The University of Oregon

CATALOGUE 1906-1907

ANNOUNCEMENTS FOR 1907-1908

PUBLISHED BY THE UNIVERSITY
MAY, 1907

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THE REGISTRAR.
University of Oregon, Eugene, Oregon.

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1907

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	20	21	22	23	24	25	26
	27	28	29	30	31	--	--

CALENDAR

September 23.—Admission examinations.

September 24 to February 14.—First semester.

February 17 to June 24.—Second semester.

CALENDAR IN DETAIL

September 16, Monday.	Session of the School of Medicine begins in Portland.
September 23, Monday.	Session of the School of Law begins in Portland.
September 23, Monday.	Entrance examinations at Eugene for the College of Literature, Science and the Arts, and the college of Engineering. Test examination in English.
September 24, Tuesday. } Sept. 25, Wednesday. }	First semester opens. Filing of credentials, and of applications for undergraduate, graduate and special student standing. Payment of incidental fees and registration. Committees of the faculty and Instructors keep office hours for consultation with the the students.
September 26, Thursday.	All University work begins.
October 4, Friday.	Reception to new students by the Christian Associations.
October 9, Wednesday.	Regular meeting of Associated Students.
October 10, Thursday.	Last date for filing subjects for senior theses with the Registrar.
November 26, Tuesday.	Annual Glee Club Concert.
November 27, 12 M., to December 1, Sunday }	Thanksgiving recess.
December 9, Monday. } December 10, Tuesday. }	Examinations for removal of conditions.

December 21, Saturday to January 5, Sunday.	Christmas vacation.
January 10, Friday.	Last date for filing with the Registrar subjects for Failing and Beekman orations.
January 10, Friday.	Annual tryout Interstate Debating Teams.
January 21, Tuesday.	Regular meeting of the Board of Regents, at Portland.
January 24, Friday.	Annual contest in Oratory to choose representatives for the Intercollegiate and Interstate contests.
February 5, Wednesday.	Mid-year examinations begin.
February 14, Friday.	First semester ends.
February 17, Monday.	Second semester begins.
February 26, Wednesday.	Regular Meeting of Associated Students.
March 27, Friday.	Annual Interstate Debate. Villard Hall.
March 28, Saturday.	Treble Clef concert.
April 18, Saturday. April 26, Sunday.	Spring vacation.
April 29, Wednesday.	Graduating exercises School of Medicine.
May 2, Saturday.	Preliminary tryout for Failing and Beekman orators.
May 2, Saturday.	Date for filing with the Registrar typewritten copies of the Failing and Beekman orations.
May 4, Monday. May 5, Tuesday.	Examinations for removal of conditions.
May 4, Monday.	Last date for filing applications for graduate degrees with the Registrar.
May 11, Monday.	Last date for filing graduate theses with the Registrar.
May 13, Wednesday.	Regular meeting of Associated Students. Annual Election.

May 15, Friday.	University day.
May 23, Saturday.	Session of the School of Law ends.
May 30, Wednesday.	Memorial day; a holiday.
June 6, Saturday.	Last date for filing senior theses with the Registrar.
June 10, Wednesday.	Final examinations begin.

COMMENCEMENT WEEK

June 21, Sunday.	Baccalaureate sermon, 11 a. m.
June 22, Monday.	Field day, 2 p. m; Recital School of Music, 8 p. m.
June 23, Tuesday.	Alumni business meeting, 10 a. m.; President's reception, 3 p. m.; Failing-Beekman contest, 8 p. m.
June 23, Tuesday.	Regular meeting of the Board of Regents, President's office, Villard Hall.
June 24, Wednesday.	Commencement exercises, 10 a. m.; Alumni banquet, 1 p. m.; Alumni ball, 9 p. m.

REGULAR MEETINGS OF THE FACULTY 1907-08

Thursday, October 3, 1907
" November 7, "
" December 5, "
" January 9, 1908
" February 6, "
" March 5, "
" April 2, "
" May 7, "
" June 4, "

OFFICERS OF THE UNIVERSITY

THE BOARD OF REGENTS

OFFICERS

HON. ROBERT S. BEAN, President.
HON. STUART B. EAKIN, Treasurer.
L. H. JOHNSON, Secretary.

EXECUTIVE COMMITTEE

HON. SAMSON H. FRIENDLY, Chairman.
HON. CYRUS A. DOLPH.
HON. J. C. AINSWORTH.

MEMBERS

NAMES AND ADDRESSES	TERM EXPIRES
HON. NEHEMIAH L. BUTLER, Dallas	April 15, 1911
HON. JAMES W. HAMILTON, Roseburg	April 1, 1913
HON. CYRUS A. DOLPH, Portland	April 15, 1915
HON. WILLIAM SMITH, Baker City	April 15, 1915
HON. FREDERICK V. HOLMAN, Portland	April 15, 1915
HON. ROBERT S. BEAN, Eugene	April 15, 1917
HON. J. C. AINSWORTH, Portland	April 15, 1917
HON. MILTON A. MILLER, Lebanon	April 15, 1917
HON. SAMSON H. FRIENDLY, Eugene	April 15, 1919

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

P. L. CAMPBELL, A. B., - - - - - President
A. R. TIFFANY, A. B., - - - - Registrar
LOUIS H. JOHNSON, - - - Financial Agent
CAMILLA LEACH, - - - - Librarian

THE COLLEGES AND SCHOOLS

FREDERICK GEORGE YOUNG, A. B., Dean of Graduate School
JOHN STRAUB, A. M.,
Dean of College of Literature, Science, and Arts
EDWARD HIRAM McALISTER, A. M.,
Dean of College of Engineering
SIMEON EDWARD JOSEPHI, M. D., Dean of School of Medicine
C. U. GANTENBEIN, LL. B., - Dean of School of Law
IRVING MACKAY GLEN, A. M., - Dean of School of Music
LUELLA CLAY CARSON, A. M., - - Dean of Women

OFFICERS OF INSTRUCTION

THE FACULTY*

P. L. CAMPBELL, A. B., 538 E. 13th St. EUGENE
President of the University.
A. B. Harvard University, 1886.

CLYDE B. AITCHISON, B. S. PORTLAND
Lecturer on Water Rights.

B. B. BEEKMAN, A. B., LL. B. PORTLAND
Lecturer on Agency.

JAMES FRANCIS BELL, M. D., L. R. C. P., (London). PORTLAND
Professor of Theory and Practice of Medicine and Clinical Medicine.

OTTO SALY BINSWANGER, Ph. D., M. D. PORTLAND
Professor of Chemistry and Toxicology.

WILLIAM PINGRY BOYNTON, Ph. D., 135 E. 11th St. EUGENE
Professor of Physics and Mathematics.
A. B. Dartmouth College, 1890; A. M. 1893; Ph. D. Clark University, 1897; Professor of Physics and Acting Professor of Latin, University of Southern California, 1890-93; Assistant in Physics and Graduate Scholar, Dartmouth College, 1892-94; Scholar and Fellow in Physics, Clark University, 1894-97; Instructor in Physics, University of California, 1897-1901; Professor of Science and Mathematics, and Dean of the Faculty, California College, 1901-03.

LUELLA CLAY CARSON, A. M., 289 E. 9th St. EUGENE
Dean of Women and Professor of Rhetoric and American Literature.
A. M., University of Oregon and Pacific University.

F. D. CHAMBERLAIN, A. B., LL. B. PORTLAND
Lecturer on Corporations and Partnership.

*With the exception of the President the Faculty are arranged in alphabetical order.

JOHN B. CLELAND, LL. B. PORTLAND
Lecturer on Sales.
Judge of the Circuit Court of the State of Oregon.

TIMOTHY CLORAN, Ph. D., 717 Hilyard St. EUGENE
Assistant Professor of Romance Languages.
A. B. Western Reserve University, 1891; Instructor in Latin and Greek, Geneva High School, 1891-93; Professor of Greek, German and French, Shurtleff College, 1893-97; Student, Universities of Berlin and Strassburg, 1897-99; Ph. D., 1901. Professor of Modern Languages, University of Idaho, 1899-00; Adjunct Professor of Romance Languages, Vanderbilt University, 1900-04; Student, University of Paris, 1904-05; Student, University of Madrid, 1905-06.

RICHARD HAROLD DEARBORN, M. E. 341 E. 9th St. EUGENE
Professor of Electrical and Mechanical Engineering.
A. B. Portland University, 1895; M. E. Cornell University, 1900.

EDGAR EZEKIEL DECOU, M. S., 719 Mill St. EUGENE
Professor of Mathematics.
B. S. University of Wisconsin, 1894; Principal High School, Evansville, Wisconsin, 1894-96; Graduate Student University of Chicago, 1896-97; M. S. University of Chicago, 1897; Professor of Mathematics, Bethel College, Russelville, Kentucky, 1897-99; Graduate Student University of Chicago, 1899-00; University Scholar Yale University, 1900-01; Professor of Mathematics, Bethel College, Russelville, Kentucky, 1901-02; Acting President, Bethel College, 1902.

