00

Music—

Tuition varies with the subject and the length of the term.

Maximum tuition for private work as follows:

Piano, Violin, History, Theoretical Subjects, each, term....	28.00
Voice	32.00
Organ	54.00
Rental of Instrument, per term:	
Piano, one hour a day	4.00
Piano, two hours a day	6.00
Piano, each additional hour	2.00
Organ, one hour a day	10.00
Class work in History and Theoretical Subjects:	
One sixty-minute lesson a week, per semester	8.00
Two sixty-minute lessons a week, per semester	12.00

ACADEMY

Tuition, per semester of eighteen weeks	17.50
Incidental Fee, per semester	5.00
Laboratory Fees, per semester, Chemistry, Physics, Biology	2.50
Tuition for Special Students, per semester hour	1.50
(Students taking twelve hours or more pay regular tuition)	
Each extra hour above eighteen	1.00

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	\$100	\$150	\$200
Tuition and incidental fees (College)	60	60	60
Books	8	15	18
Fees	7	15	22
	—————	—————	—————
	\$175	\$240	\$300

The \$100 estimate is based on boarding one's self.

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

OREGON INSTITUTE**THE ACADEMY**

In addition to a complete College of Liberal Arts Willamette University maintains a first-class Academy. The income received from the Academy makes it self-sustaining and the Academy will be separate from the College of Liberal Arts hereafter.

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 four or five times a week in hour periods for one year.

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 \$2.50 a semester is payable upon registration. The University registration fee of \$2.00 per semester will be required of all students taking special work.

For the completion of work in the Academy fifteen units are required. It is advised that these units be distributed in accordance with the recommendation of the National Educational Association, so as to include two majors of three units each and one minor of two units, one of the majors being English.

This is summarized as follows:

Three units of English.

Two units of one Foreign Language.

Studies in the elements of literature and composition, founded upon a wide reading of classics constitute the work of the second year. Four hours.

In the third year special attention is given to American Literature while in the fourth English Literature is the special subject. Practice in composition is continued through both years. Four hours, each year.

MATHEMATICS

1. *Elementary Algebra*. Algebraic practice through simple quadratic equations; namely, the fundamental laws of algebra (including the laws of exponents for positive and negative integers), the various methods of factoring with applications to highest common factor, to lowest common multiple, to the reduction of fractions, and to the solution of equations, practice in the use of the remainder and the factor theorems, simultaneous equations of the first degree with problems involving their solution, simple quadratic equations. Five hours, both semesters.

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. Four hours, throughout the year.

3. *Algebraic Theory*. Mathematical induction, the remainder and the factor theorems proved, the binomial theorem for a positive integral exponent, fractional and negative indices, surds, theory of quadratic equations, examples in simultaneous quadratic equations, elements of ratio and proportion, the progressions and other simple series, logarithmic computation. Graphical methods should be employed wherever they are applicable. The ability to demonstrate principles is an important part of this requirement. Three hours, first semester.

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

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. Four hours.

BIOLOGY

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

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

3. *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.

Physiography. An introduction to Physical Geography. Four 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. Four 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.

DEGREES CONFERRED

June, 1912

HONORARY**DOCTOR OF LAWS**

Bishop R. J. Cooke, D. D.

John H. Coleman, D. D.

DOCTOR OF DIVINITY

The Reverend James Moore

The Reverend J. W. McDougall

The Reverend J. W. Hatch

IN CURSU**MASTER OF ARTS**

George James Sweetland, Jr.

Earl Ashby Nott

Hobart College

University of Oregon

BACHELOR OF ARTS

Alta Adessa Altman

John Casper Hatz

Frank Welty Barton

Cary Oscar Heath

Austin F. Flegel, Jr.