FREDERIC STANLEY DUNN, A. M., 856 Alder St. EUGENE
Professor of Latin Language and Literature.
A. B. University of Oregon, 1892; A. B. Harvard University, 1894; A. M. University of Oregon, 1899; A. M. Harvard University 1903.

ARTHUR L. FRAZER, M. A. PORTLAND
Lecturer on Domestic Relations.
Judge of the Circuit Court of the State of Oregon.

C. U. GANTENBEIN, LL. B. PORTLAND
Dean of the School of Law, and Professor of Criminal Law, Torts and Evidence.
Judge of the Circuit Court of the State of Oregon.

ANDREW JACKSON GIESY, M. D. PORTLAND
Professor of Clinical Gynæcology.

WILLIAM BALL GILBERT, LL. D. PORTLAND
Lecturer on Constitutional Law.
Judge of the United States Circuit Court of Appeals.

IRVING MACKAY GLEN, A. M., 254 E. 9th St. EUGENE
Professor of English Language and Early English Literature and Dean of the Department of Music.
Graduate California School of Elocution and Oratory, 1889; Graduate California State Normal School, San Jose, 1890; Graduate Elwood Conservatory of Music, 1890; A. B. University of Oregon, 1894; Graduate Student at Johns Hopkins University, 1894-96; A. M. University of Oregon, 1897.

THOMAS G. GREENE, LL. B. PORTLAND
Lecturer on Bankruptcy

THOMAS G. HAILEY, LL. B. PORTLAND
Lecturer on Brief Making and Supreme Court Practice.
Justice of the Supreme Court of the State of Oregon.

BENJAMIN JAMES HAWTHORNE, A. M. 344 Lawrence St. EUGENE
Professor of Psychology.
A. M. Randolph Macon College.

HERBERT CROMBIE HOWE, A. B., 908 Alder St. EUGENE
Professor of English Literature.
Cornell University, 1893; Graduate Scholar Cornell University, 1893-94, 1894-95.

HENRY E. JONES, M. D. PORTLAND
Emeritus Professor of Clinical Gynæcology.

WILLIAM JONES, M. D. PORTLAND
Professor of Clinical Surgery.

SIMEON EDWARD JOSEPHI, M. D. PORTLAND
Dean of School of Medicine and Professor of Obstetrics and Nervous Diseases.

OTTO J. KRAEMER, LL. B. PORTLAND
Lecturer on Justice's Court Practice.

EDMUND JOHN LABBE, M. D. PORTLAND
Professor of General and Descriptive Anatomy.

KENNETH ALEXANDER J. MACKENZIE, M. D., C. M., L. R. C. P. & L. R. C. S., Edinburg. PORTLAND
Professor of Operative Surgery.

EDWARD HIRAM McALISTER, A. M., 322 Pearl St. EUGENE
Dean of the College of Engineering and Professor of Applied Mathematics and Civil Engineering.
A. B. University of Oregon, 1890; A. M. University of Oregon, 1893.

HENRY H. NORTHUP, LL. B., Columbia University. PORTLAND
Lecturer on Pleading, Practice and Probate Law.

RICHARD NUNN, A. B., B. C. H., M. D. PORTLAND
Professor of Diseases of Eye, Ear, Nose and Throat.

ALBERT EDWARD MACKAY, M. D. PORTLAND
Professor of Diseases of Genito-Urinary Organs.

WALLACE McCAMANT, A. B. PORTLAND
Lecturer on Bailments and Carriers.

MARTIN L. PIPES, A. B. PORTLAND
Lecturer on Contracts.

HARRISON G. PLATT, A. B. PORTLAND
Lecturer on Negotiable Instruments.

ALFRED F. SEARS, LL. B., Boston University. PORTLAND
Lecturer on Equity.

JOSEPH SCHAFER, Ph. D., 425 E. 13th St. EUGENE
Professor of History.
B. L. University of Wisconsin, 1894; Instructor State Normal School, Valley City, North Dakota, 1894-98; Graduate Student, Chicago University, Summer, 1895; M. L. University of Wisconsin, 1899; Fellow University of Wisconsin, 1900; Ph. D. University of Wisconsin, 1906.

FRIEDRICH GEORG G. SCHMIDT, Ph. D., 345 E. 13th St, EUGENE
Professor of the German Language and Literature.
Student at the University of Erlangen, 1888-90; Student at Johns Hopkins University, 1893-96; University Scholar, 1894-95; Fellow, 1895-96, and Ph. D., 1896.

HENRY DAVIDSON SHELDON, Ph. D., 374 E. 11th St., EUGENE
Professor of Philosophy and Education.
A. B. Stanford University, 1896; A. M. Stanford University, 1897: Instructor in Pedagogy, Stanford University, 1896-97; Lecturer in Education, Clark University Summer School, 1898-99; Ph. D. Clark University, 1900.

ORIN FLETCHER STAFFORD, A. B., 386 E. 11th St. EUGENE
Professor of Chemistry.
A. B. University of Kansas.

GEORGE BURNSIDE STORY, M. D. PORTLAND
Professor of Physiology.

JOHN STRAUB, A. M. 307 E. 11th St. EUGENE
Dean of the College of Literature, Science and the Arts, and Professor of Greek Language and Literature.
A. B. Mercersburg College, 1876; A. M. Mercersburg College, 1879.

ALBERT RADDIN SWEETSER, A. M., EUGENE
Professor of Biology.
A. B. Wesleyan University, 1884; A. M. Wesleyan University, 1887. Instructor in Cryptogamic Botany, Radcliffe College, 1895-97.

ARTHUR CLARK TERRILL, E. M., 387 E. 11th St. EUGENE
Assistant Professor of Mining and Metallurgy.
E. M. Colorado School of Mines, 1905; Superintendent Doctor-Jack Pot Mine, Cripple Creek, Colo., 1905-06.

ERNEST FANNING TUCKER, A. B., M. D. PORTLAND
Professor of Gynaecology.

ARTHUR L. VEAZIE, A. M., LL. B. PORTLAND
Lecturer on Real Property.

GEORGE MILTON WELLS, M. D. PORTLAND
Professor of Pediatrics.

HOLT COUCH WILSON, M. D. PORTLAND
Emeritus Professor of Surgery.

GEORGE FLANDERS WILSON, M. D. PORTLAND
Professor of Principles and Practice of Surgery and Clinical Surgery.

C. E. WOLVERTON, A. B. LL. D. PORTLAND
Lecturer on Federal Procedure.
Judge of the United States District Court.

FREDERICK GEORGE YOUNG, A. B. EUGENE
Dean of Graduate School and Professor of Economics and Sociology.
Johns Hopkins University, 1886; University Scholar, Johns Hopkins University, 1886-87.

JAMES CULLEN ZAN, M. D. PORTLAND
Acting Professor of Materia Medica and Therapeutics.

INSTRUCTORS, ASSISTANT INSTRUCTORS AND OTHER OFFICERS

PERCY PAGET ADAMS, B. S. EUGENE
Instructor in Civil Engineering.
A. B. University of Oregon, 1901; B. S. 1902.

BLANCHE T. BIGELOW, B. A. EUGENE
Assistant Instructor in English.
B. A. Radcliffe College, (Harvard University); Graduate Student, Oxford University, and London School of Economics, University of London, England.

JOHN FREEMAN BOVARD, B. S., 294 E. 11th St. EUGENE
Instructor in Biology.
B. S. University of California, 1903; M. S. 1906.

JOHN E. BRINDLEY, M. A. EUGENE
Assistant Instructor in Economics.
B. L. University of Wisconsin 1902; M. A. 1906.

WILLIAM L. BREWSTER, PORTLAND
Lecturer on Medical Jurisprudence.

CAMILLE CARROLL, A. B. 120 E. 13th St. EUGENE
Assistant Instructor English Literature.
A B. University of Oregon 1906.

CHARLES W. CONVERSE, M. A. EUGENE
Instructor in Mechanical Engineering.
A. B. University of Oregon, 1902; M. A. 1905.

THEO. FESSLER, M. D., PORTLAND
Laboratory Demonstrator of Chemistry.

EDWARD PAYSON GEARY, M. D. PORTLAND
Lecturer on Physical Diagnosis.

J. ALLEN GILBERT, Ph. D., M. D. PORTLAND
Lecturer on Dermatology.

LUTHER W. HAMILTON, M. D. — PORTLAND
Adjunct Lecturer on Materia Medica, Electro Therapeutics and Dietetics.

WILLIAM HOUSE, M. D. — PORTLAND
Clinical Assistant.

WILEY JEROME HUDDLE, M. A. 781 Paterson St. — EUGENE
Instructor in Chemistry.
A. B. Indiana University, 1901; M. A. 1903.

ANDREW W. JACKSON, B. S. — EUGENE
Assistant Instructor in Physics.
B. S. University of Oregon, 1907.

MARY EMMA KENT, A. B. — EUGENE
Assistant in Biology.

JOSEPH B. KNAPP, B. S. — EUGENE
Instructor Department of Civil Engineering.
Government Engineer Testing Station.

J. C. ELLIOTT KING, M. D — PORTLAND
Lecturer on Dermatology.

GEORGE F. KOCHLER, M. D. — PORTLAND
Clinical Assistant.

CAMILLA LEACH — EUGENE
Librarian and Instructor in History of Art.

HEMAN BURR LEONARD, Ph. D., 659 Patterson St. — EUGENE
Instructor in Mathematics.
B. S. (E. E.) Michigan, 1895; Ph. D. University of Colorado, 1906.

RALPH CHARLES MATSON, M. D. — PORTLAND
Lecturer on Bacteriology.

RAY WILLIAM MATSON, M. D. — PORTLAND
Lecturer on Histology.

ELLA E. McALISTER. — EUGENE
Assistant Instructor in Music.

CARL A. McCLAIN, B. S. — EUGENE
Field Assistant in Civil Engineering.
B. S. University of Oregon, 1906.

CONDON C. McCORNACK, A. B., M. D. — PORTLAND
Clinical Assistant.

C. J. McCUSKER, M. D. — PORTLAND
Laboratory Demonstrator of Physiology.

GUY S. OSTRANDER, B. S., M. D. — PORTLAND
Assistant Laboratory Demonstrator of Pathology.

G. O. PELGRAIN. — PORTLAND
Laboratory Demonstrator of Therapeutics.

VEDA J. QUACKENBUSH. — EUGENE
Assistant Instructor in Music.
Teacher's diploma in Music, University of Oregon, 1906.

CHARLES ROY REID, B. S. — EUGENE
Instructor in Electrical Engineering.
B. S. University of Oregon, 1906.

LOUIS ARTHUR SHANE, M. D. — PORTLAND
Demonstrator of Anatomy.

BERTHA ELLSWORTH SLATER, A. B. 765 Oak St. — EUGENE
Instructor in Rhetoric and American Literature.
A. B. University of Oregon, 1899.

D. M STEVENSON — EUGENE
Assistant in Mechanical Engineering.

EVA I. STINSON, B. M. — EUGENE
Instructor in Music.

FRANK M. TAYLOR, A. B., M. D. — PORTLAND
Lecturer on Materia Medica, Electro-Therapeutics and Dietetics.

ORVILLE ARTHUR THORNTON, B. S., M. D. — PORTLAND
Assistant Demonstrator of Anatomy.

INA WATKINS. — EUGENE
Assistant Instructor in Music.
Teacher's Diploma in Music, University of Oregon, 1906.

CORTES HOLIDAY WHEELER, M. D. — PORTLAND
Lecturer on Hygiene.

ABBY WHITESIDE, B. M. — EUGENE
Instructor in Music.
B. M. University of South Dakota.

GEORGE SHATTUCK WHITESIDE, M. D. — PORTLAND
Clinical Assistant.

OTIS BUCKMINSTER WIGHT, A. B., M. D. — PORTLAND
Lecturer on Clinical Medicine.

JAMES OSCAR WILEY, M. D. — PORTLAND
Lecturer on Osteology and Syndesmology.

ROBERT CLARK YENNEY, M. D. — PORTLAND
Lecturer on Histology and Pathology.

COMMITTEES OF THE FACULTY*

THE UNIVERSITY COUNCIL.—Consisting of the President of the University and all the full professors and assistant professors of departments at Eugene, who together constitute the legal Faculty of the University.

THE ACADEMIC COUNCIL.—The Executive Committee of the University Council—the President, Professors Young, Straub, McAlister, Carson, and Stafford.

THE GRADUATE COUNCIL.—Professors Young, McAlister, Schmidt, Glen, and Howe.

UNIVERSITY EXTENSION.—Professors Sheldon, Dunn, Schmidt, Howe and Stafford.

ATHLETICS.—Professors Hawthorne, Dearborn, Young, Glen, and Mr. Bezdek.

CREDENTIALS.—Professors Sheldon, Young and Schafer.

APPOINTMENTS.—Professors Sheldon, Sweetser, Carson, Hawthorne, and Straub.

EXAMINATIONS AND SENIOR CREDITS.—Professors Hawthorne, Glen, and McAlister.

SPECIAL STUDENT.—Professors De Cou, Carson, Young, and the President.

LIBRARY.—Hon. R. S. Bean, President of the Board of Regents, and the Librarian.

ADVISORY.—The President, Professors Young, McAlister, Straub, and Schafer.

ADVANCED STANDING.—Professors Stafford, McAlister, and Dunn.

STUDENT AFFAIRS.—Professors Howthorne, Glen, and Carson.

*The President of the University is ex-officio a member of all committees

THE UNIVERSITY OF OREGON

INTRODUCTION

HISTORICAL SKETCH

The University of Oregon was establshed by act of the state legislature October 19, 1872, and located at Eugene. Deady Hall, the first University building, was erected by the citizens of Lane County, and presented to theBoard of Regents in July, 1876. In September of the same year, the University opened its doors for the reception of students. The first class was graduated in June, 1878.

The equipmeut of the University was at first very small, and the courses of instruction were limited practically to literary lines. The University grew rapidly, and the demand for a broader curriculum was met by the addition of engineering, scientific, and technical courses. The Law School was established in 1884, and the Medical School in 1887. With the growth and development of the state, the University has increased in numbers and financial resources. Buildings have been erected, new departments added, and a large equipment installed.

The most important single gift to the University was that of $50,000 made by Henry Villard in 1883 for general endowment.

During the early years of the institution, the only high schools in the state were located in two or three of the larger cities, and it was necessary for the University to offer academic courses in order that students graduating from the schools in smaller towns might continue their work by coming directly to the University. As the high school system of the state developed, it became possible to discontinue the first year of the academy course; a little later the second year was dropped; and finally in 1904 the academy was entirely abolished.

A similar growth may be seen in the evolution of the present course of study. When the University first opened its doors in 1876, the work of the different courses was practically all required. After a few years, options were allowed in the choice

of language groups, and substitutions were permitted for some of the technical requirements. Later a great number of possible combinations of required courses were offered, with a few elective hours. Then came the group system with the work of the first two years required, and the greater portion of the last two years elective, except for a major elective requirement.

Finally, during the year 1904-5, the University adopted practically a free elective system of undergraduate study, with a major requirement not to exceed one-third of the one hundred and twenty semester hours necessary for graduation. The only specific requirements, besides the major, are four semester hours of gymnasium work, and two year-courses in some language other than English. It is found that by means of the major requirement, the University is able to give a wise direction to the student's chosen line of work. On the other hand, the limit placed on the amount of required work encourages the enlargement of the student's field of study, and makes possible a broad, general culture.

THE UNIVERSITY AND THE STATE

The aim of the University of Oregon in its relation to the educational system of the state is two-fold: First, to supplement the work of the high schools with a four years' university course. Second, to encourage graduate study. In the state's public school system, the University sustains a similar relation to the high schools that the high schools sustain to the grammar grades. As those who have passed through the grammar grades may continue their studies in the high schools, so those who have completed the full high school course may advance to the opportunities offered by the University. In a word, the University (exclusive of the Graduate School) embraces the thirteenth, fourteenth, fifteenth and sixteenth grades of the public school system. It completes the work begun in the grammar schools and continued in the high schools.

While the University furnishes instruction in the various branches requisite for a liberal education, and in the technical branches of engineering, law, medicine, and music, it also aims to encourage research work in its departments, and to offer to those who have completed college courses at the University or elsewhere an opportunity to do graduate work along general or special lines.

In addition to its work as a part of the public school system,

the University attempts to aid in the state's development by gathering exact and detailed information concerning its industrial resources, and by investigating, through its several departments, such civic and industrial problems as are of special interest to the people of the state.

GOVERNMENT

The government of the institution rests upon the inherent obligations of students to the University and to the state. The University is maintained at the public expense for the public good. Those who participate in its benefits are expected, as a matter of honor, not only to fulfill the obligations of loyal members of the institution, of the community, and of the commonwealth, but actively to aid in promoting intellectual and moral interests. Every student owes to the public a full equivalent for its expenditure in his behalf, in the form of superior usefulness to it, both while in the institution and afterwards. Students, therefore, cannot claim any exemption from the duties of good citizens and loyal members of the community and of the University; on the contrary, they are under peculiar obligations loyally to fulfill every duty. As members of the institution, they are held responsible for regular attendance and the proper performance of their duties. As members of the community, students are amenable to the law; and, if guilty of its infraction, are liable to a termination of their relations with the University. The University recognizes its civic relations and rests its administration upon civic obligations.