Mabel Magness

Margaret Almira Graham

Albert Nils Minton

Lettie L. Gregson

Andrew Cardwell Oakes

Charles B. Harrison

Frances Willard Pohle

Harold Charles Harter

Alfred Arno Schramm

Edward Walter St. Pierre

REGISTER OF STUDENTS 1912-13

COLLEGE OF LIBERAL ARTS

Graduate Students—	Bellinger, Hattie Beckley	Salem
	A. B., Willamette University	
	Gittins, Margaret	Amity
	A. B., University of Oregon	
Graham, Margaret Almira	Salem	
	A. B., Willamette University	
Fields, D. Lester	Dallas	
	A. B., Willamette University	
Seniors—	Boughey, Sadie Ethel	Salem
	Bradley, Pearl E.	Hood River
	Gardner, Laurence Lewis	Oregon City
	Heist, Lina	Salem
	Heist, Lulu	Salem
	Hollingworth, Carl J.	Portland
	Mark, Ada	Hood River
	Matthews, Oliver	Salem
	Mickey, Kenneth E.	Bandon
	Reeves, Gertrude	Lebanon
	Schreiber, William	McMinnville
	Smith, Ray L.	Salem
	Young, Jessie Ellogene	Portland
	Juniors—	Alford, Aggie B.
Allen, Robert Hatfield		Salem
Austin, Laura F.		Woodburr
Bellinger, Lola Belle		Salem
Casebere, Ethel		Salem
Chapman, Electa		Grants Pass
Clark, W. W. Herman		Salem
Gilkey, Errol Clarence		Grants Pass
Heist, Laura		Salem
Homan, Paul		Salem
Mickey, Rena		Bandon
Mickey, Lawrence		Bandon
Neustel, Benjamin C.		Rathdrum, Idaho
Penn, Lottie Lee		Salem
Pigler, Mary L.		Salem
Plumer, Esther L.		Salem
Sherwood, Edith L.		Salem
Vandever, George V.		Bend
White, Edna J.		Salem
Young, Vivian A.	Salem	

Sophomores—	Axley, Seth	Salem
	Bartholomew, Mildred	Portland
	Barton, Kate	Salem
	Blackwell, Harlie A.	Juneau, Alaska
	Bolt, Eric P.	Marshfield
	Brunk, Thomas Earl	Salem
	Cone, Mary Lydia	Springville, Utah
	Doane, Emery	Ontario
	Drake, Ray K.	Salem
	Eakin, Gertrude	Salem
	Fields, Alice L.	Salem
	Francis, Frank S.	Metzger
	Gittins, Edward, Jr.	Amity
	Graham, Stella M.	Salem
	Hall, Arnold E.	Portland
	Hansen, Mary L.	Salem
	Hepp, Louis O.	Milwaukie
	Hollenbeck, Lulu A.	St. John
	Homan, Ralph	Salem
	Hoxie, E. Valeda	Salem
	Irvine, Harry S.	Salem
	Irvine, Paul	Salem
	Jory, Harold B.	Salem
	Lent, Leila	Lents
	Loughridge, Emma	Grants Pass
	Lovelace, Mave M.	Gresham
	Luce, Elizabeth	Wallace, Idaho
	Manning, Paul D.	Salem
	Marcy, Milton A.	Sellwood
	Marsh, Arthur H.	Looking Glass
	McCaddam, Glen J.	Salem
	McDaniel, Bruce William	Salem
	McDaniel, Ivan G.	Salem
	Miller, Eunice Huberta	Salem
	Mills, Waldo O.	Salem
	Minton, C. Robert	Salem
	Mulkey, Daisy	Woodburn
	Oldenburg, William H.	Salem
	Page, Florence E.	Salem
	Paget, Merwyn E.	Portland
	Runner, Naomi	Salem
	Sackett, Leland R.	Sheridan
	Savage, Harry H.	Salem
	Schnasse, Clara	Walla Walla, Washington
	Schramm, Elwina E.	Salem
	Smith, Paul R.	Salem
	Stearns, Ralph Waldo	Salem
	Stocker, Jacob	Foster
	Thompson, Grace E.	Salem
	Tobie, Harvey E.	Greenacres, Washington
	Todd, E. Paul	Salem
	VanWinkle, Keith	Albany
	Young, Ruth B.	Portland

Freshmen—

Avison, Genevieve	Salem
Bain, Joseph Read	Tillamook
Ball, Maxwell E.	Portland
Beckley, Hulda A.	Salem
Bennett, Nona Paul	Salem
Boyer, Ruth Estelle	Salem
Blatchford, Herbert H.	Shelburn
Cartwright, Constance	Salem
Chappell, Leslie M.	Bellingham, Washington
Chu, Fred Meichong	China
Clark, Ola LaMoine	Salem
Corpe, James G.	Cove
Curry, George H.	LaGrande
Deering, Marguerite	Portland
Dupertius, Helene	Adna, Washington
East, M. LaRue	Salem
Emmel, Aetna L.	Sherwood
Gary, John LeRoy	Emmett, Idaho
Gerhart, Joseph E.	Weiser, Idaho
Gilbert, Tinkham	Salem
Gleiser, Walter	Palouse, Washington
Gleiser, Nellie	Palouse, Washington
Goltra, Inez Janet	Salem
Goyne, Mabel F.	Tillamook
Hager, Harold B.	Salem
Hall, Charles E.	Portland
Hanke, Alfred Guy	Spokane, Washington
Harding, Ermine J.	Salem
Hewitt, Henry H.	Portland
Hockett, Harold	Eugene
Hockett, Bess	Eugene
Hodge, Ruth	Salem
Hogue, Eva	Salem
Holt, Beryl LaPertia	Salem
Keefover, Frank	Salem
Kuntz, Frances Lucile	Salem
Lorntsen, Edith Florence	Astoria
Lowther, Roy	Prineville
Luce, Foster	Wallace, Idaho
Lund, Oscar A.	Hillsboro
Luthy, Gladys	Salem
Manny, Ida Lillian	Portland
Maurer, Glenn E.	Salem
McClelland, James, Jr.	Salem
McMillan, Fred A.	Salem
McQueen, Leona V.	Aberdeen, Washington
Moore, J. Stanford	Lents
Odgers, George A.	Davenport, Washington
Ohling, Elmo	Albany
Ohling, Charles	Albany
Oppenlander, Herman F.	Portland
Poisal, Margaret McGilchrist	Salem
Price, Hugh Dwight	Vancouver, Washington
Ransom, Howard	Freewater