BUILDINGS AND GROUNDS

The University of Oregon is located at Eugene, at the head of the Willamette Valley, 123 miles south of Portland. Eugene is the county seat of Lane county, and has a population of about seven thousand. It is one of the most prosperous towns in Oregon, but above all is a city of homes, with a sincere pride in its reputation as an ideal place in which to live. The University grounds are situated about one mile southeast of the center of the city. The buildings crown a grassy slope; the Willamette River flows along the border of the campus; and the Three Sisters and the peaks of the Coast Range are in full view.

The following buildings are located on the University grounds:

Deady Hall, a three-story building, which was presented to the

state by the citizens of Lane county, was named in honor of Matthew P. Deady, the first President of the Board of Regents. It contains the Biological and Physical laboratories, and the departments of Latin, Greek, French, German, and English Literature.

Villard Hall, erected in 1885, was named in honor of Henry Villard, the greatest individual donor to the University's endowment. It is an imposing cemented brick building, and contains the offices of the President, the Registrar, the Steward, the Assembly Hall of the University, the very valuable geological collection, and the departments of Rhetoric and American Literature, Early English Language, Economics and Sociology, Geology and Mathematics.

McClure Hall was built in 1900. It is devoted to the departments of Chemistry and Mining, and is admirably adapted to its purpose. It has three floors, with laboratory facilities for 200 students, and contains the latest appliances for research work in all lines of mining and manufacturing chemistry. It has hoods and ventilators for carrying off gases, electric motors for operating machinery, and is modern in every respect. It contains all the departments of Chemistry and Mining, and will make possible a great expansion in Mining, Metallurgy and Assaying. The upper floor for the present is used as class rooms in Philosophy and Education, History, Psychology, and also for the Psychological laboratory.

Mechanical Hall, erected in 1901, contains the central heating and lighting plant of the University, and the departments of Civil and Electrical Engineering. The shops are run by electricity and are well equipped with tools and machinery.

The Timber Testing Station was established in 1905. The Testing Laboratory is equipped with the latest machines and appliances necessary for testing the strength of timber, stone and metals. The official tests are made under the supervision of an engineer from the United States Bureau of Forestry.

The Gymnasium is a brick building well fitted with the best apparatus for indoor athletic work. The new athletic field has a four-lap track surrounding a well constructed football field. The Alumni Association of the University has recently erected a grand stand on the athletic field at a cost of $1050.

The Men's Dormitory, erected in 1893, is a three-story brick building, equipped with electric lights, steam heat, hot and cold

baths, well furnished parlors and every convenience for the comfort of its guests.

The Library Building, completed in June, 1907, is a two-story with basement building of buff pressed brick. It is located south of Deady Hall near Thirteenth street. The first floor contains the University Library, the general reading room, the general reference room, a consultation room for faculty and students, and the offices of the Librarian and Cataloguer. The basement and second floor are used for class rooms.

The Girls' Dormitory, erected in 1907, will accommodate about twenty girls. It is a frame building, well heated and lighted, and comfortably fitted for living.

Collier Hall, the President's House, is situated on the part of the campus south of Thirteenth street, and is is surrounded by grounds covering nine and one-half acres.

The University operates its own electric light, gas, and water plants.

A local station of the United States Weather Bureau is located on the campus.

LIBRARY

The libraries of the University contain 16,000 bound volumes, and important pamphlet sets, as those of the Early English and the Scotch Text Societies. The Dewey system of classification has been adopted, and a card catalogue enables students to make ready use of the books. The Library is a depository for all documents published by the Government at Washington, and receives a large number every year.

Special Department Libraries are being accumulated which are provided with reserve shelves in the General Library. Poole's Index and the annual library indexes havebeen provided, and there is a valuable collection of bound periodicals. The list of encyclopedias and strictly reference books numbers over 200 volumes.

Instructors in the University, students and resident graduates are entitled to draw books from the Library. Students may draw three volumes at a time, to be retained for three weeks, with the privilege of one renewal. The Library is open during term time from 8:30 A. M. to 5 P. M., and on Saturday from 8:30 A. M. to

12:00 M., and has for several years been open during the morning of every day in the year except Sunday.

The University Reading Room contains a large assortment of American and foreign newspapers and periodicals. They include weekly and monthly magazines and reviews on General Literature, Sociology, Political Science, History, Economics, Chemistry, Biology, Physics, Engineering, Education, Philosophy, Psychology, Ancient Languages, French, German, etc.

During the summer of 1906 $5,000 was spent in increasing the possessions of the library. A thousand new volumes, corefully chosen by professors in charge of all departments of study, were purchased in the United States and in Europe. A number of Poole's sets of periodicals was completed, the most important being the North American Review, commenced in 1815 and now in its 184th volume. Binding was ordered for several hundred of periodicals which are being bound in the most substantial manner known, in a bindery at Eugene. The number of subscriptions to periodicals of scientific character was largely increased. A new Library building costing $25,000 is being erected and will be occupied in the autumn of the present year, and will furnish greatly improved opportunity for study and improvement.

MUSEUMS

Dr. Condon's Geological Collection is especially rich in fossils of Oregon, and is the largest collection of specimens of the Northwest in existence..

The Howell collection of the Flora of Oregon contains adout ten thousand type specimens of the flora of the Northwest.

PUBLICATIONS

The University of Oregon Bulletin is published monthly, except during the summer vacation. It furnishes information in regard to the current work of the University, and gives the results of special research undertaken by the various departments. Public School Library Lists, by Prof. Luella Clay Carson; The Mineral Resources of Oregon, by Prof. O. F. Stafford; Beowulf and Cynewulf, by Prof. I. M. Glen; Water Power on the McKenzie River, and Water Power on the Santiam River, by Prof. E. H. McAlister; Tendencies in Recent Road Legislation, by Prof. F. G. Young; A General Register of the University of Oregon from 1872

to 1904, by Mr. J. A. Gamber; State Normal School Systems of the United States, by Dr. H. D. Sheldon; Some Botanical Notes from the Biological Laboratory, by Prof. A. R. Sweetser; A New Fossil Pinniped, by Prof. Thomas Condon; A Student's Geological Map of Oregon, with Notes, by Mrs. Ellen Condon McCornack; State Systems of High School Control, by Dr. H. D. Sheldon; Nature Study Leaflets 1 and 2, are among the recent numbers of the Bulletin. The Bulletins are sent free on application to the Registrar of the University.

The Oregon Weekly is published each Monday during the College year by the student body of the University. The paper is devoted to general college news, and aims to keep the students, faculty and alumni posted concerning the every-day happenings at the University and neighboring institutions. The staff consists of an editor, with two assistants. The various members of the staff are elected during the second semester of each year.

The University of Oregon Monthly is a monthly magazine published by the student body of the University. It is confined to literary articles writen by students, alumni, and other persons connected with the institution. The aim of the Monthly is to arouse and cultivate among the students practical literary ability, and also to serve as a medium between the University and its alumni.

SOCIETIES

LITERARY

The Laurean and Eutaxian Corporation was organized with a state charter in 1877 to further the literary interests of the societies of the University. Its library was for years the sole library of the University, and it furnished the nucleus for the present library.

The Laurean Society was founded in the first year of the University. its purpose is to give its members "growth and development of mind, together with readines and fluency of speech," and for this object a debate is held every Saturday evening. Declamatons and oratons by th members, and addrsses by professors and mations and orations by the members, and addresses by professors and other eminent men are also part of the weekly program. Occasionally joint social meetings are held with the other two societies, and an annual contest with the Philologian Society, held in December, is a part of the debating system.

The Philologian Society was organized October 21, 1893. Its

object is to discuss questions of general interest, and to secure for its members proficiency in debate and a thorough knowledge of parliamentary usage. The usual exercises are a short literary program and a debate. The officers are elected for a term of ten weeks, and the meetings are held in the Physical lecture room at 7:30 on Friday evening.

The Eutaxian Society is the literary society of the women of the University. It was oragnized in 1877, and has given valuable training to the numbers of students who from year to year have planned its work and carried out its programs. The society is well organized and has a good, active membership. Meetings are held every Friday afternoon from three to four o'clock. The program, which is varied from time to time, includes prepared and impromptu addresses, reviews and discussions of current events, debates, and parliamentary drills. Resident alumnae members take an active part in the work of the society, a fact which adds greatly to the strength and value of the organization.

THE ENGINEERING CLUB

The Engineering Club was organized November 30, 1904. Engineering students in Sophomore, Junior and Senior classes are eligible for membership. The club holds its meetings on the first and third Fridays of each month. Officers are elected for the whole year.

The purpose of the club is to stmulate an interest among its members in the whole field of engineering, and to encourage original research and observation in practical engineering problems. The programs, which are partly illustrated, consist of papers and addresses by members of the faculty and students.

RELIGIOUS

Th Young Men's Christian Association has its rooms in Deady Hall. It endeavors to promote growth in grace and fellowship among its members, and stands for Christian life and work in the University. It holds regular prayer meetings on Friday evenings at 6:45 o'clock.

The Association maintains an employment bureau in connection with the Administration Office, the services of which are free to students in all departments of the institution.