Freshmen—

Continued

Reeves, Ralph	Lebanon
Reynolds, Willis M.	Buena Vista
Rice, Henry Ernest	Rainier
Richter, Henry C.	Salem
Rideout, Edyth A.	Presque Isle, Maine
Ross, Laura	Salem
Ross, Ada	Salem
Russell, Samuel Wood	Spokane, Washington
Ryan, Annie V.	Vancouver, Washington
Schroeder, Hans George	Salem
Shisler, Lloyd W.	Harrisburg
Small, Brazier C.	Turner
St. Pierre, Mabel	Salem
Tasker, Harriet Ruth	Portland
Thomas, Ethel	Salem
Thompson, Beatrice M.	Harrington, Washington
Underwood, Zetta	Lebanon
VanSlyke, Clarence V.	Chelan, Washington
Wastell, Helen	DIXONVILLE OR Portland YOU?
Wells, Laura Marie	Salem
Weseman, Lulu Edna	Standish, California
Wieder, Harold L.	Albany
Winters, Ruth R.	LaGrande
Yoder, Chauncey H.	Hubbard
Young, M. Crawford	Portland

College Special—

Baker, Ernest V.	Salem
Bartlett, Willis M.	Newberg
Betts, Charles R.	Danbury, Connecticut
Byrd, Clarence M.	Salem
Carson, Esther	Salem
Cooksey, Carrie H.	Salem
Cone, Flora	Springville, Utah
Liston, Blanche	Salem
Little, Rodolph W.	Spokane, Washington
Mallett, Lenna	Ontario
Okamoto, Rikicadzu	Japan
Pfaff, Roland L.	Salem
Raines, William Carlos	Nashville, Tennessee
Rosenquest, Alfa A.	Salem
Slater, Lela M.	Salem
Wilson, Rhea	Salem
Yarnes, Thomas D.	Brooks

MUSIC STUDENTS

V, denotes Voice; P, Piano; O, Organ; Vi, Violin; H, Harmony, Counterpoint or Composition; T, Theory and History of Music.

Allison, Ruth	P, H, T	Turner
Ashby, Lois	V	Shaw
Avison, Genevieve	V	Salem
Barnes, Legeve	Vi	Salem

Baumgartner, P. G.	P, V, H, T	Pratum
Beaman, Louise	P, T	Woodburn
Bradley, Pearl	O	Hood River
Cady, Dee	Vi	Salem
Cone, Flora	P, H	Springville, Utah
Cooke, Florence	P, V, H, T ..	Ellensburg, Washington
Cooksey, Carrie	V	Salem
Dawkins, Miriam	P	Woodburn
Deering, Marguerite	P	Portland
Digerness, Merene	P, H, T	Silverton
Dimick, Frances	P, V	Salem
Dotson, Lena	P, H, T	Salem
Estes, Edna	P, H	Prineville
Fugate, Grace	P	Salem
Goyne, Mabel	P	Tillamook
Hall, Chas. C.	V	Portland
Hodge, Margaret	V	Salem
Hollingworth, Carl J.	V	Portland
Irvin, Mona	P, H	Hermiston
Jennings, Getta	P	Joseph
Jory, Harold	V	Salem
Klopf, Beulah	P	Rathdrum
Kuntz, Lucile	P, H	Salem
Loughridge, Emma	V	Grants Pass
Lent, Leila	H	Lents
Mallett, Lenna	P, V, H, T	Ontario
McCaddam, Lela	P, V, H	Salem
McCully, Lucile Dunbar	P, Vi	Joseph
McIntire, Nellie	V	Salem
McMahon, Ava	P, V, H	Richfield, Idaho
McMurray, Hattie	P	LaGrande
Morris, Nellie	P	Salem
Moses, D. R.	Vi	Salem
Newman, Franc	V	Salem
Oppenlander, Mildred	P, V	Portland
Ostermann, Pearl	P	Salem
Relker, Pearl	Vi	Salem
Radcliff, Henry	Vi	Salem
Ruby, Eleanor	P	Portland
Ryan, Annie	P	Vancouver, Washington
Schramm, Elwina	P	Salem
Shumway, Irma	V, H	Sheridan
Shumway, Nona	V	Sheridan
Siegmund, Floyd	Vi	Salem
Smith, Hazel	P	Hood River
Snyder, Beatrice	P, V	Salem
Snyder, Nettie	V	Salem
Tait, Eleanor	Vi	Salem
Todd, Junia	Vi	Salem
Tracy, Marian	P	Salem
Utter, Dr. F. L.	P	Salem
Wells, Marie	P	Salem
West, Mildred	P	Seattle
Williams, Ethel	P	Prineville