The Association has a committee to help students find comfortable rooms and boarding places. Students will be more apt

to secure rooms as they desire them if they send word before coming to the University, telling the price they wish to pay.

A Student's Handbook, containing items of information especially valuable to new students, is issued at the end of the college year. A copy will be sent free to any address on application Apply to the General Secretary.

Address all inquiries to the General Secretary of the Y. M. C. A., University of Oregon, Eugene, Oregon.

The Young Woman's Christian Association was organized in March, 1894. Its purpose is to crystalize the Christian element in the University, and make the influence of that element felt among all the young women. Its social function is an important part of its work. New students are met as they come from the trains, and everything is done to make them welcome. Informal prayer meetings are held every Wednesday afternoon at 3:00 o'clock in the Association parlors. Officers are chosen the first week in January to serve one year. Any young woman wishing information in regard to the Association is invited to correspond with the General Secretary of the Association at Eugene.

ORATORICAL ASSOCIATIONS

In addition to the University instruction in Eloqution and Oratory, an active and earnest interest in public speaking is fostered and maintained through the agency of voluntary associations of students, which arrange and conduct debates and contests and co-operate with similar organizations in other institutions.

INTER-STATE ORATORICAL ASSOCIATION

The Inter-State Oratorical Association was organized in 1903 by representatives of the University of Idaho, University of Washington, and University of Oregon. An annual oratorical contest is held each year some time betwen the first of May and the last of Commencement week, in turn at each of the three universities. All legitimate expenses of the contestants are paid. The King County Bar Association, of the State of Washington, offers annually a prize of $75.00 to the winner of the contest and $25.00 to the holder of second place. The contest for 1907 will be held at the University of Oregon. The University will be represented by Henry McKinney, of the class of 1907.

INTER-COLLEGIATE ORATORICAL ASSOCIATION

The Inter-Collegiate Oratorical Association is an organization of the following colleges and universities of Oregon: Pacific College, McMinnville College, Albany College, Pacific University, Willamette University, and the University of Oregon. An annual contest is held each year in turn at each of the colleges interested.

INTER-STATE DEBATING LEAGUE

The Inter-State Debating League was organzed in 1906, consisting of the University of Washington, University of Idaho. and University of Oregon. Each institution has two teams, which support opposite sides of the question. The affirmative team remains at home and the negative team goes abroad. The contests are held on the last Friday in March of each year. The University of Oregon won both its debates, and therefore the championship for 1907. The affirmative team consisted of John C. Veatch, '07, John R. Latourette, '07, and Clarence L. Whealdon, '10. The negative team consisted of Francis V. Galloway, '07, Thomas R. Townsend, '09, and Jesse H. Bond, '09.

UTAH-OREGON DEBATING LEAGUE

The annual debate for 1907 between the University of Utah and University of Oregon was held at Salt Lake City. Each university was represented by two men. The University of Oregon won, and was represented by Francis V. Galloway, '07, and John C. Veatch, '07.

ATHLETIC

The Athletic Council of the University of Oregon, consisting of three members of the Faculty and the President ex-officio, three members of the Alumni Association, and three members of the Student Body, exercises control over all athletic interests of the University. Under its supervision is the football team the track team, the baseball nine, basketball team, tennis club, and indoor baseball club.

The members of the Athletic Council for the present year are: Prof. B. J. Hawthorne, Prof. I. M. Glen, and Mr. Hugo F. Bezdek, representing the Faculty; Mr. C. N. McArthur, Mr. W. B. Dillard, and Mr. C. A. McClain, representing the Alumni Association; and Mr. Olen Arnspiger, Mr. George Prideaux, and Mr. Henry McKinney, representing the Student Body up to April 1st, and after April 1st, Mr. Henry McKinney, Mr. C. R. Zacharias, and Mr. Dell McCarty, representing the Student Body.

MUSICAL

The University of Oregon Glee and Mandolin Clubs are stu-

dent organizations, open to all students who are successful in the tryout held during the first week of the University year. The Glee Club is composed of sixteen men, and the Mandolin Club of twelve or more men. Yearly Thanksgiving concerts are given in Eugene and Portland, and a tour is usually made during the Christmas holidays

The yearly selection of officers is held at the beginning of each school year. All officers except the director are chosen from the membership of the club. The clubs are under the direction of Irving M. Glen, Professor of Early English Literature and Dean of the School of Music.

The Treble Clef, a musical club for women, was organized during 1900. It consists of sixteen voices, four on each part, and is under the direction of Miss Stinson, of the University School of Music. Regular practice is held throughout the year, and an annual concert is given just before the Easter holidays.

LOAN FUND

Through the generosity of Mr. William Ladd, of Portland, Mr. A. S. Roberts, of The Dalles, and the class of 1904 of the University, a loan fund for students, amounting originally to $261.60, has been established. Loans are made to deserving students at a low rate of interest, and it is very seldom that any of the fund is lying idle at the bank. During the past five years sixteen students have received loans from this fund, ranging in amount from $8.00 to $75.00 each, and amounting all told to $569.05.

GENERAL ASSEMBLY

A General Assembly of the University is held each Wednesday at 10:00 A. M. Appropriate exercises are held and interesting and important addresses made by invited guests, or by the President and members of the Faculty of the University. The following addresses have been delivered during the year:

October 3, President Campbell, "The Work of the Year."

October 17, Tom Richardson, Manager Portland Commercial Club, "The Pacific Northwest."

October 24, Hon. H. B. Miller, United States Consul, Yokohama Japan, "The Social and Political Life of Japan."

October 31, Professor H. C. Howe, Head of the department of English Literature, "Julian, the Apostate."

November 7, Dr. W. P. Boynton, Head of the department of Physics, "Wireless Telegraphy."

November 14, Hon. E. Hofer, President Oregon Development League, "Development of a Commonwealth."

November 21, "Mac Dowell Morning," School of Music, Professor I. M. Glen, assisted by Miss Whiteside and Miss Stinson.

December 5, Dr. Charles Scadding, Bishop of Oregon, Episcopal Diocese, an address to the students.

December 12, Hon. W. C. Hawley, Congressman-elect from Oregon, "The Development of the United States, and its Relations to Oregon."

December 20, Hon. John Barrett, United States Minister to Columbia, "Oregon and its Relations to National and International Affairs."

January 9, President Campbell, "A Trip South, Illustrated with Views of California, Arizona, New Orleans, etc."

January 16, Professor E. E. DeCou, Head of the department of Mathematics, "The World's Peace Movement, and The Hague Conference."

January 23, Mr. J. N. Levinson, Editor of the Sunday Oregonian, "A Practical Day's Work in the News Department of a Modern Daily Paper."

February 20, Professor Luella Clay Carson, Head of the Department of Rhetoric and American Literature, "Cambridge University." Illustrated.

February 27, Professor Carson, "Oxford University". Illustrated.

March 6, Sergeant-Major Schoof, "Experiences in Africa under the British Flag."

March 13, Dr. Joseph Schafer, Head of the department of History, "Jesse Applegate, Prince of Pioneers." (With a unique portrait.)

March 20, Hon. W. S. U'Ren,"Some Phases of Popular Government."

March 27, Mr. William L. Finley, National Lecturer of the Audobon Society, "Among the Water Fowl."

April 3, Dr. Charles Scadding, Bishop of Oregon, Episcopal Diocese, "Scotland, with Memories of her Hapless Queen and Immortal Bards."

April 10, Judge H. H. Northup, "The Two Rebellions, or the Boys of '76 and '61."

April 17, Judge Arthur L. Frazer, State Circuit Court, Judge of Juvenile Court, Portland, "Problems of the Juvenile Court."

MISCELLANEOUS

The Societas Quirinalis is a classical club, composed only of advanced students in Greek and Latin, for the purpose of furthering and fostering the pursuit of classical studies and for the social intercourse of students in that department of work. The Quirinalis meets on the first Tuesday of each month during the college year, social sessions alternating with public lectures and meetings, at which papers on special topics are read by selected members.

Lectures.— Frequent lectures by invited guests from Oregon and other states are given to students upon subjects allied to the courses given in the University. These lectures are by those fitted by training and experience to speak with authority.

Recitals.—The School of Music gives recitals at stated times during the year, to which all students of the University are invited.

The Alumni Association of the University of Oregon was organized in 1879. The membership consists of all the graduates of the University. The objects of the Association are to "advance the cause of higher education, to promote the interests of the University of Oregon, and to encourage mutual acquaintance and good-fellowship among the alumni." The officers for 1906-7 are: Homer D. Angell, '00, President; David Graham, '05, 1st Vice President; E. H. McAlister, '90, 2nd Vice President; A. R. Tiffany, '05, Secretary-Treasurer. Members of the Athletic Council: C. N. McArthur, '01, C. A. McClain, '06, W. B. Dillard, '00.

The Associated Students exercise general control over all student affairs within the University. The general management of its affairs is entrusted to an Executive Committee, consisting of a President, Vice-President, Secretary, and two members at large. Officers are elected on the second Wednesday in May of each year.

ORGANIZATION

GRADUATE SCHOOL.

COLLEGE OF LITERATURE, SCIENCE AND THE ARTS
- General Courses in Liberal Arts.
- Special Courses, including,
  - Course Preparatory to Medicine.
  - Course in Education.
  - Course Preparatory to Law.
  - Course Preparatory to Journalism.
  - School of Commerce.

COLLEGE OF ENGINEERING:
- Civil Engineering.
- Electrical and Mechanical Engineering.
- Mining Engineering.
- Chemical Engineering.

SCHOOL OF MUSIC:
- General Courses in Theory and Harmony.
- Piano.
- Voice.
- Violin.

SCHOOL OF MEDICINE.
- A four year's course.

SCHOOL OF LAW.
- A three year's course

THE GRADUATE SCHOOL

FACULTY

The faculty of each college consists of the President of the University and the professors, assistant professors, and instructors giving instruction in the college.

ORGANIZATION

The administration of the Graduate School is entrusted to a committee of the University Faculty called the Graduate Council.

AIM

The Graduate School in the different departments adapts its work to the needs:

1. Of those desiring to fit themselves for higher positions in the work of education and who as preparation for this work seek to specialize along definite lines.
2. Of those desiring to utilize the opportunities offered by the University to gain greater proficiency in other lines of professional activity or public service.
3. Of those competent to undertake research problems in any department of study and to be of service in the advancement of knowledge. Provision has been made for the publication under the auspices of the University of the results of especially meritorious work of this kind.

ADMISSION AND REGISTRATION

Students holding the Bachelor's degree from this University or other institutions whose requirements for the degree are equivalent, and who desire to do graduate work, whether for an advanced degree or for no degree, are admitted to the Graduate School. Students holding a Bachelor's degree, but desiring to obtain a first degree in some other line, will register in the Undergraduate Department. Candidates for admission to the Graduate School must make formal application upon blanks, furnished for the purpose, to the Graduate Council, submitting diplomas or other evidence of the requisite standing.

When approved by the Graduate Council, the applicant pays the required fee at the Steward's office, and receives from the Registrar, each semester, a study card to be filled out by his major professor. In case of a candidate for an advanced degree, the major professor must be the head of some department in which, either here or in the university from which he comes, the student has taken a sufficient amount of work to fit him for graduate study. The minor may be taken in undergraduate work. When made out the study card whether the student be a candidate for an advanced degree or not, must be submitted to the Graduate Council for formal approval. Otherwise, graduate students not seeking a degree are subject to the same regulations as undergraduates.

ASSIGNMENT OF STUDIES

The heads of departments in which the student takes work constitute his Special Committee, which determines his course, conducts his examinations, and upon completion of all requirements, certifies to the Graduate Council his having earned the degree. The head of a department in which the candidate for an advanced degree takes his major work shall be his adviser, and chairman of his Special Committee.

DEGREES GRANTED

The University now offers the following advanced degrees:

Master of Arts, Master of Science, Civil Engineer, Electrical Engineer, Mechanical Engineer, Mining Engineer.

THE MASTER'S DEGREE

Candidates for Master of Arts or Master of Science must complete at least one year (thirty semester hours) of study in residence, except in cases of graduates of this University who may by special action of the Graduate Council be given permission to do one-half of the work in absentia. The work to be counted toward an advanced degree must be divided between a major subject and a minor, the former receiving approximately twenty semester hours and the latter ten. Six of the thirty hours may at the option of the candidate's Special Committee, be assigned to the thesis. All candidates must, on or before Monday of the third week before the last of the University year in which the degree is to be conferred, file with the Registrar for the Graduate Council a thesis approved by the chairman of his special committee

having charge. Within the week in which the thesis is filed the candidate shall sustain an oral examination by a committee of three appointed by the President of the University, two of which shall be the heads of departments in which the student takes his work.

Students who during their candidacy for the Master's degree are engaged in teaching or other gainful employment, will be required to devote to their studies such longer period than one year as may be designated by the Graduate Council.

ENGINEERING DEGREES

Bachelors of Science in Engineering of this University, or of other colleges or universities of equal rank, may receive at the expiration of one additional year of study the professional degree of Civil Engineer, Electrical Engineer, Chemical Engineer, or Mining Engineer, appropriate to the undergraduate course taken. in accordance with the requirements prescribed in the College of Engineering.

Bachelors of Science in Engineering may receive the professional degree named above without the additional year of study at the University, who have spent at least three years actual time in professional practice in positions of responsibility, in the designing, construction or operation of engineering works, and who shall furnish details of satisfactory evidence as to the nature and extent of this practice.

They must submit an engineering thesis accompanied by detailed explanations, drawings, specifications, estimates, etc., embodying the results of their work or observations. If approved the thesis and all accompanying material shall be the property of the University. All theses for any degree must be delivered to the Dean of the College of Engineering on or before the 15th day of May.

THE COLLEGE OF LILERATURE, SCIENCE AND THE ARTS

FACULTY

The Faculty of each College consists of the President of the University and the professors, assistant professors, and instructors giving instruction in the College.

ORGANIZATION

The College of Literature, Science, and the Arts includes the following departments:

Biology, Chemistry, Rhetoric and American Literature, English Language and Early English Literature, English Literature, Economics and Sociology, Education, Geology, German, Greek, History, Latin, Mathematics, Philosophy, Psychology, Physics, and Romance Languages.

SPECIAL COURSES

A number of courses specially preparatory to professional work are outlined by the various departments.

COURSE PREPARATORY TO MEDICINE

Students expecting to study medicine should make Biology their major subject. The pre-medical studies offered by the department prepare the student to anticipate one year in the Medical School of the University of Oregon, and are also accepted by many of the standard Medical Colleges as the equivalent of one year's work of the regular four years' course.

COURSE IN EDUCATION

The rapid growth of the high schools of the state has created an urgent need for teachers with special training in methods of high school organization and instruction. It is the aim of the University of Oregon to meet this need by offering a special course in Education, in which instruction will be given in history of method, administrative problems, organzation, and such courses as will prepare teachers especially for work in the high schools. In addition to the strictly professional work, the department of Education offers two general outlines of special preparation for

teaching: one for students preparing to teach English, History, or Modern Languages, and the other for those preparing to teach Science or Mathematics.

The University conducts a Teachers' Bureau for the purpose of bringing its students and graduates to the notice of school officers desiring capable teachers. The calls made on the bureau for high school principals and teachers are usually in excess of the supply.

COURSE PREPARATORY TO LAW

Not only does any course leading to an A. B. degree give a great advantage to the student of law, as the requirements for admission to the best law schools indicate, but a college course arranged especially with the study of law in view can be made of great additional value. The student familiar with the political, economic, and social conditions and institutions that have determined the development of law will have a grasp of the principles of law, and will naturally pursue a method in future study that will make possible much higher efficiency in his profession. The departments of Economics and History offer the courses which constitute this basic study in preparation for law. The department of English offers the opportunity to gain a mastery of clear analytical expression of thought, peculiarly valuable to the lawyer.

COURSE PREPARATORY TO JOURNALISM

The departments of English outline courses suited to the needs of those expecting to enter journalism. A liberal preparation for journalism includes work in many departments, but the general supervision rests naturally with the special English department of Rhetoric.

Composition, Literature, History, Economics, and the languages constitute a large part of the course.

SCHOOL OF COMMERCE

The different branches of the public service like the civil and consular service, and the various lines of industrial and commercial pursuits, like banking, transportation, domestic and foreign commerce, are rapidly approximating the character of professions. To achieve the largest measure of success in these and meet the requirements of highest citizenship the principles of the social, physical, and mathematical sciences concerned must be possessed and applied. Modern industrial processes, methods, and organization are changing rapidly in magnitude, complexion, and social character in relation to public good. The historical, social, economic, political, and scientific studies and improvements in educational methods are fortunately keeping pace in their development with the requirements of the business world. Hence the University departments concerned are outlining combinations of courses that will meet closely the special needs of young men aiming toward business courses in industrial and commercial fields.

ADMISSION

Methods of Admission.—There are two ways of entrance to the University: First, by examination; second, by recommendation from accredited schools without examination. All students from schools not accredited to the University are subject to examination at the University. The examinations will be held during the first week of the college year.

Accredited High Schools.—It is the policy of the University so to adjust its standard of entrance requirements as not to be out of touch with the schools of the state that do earnest work, and at the same time to protect the scholarship of the University. It will also be the policy, as far as possible, to make the accrediting uniform for the various departments. Schools, therefore, that have a four years' course, with a nine months' year, and subjects running for a half year or more, five times per week, with recitations forty minutes long, and which have the subjects in the state high school course, or their equivalent, will, as far as possible, have their students admitted to the freshman class in the University.