Williams, Irene	O	Salem
Wilson, Lura	V, H	Salem
Young, Elmer E.	P, Vi	Salem
Young, Margaret	V	Salem

ACADEMY

Fourth Year—	Cordier, Clifford	Newberg
	Emmel, Esther	Sherwood
	Ingalls, Hortense E.	Salem
	Owen, Ruth	Portland
	Shumway, Nona E.	Sheridan
Third Year—	Stoute, Percy Parkinson	Barbadoes, West Indies
	Todd, Junia Helen	Salem
	Ambrose, Aileen	Missoula, Montana
	Ashby, Lois M.	Shaw
	Booth, Warren R.	Salem
	Dutro, James	Portland
	Emmons, Carl W.	Salem
	Forbes, Clarence E.	Salem
	Foss, Wm. W.	Hood River
	Gates, Grover A.	Knob, California
	Gilbert, Malcolm L.	Salem
	Gilbert, Rosamond	Salem
	Goltra, Helen	Salem
	Harper, Reuben Francis	Vancouver, Washington
	Klopf, Beulah F.	Rathdrum, Idaho
	Matthews, Donald N.	Salem
	McKinney, Birdene	Salem
	Newton, Leslie C.	Canby
	Perkins, Clara A.	Portland
	Schnasse, Dorothy	Walla Walla, Washington
Seymour, Chloe Edna	Falls City	
Shumway, Harold C.	Sheridan	
Second Year—	Armstrong, Rollin S.	Salem
	Armstrong, Eldon T.	Salem
	Burdette, Leslie R.	Canby
	Day, William Russell	Milton
	Hill, Norman L.	Juliaetta, Idaho
	Hoffman, Arthur A.	Portland
	Jennings, Getta	Joseph
	Jennings, Shelby	Joseph
	Jones, Areta V.	Gervais
	Kuhnke, Minnie C.	Salem
	Lewis, George E.	Salem
	Mickey, May	Bandon
	Mulligan, Vesta May	Salem
	Schnabel, Dudley C.	Salem
	Stoute, Edward P.	Barbadoes, West Indies
	Todd, Wesley	Salem
	Wikberg, Martha C.	Salem
Winans, Fair	Hood River	
Wiseman, Daisy	Provolt	

First Year—	Aoki, Jusuke	Portland
	Armstrong, Ethelyn	Salem
	Bagley, Frank H.	Spokane, Washington
	Bagley, Ferris Field	Portland
	Chapman, Samuel J.	Salem
	Dawe, Percy	Glendive, Montana
	Gilbert, Margery	Salem
	Haight, Lloyd	Salem
	Hecker, Albert J.	Lyons
	Holder, Mary Edna Louise	Salem
	Ingersoll, Ruth	Salem
	Koudo, Harry M.	Portland
	Johns, Ruth	The Dalles
	Ludi, Emeline L.	Pratum
	McCully, Lucile Dunbar	Joseph
	Presnall, Clifford	Salem
	Rogers, Eleanor	Salem
	Turner, Milton C.	Salem
	West, Mildred M.	Seattle, Washington
	Winans, Mary E.	Hood River
	Yao, James	Hankow, China

Academy	Ahlers, Marie	Salem
Special—	Bagley, Arthur R.	Spokane, Washington
	Bayne, Kenneth	Salem
	Bullock, Maurice L.	Salem
	Ferguson, Belle	Elgin
	Gibson, Dan	Spokane, Washington
	Hanson, Peter	McMinnville
	Hewson, Marguerite E.	Granger, Washington
	Howard, Irene	Salem
	Jackson, Francis Roy	Salem
	Lamb, W. B.	Salem
	McCaddam, Lela B.	Salem
	McMurray, Hattie	LaGrande
	Thompson, J. E.	Salem
	Young, E. E.	Salem
	Rowland, Raymond	Portland
	Sauter, Bernice	Salem

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