Schools which do not have a nine months' year, five recitations a week, with forty minutes to each recitation, and which have short time subjects running ten, twelve or fourteen weeks each, will be given proportional accrediting, depending upon the time given and the quality of the work done. The state high school course is the basis of the requirements for entrance to the University and the adoption of the state course at once simplifies the passage of students from high schools into the University, and settles almost, if not quite all the questions of accrediting. It is earnestly hoped, therefore, that all high schools will adopt the state course.

College Credit for Extra Entrance Subjects.—Credit for work done above entrance requirements, in subjects not preparatory,

may be granted by the heads of the departments at their discretion. An application blank for advanced standing will be furnished by the Registrar.

REQUIREMENTS FOR ENTRANCE TO THE FRESHMAN CLASS

English.—Every student, at the beginning of his freshman year, shall satisfactorily pass an examination testing facility and accuracy in the use of English; or, he may waive this requirement by taking a course of two semester hours in English during his freshman year, for which college credit will be given.

The examination will be held Monday, September 23, at two o'clock in Professor Carson's room, Villard hall.

Number of Units Required.—For full entrance to the Freshman class, fifteen units will be required. Graduates of high schools who for any reason do not have fifteen units, may enter as conditioned freshmen if they have satisfactorily completed at least thirteen units. All conditions, so far as possible, must be made up during the first year of residence at the University.

By a unit is meant a subject running one year (36 weeks) five times a week, with recitations not less than forty minutes in length.

ENTRANCE SUBJECTS

English Composition and English Classics	4	units
Algebra (Wells' Essentials)	1½	"
Geometry, Plane and Solid	1½	"
History, Greek and Roman, and Mediæval with special reference to England, or American History and Constitution	2	"
Physical Geography	1	"
*Botany or Physics	1	"
‖Latin	2	"
	13	units.

* Physics is required for entrance to all Engineering groups.

† French or German may be substituted for Latin as an entrance requirement in the Engineering groups.

*** Beginning with September, 1909, one year of Physics will be required of all students entering the University.**

The balance of the fifteen units must be made up from the following

Latin .....1 or 2		units.
German .....1 or 2		units.
Botany	1	"
Physics or Chemistry	1	"
History, Modern	1	"
History, American and Constitution	1	"
Zoology	½	"
Astronomy	½	"
Geology	½	"
Physiology	½	"
Higher Arithmetic	½	"
Elementary Political Economy	½	"
Book Keeping	½	"
Drawing, Mechanical or Free Hand	½	"
By combining any two.....	1	"

DETAILED LIST OF ENTRANCE SUBJECTS

English.—All regular students must present four units (twenty hours) of entrance English. The entrance English requirements will conform to the state high school course.

All students entering advanced college classes must be accredited with English done elsewhere or fulfill entrance conditions here, through examination or work in class. All freshmen entering the University will be examined in English Composition (except such as prefer to elect a freshman course in English Composition of at least two semester hours). The examination is designed to test the student's ability to write clear, correct, idiomatic English. He will be asked to criticise an extract of classic prose under a few essentials of good English; to write two essays of not less than two hundred words each: one upon some familiar subject drawn from his experience or observation, and the other upon a subject selected from the books mentioned below. These essays will be tested on the following points: The language must be clear and grammatical; the spelling, punctuation, and capitalization must be reasonably correct; choice of words must show discrimination; sentences and paragraphs must be constructed in accordance with the simpler principles of composition. The essays must show ability to organize thought consecutively. (A topical outline may accompany each essay.)

No student will be passed whose work shows serious defects

in spelling, punctuation, grammar and structure of sentences and paragraphs, or who presents illegible or untidy manuscript.

As preparation for satisfactory work in the University, constant and regular practice in writing is earnestly recommended. Throughout the four years of the high school course the student should write exercises and revise them after correction by the teacher so as to secure accuracy and self-reliance. The subjects upon which the student writes should be drawn from both literature and daily life and experience, and some degree of ability should be secured in each of the types of discourses: description, narration, exposition, and argument. The fundamental principles of grammar should be mastered in theory and practice. Such principles of rhetoric as are adapted to the student's practical use should be emphasized; principles that make his speech and writing definite and effective, such as good usage in choice of words, correct sentential structure and paragraphing, and outlining of thought.

It is hoped that the high schools will find the following classification of entrance requirements valuable. It is suggested that under "Books for Thorough Study" the work shall take note of the following points: (a) The language, including the meaning of words and sentences, the important qualities of style, and the important allusions; (b) The plan of the work, i. e., its structure and method; (c) The place of the work in literary history, the circumstances of its production, and the life of its author; and that all details be studied, not as ends in themselves, but as means to a comprehension of the whole.

NINTH GRADE

I. Books for General Reading and Composition Work.
Dickens: A Tale of Two Cities.
Lowell: Vision of Sir Launfal.
Goldsmith: Vicar of Wakefield.
Hawthorne: The House of the Seven Gables.
Whittier: Snowbound and Other Poems.
II. Books for Thorough Study.
Shakespeare: Merchant of Venice.
Franklin: Autobiography.

TENTH GRADE

I. Books for General Reading and Composition Work.
Longfellow: Courtship of Miles Standish.

Addison: Sir Roger de Coverly.
Shakespeare: Julius Caesar.
Holmes: Selected Poems.
II. Books for Thorough Study.
Burke: Conciliation of America.
Lincoln: Gettysburg, Inaugural and Other Speeches.
Macaulay: Essay on Addison.
Pope: Homer's Illiad, I, VI, XXII, XXIV.

ELEVENTH GRADE

I. Books for General Reading and Composition Work.
Tennyson: Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur.
Emerson: Two Selected Essays.
Carlyle: Essay on Burns.
Burns: Cotter's Saturday Night and Other Poems.
Thackeray: Henry Esmond.
DeQuincy: Joan of Arc, and The English Mail Coach.
II. Books for Thorough Study.
Webster: Reply to Hayne.
Shakespeare: As You Like It.
Macaulay: Essay on Milton.
Milton: L'Allegro, II Penseroso, Comus and Lycidas.

TWELFTH GRADE

I. Books for General Reading and Composition Work.
Cooper: Last of the Mohicans.
Elliott: Silas Marner.
Tennyson: The Princess.
Coleridge: Ancient Mariner.
Scott: Ivanhoe.
Bunyan: Pilgrim's Progress.
II. Books for Thorough Study.
Shakespeare: Macbeth.
Emerson: The American Scholar.
Milton: Paradise Lost, I and II.
Western Authors: Five Selected Poems.

Algebra.—The requirements in Algebra embrace the following subjects: Factors, common divisors and multiples, fractions, involutions, including the binomial theorem for positive integral exponents; evolution, theory of exponents, radicals and equations in-

volving radicals, ratio and proportion, elementary logarithms; the ordinary methods of elimination, and the solution of numerical and literal equations of the first and second degrees, with one or more unknown numbers, and problems leading to such equations.

Work based on any of the following text-books will be accepted, the work to have five full recitation periods per week for a year and a half, a school year to be at least thirty-six weeks, and a recitation to be at least forty minutes in length.

Wentworth's Complete Algebra, completed, except chapters 22 to 34 inclusive; Well's New Higher Algebra, completed, except chapters 36 to 40 inclusive; and Well's Essentials of Algebra, the state text-book.

Plane and Solid Geometry.—A course based on any one of the following text-books will be accepted; the work to cover five recitations per week for one and a half years.

Wentworth's Plane and Solid Geometry, edition of 1899, completed, including two-thirds of the exercises; Philipps and Fisher's Abridged Geometry, completed, including all problems; Well's Essentials of Plane and Solid Geometry, completed, including all exercises.

The student should be required to state definitions clearly, whether in the language of the text-books or not, and in solving a problem or proving a proposition he should be able to prove every statement made. All figures should be constructed by the student with strict accuracy, on correct geometrical principles, using rule and compass; and this should be persisted in until it can be done with ease. Pains should be taken that original demonstrations be given in good form. Besides oral recitations, the student should be required carefully to write out his own demonstrations, and to apply geometrical principles to the solution of practical and numerical examples. He should be required to demonstrate propositions and solve problems without the aid of the text-book.

History.—Five recitations a week for two years. Any of the following:

1. Greek and Roman, with connected geography. (a) Greek History to death of Alexander; (b) Roman History to A. D. 800. Botsford's Greek History and Botsford's Roman History are the state texts.

Students preparing for the University in History are strongly urged to take Greek and Roman History.

2. Mediaeval and Modern History.—The following indicate the preparation required: Myers' Mediaeval and Modern History, Fischer's Growth of Nations, Adams' European History.

3. English History.—Ground covered in History of England, by Coman and Kendall.

4. American History and Constitution.—Montgomery's Student's History of the United States, Channing's Student History of the United States, or some book of like nature, provided a more elementary history has been previously studied. Otherwise some briefer standard high school history. Strong and Schafer's Government of the American People.

In all cases the text-book should never be depended upon entirely; supplementary work should be done with one or two other text-books, and at least one large General History for reference. See the report of the Committee of Seven on the study of History in Schools.

Science.—Five recitations per week for a year in each subject.

Science work, to be accepted for entrance to the University, must be from a standard high school text-book; thorough laboratory practice is absolutely necessary when the subject allows. Laboratory manuals and note books must be in constant use, and students coming from schools not accredited to the University, must present their laboratory note books, signed by the teacher. In Chemistry, some text equivalent to Remsen's Briefer Course must be used; in Physics, a text equivalent to Carhart and Chute; in Botany, to Bergen's Elements; and in Physical Geography, any standard text.

1. Chemistry.—In cases where Chemistry offered is considered by the head of the department of Chemistry to be equivalent to Course 1 (see list of courses in Chemistry), the student will be admitted to course 2, satisfactory work in which will entitle him to one unit college credit in case the preparatory Chemistry was used to fulfill entrance requirements, or to two units college credit in case it was not so used.

Physics.—For the present all students who offer, for entrance to the University, work in Physics as laid down in the State High School Course will receive credit therefor. *Beginning September,* 1909, a full year's work in Physics will be required of *all students entering the University.* This work, to be accepted, must include the thorough study of a satisfactory text-book with recitations and

written tests, and a substantial amount of laboratory work done by the student himself in a suitably equipped laboratory under competent supervision. The primary purpose of this laboratory work should be instruction, and with this end in view the laboratory period should find a regular place on the school schedule, the list of experiments should be carefully selected to illustrate clearly the most important principles of the subject, and the observations and conclusions carefully recorded in a permanent note-book.

Some faults to be avoided in the work of the laboratory are: the omissions of large subdivisions of the subject, as for instance the entire topic of electricity and magnetism; substituting training in manipulation for the illustration of scientific laws; the slipshod use of rough and qualitative experiments only; waste of time and distraction of attention from the real purpose of an experiment by over insistance on acuracy of results; failure to record facts actually observed; failure to see or state the point; lack of clearness in notes, concealing observations, deductions and conclusions in a mass of writing.

Preparation of the character indicated should be offered earlier than the date announced above if circumstances permit. Students of Engineering and others planning to take more advanced work in Physics will find that such adequate preparation will save much valuable time in the University.

The department plans the early publication of a Bulletin of Suggestions for Teachers of Physics, including some hints on the equipment and conduct of the laboratory.

Greek.—Five recitations per week each year.

First Year.—Greek lessons and Zenophon's Anabasis begun.

Second Year.—Zenophon, four books of the Anabasis.

Third Year.—Homer, first three books.

French.—Five recitations per week for one year. Written exercises and grammar work; systematic work in French pronunciation and as much practice in reading as possible to give facility in reading easy French prose.

German.—Five recitations per week for one year. Written exercises and grammar work and systematic training in German pronunciation. As much drill as possible in rapid reading of German prose and poetry.

Latin.—All students must have two years of Latin before beginning the Freshman year, except in the Engineering groups, in which two years of either French or German will be accepted in place of Latin.

Five recitations a week each year.

First Year.—Latin lessons and grammar, and Viri Romae, or Nepos, or Caesar's Gallic War begun.

Second Year.—Caesar, four books.

Third Year.—Cicero, six or seven orations, including the four against Cataline, and Sallust's Jugurtha.

Fourth Year.—Vergil, six books of the Aeneid.

REQUIREMENTS FOR ADMISSION TO SPECIAL STUDFNT STANDING

The privileges of a special student are not granted to those who come from the schools with insufficient preparation for regular standing. They are intended for those who, for any reason, are unable to complete a college course, but who are qualified by age, character, practical experience, purpose, and habits of study, to profit by university courses. Such properly qualified persons not candidates for a degree, who fulfill all the requirements for entrance to the Freshman year, may be admitted to the University to pursue one or more college subjects for which they may be fitted; provided that persons of maturity, twenty years of age or over, and teachers in public or private schools may at the discretion of the Committee on Special Students, enter as special students without conforming to the above requirements, upon presenting satisfactory credentials and testimonials. These requirements shall not apply to special collegiate or other courses where requirements for entrance are specified.

The committee reserve the right to discuss the programme proposed by the student and to require such changes as may in their judgment seem wise. Students other than those of mature years are always required to furnish the committee with evidence that the course proposed subserves a definite object which they have in view.

No student can be accepted without condition whose written English work is seriously defective in point of penmanship,spelling, punctuation, grammar, sentence structure, and paragraphing.

GRADUATION

The degree of Bachelor of Arts is conferred upon students of the College of Literature, Science, and the Arts, who have been in residence at least one academic year, and who have secured one hundred and twenty semester hours of credit, exclusive of physical training; but the degree of Bachelor of Science may be conferred upon students conforming to the requirements enumerated above and electing majors in Natural Science or Mathematics, provided that written request for this degree be filed with the Registrar of the University at least thirty days before the date upon which the degree is to be granted.

REQUIRED WORK

A semester hour is the credit given for a course consisting of one recitation, lecture, or laboratory period a week for one semester of twenty weeks. Three hours shall constitute a laboratory period.

Major.—Every student on entering the University must choose a major subject. The work required inthe major subject (including thesis) shall not be less than twenty nor more than forty semester hours.

Thesis.—Each candidate for the Baccalaureate degree shall present an approved graduating thesis in his major subject. Credit not to exceed four semester hours may be allowed for the preparation of the thesis.

Physical Training.—In addition to the one hundred and twenty semester hours required for graduation, four semester hours shall be earned in physical training, two in the Freshman year and two in the Sophomore. In case students are for valid reasons excused from physical training, such students shall earn an equivalent amount of credit in other departments. Two hours in the gymnasium shall be equivalent to one semester hour.

Language.—Every candidate for the degree of Bachelor of Arts shall secure during his Freshman and Sophomore years credit in languages other than English to the extent of 14, 16, 18, or 20 semester hours, which shall be taken in two year-courses.

Freshman Studies.—The studies of the Freshman year, except as heretofore provided, shall be chosen from the following list of subjects, consisting of the courses offered by the several departments as Freshman work: Botany 1, Botany 2, Zoology 1, Zoology 2, Chemistry 1, Economics 1, Economics 2, Economics 3, Politics 1, Politics 2, Rhetoric and Composition 1, Rhetoric and Composition 1a, Rhetoric and Composition 1b,Rhetoric and Composition 1c, Rhetoric and Composition 1d, English Literature 1, English literature 2, Early English Literature 1, Public Speaking 1, Geology 1, Greek 1 or 2, History 1, History 2, Latin 1, Latin 2, Mathematics 2, Mathematics 3, German, French, Spanish, Physics 1, Physics 1a, Physics 2, Psychology 1, Practical Problems in Ethics.

COLLEGE OF ENGINEERING

FACULTY

The faculty of each college consists of the President of the University, the professors, assistant professors, and instructors, giving instruction in the college.

ADMISSION

The requirements for admission to the College of Engineering, are the same as those for admission to the College of Literature, Science, and the Arts (see page 34), except that candidates may offer two years of either French, German, or Latin, and must have had Elementary Physics. Students who have not had Elementary Physics must take the subject at the University, but it will not count toward graduation.

GRADUATION

The degree of Bachelor of Science is conferred upon students of the College of Engineering who have secured 120 semester hours of credit, exclusive of four semester hours of required physical training, and including the work required by their major professor.

DEGREE OF ENGINEER

The professional degree of Engineer is conferred upon graduates of the University, or of other institutions of like rank, who complete a year of professional study beyond the baccalaureate requirements of the department in which the degree is sought, and who present an approved thesis showing ability to do independent work.

EQUIPMENT

The laboratories, cabinets, workshops, drafting rooms, and the large assortment of instruments for field work in surveying, hydrography, and practical astronomy, offer excellent opportunities for effective work in the courses given.

The Testing Laboratory, established in 1905, is equipped with the necessary machines and appliances for testing the strength of timber, stone, cement, and metals, the largest machine being a 200,000-pound universal testing machine.

COURSES OFFERED

Courses are offered in Civil Engineering, Electrical and Mechanical Engineering, Mining Engineering, and Chemical Engineering. The work of the first two years necessarily consists largely of courses in Mathematics, Physics, Chemistry, Shopwork, and Drawing, which are prerequisite to the technical courses proper. Changes from one course to another are permitted in accordance with the general regulations.

Students whose time and means permit are advised to spend two years or more in the College of Arts, taking courses in Mathematics, Physics, Chemistry, French, German, Economics, History, English, and such other subjects as they may desire. In this way they will secure a broader preparation, and by a proper selection of subjects will be able to complete the Engineering course in three additional years.

CIVIL ENGINEERING

For description of the courses offered in the department of Civil Engineering, see Civil Engineering under Announcement of Courses. The courses embrace Drawing and Descriptive Geometry, Surveying and Geodosy, Mechanics, Highway and Railway Engineering, Hydraulic and Municipal Engineering, and Structural Engineering.

MECHANICAL AND ELECTRICAL ENGINEERING

For work offered, and description of equipment in detail, see Mechanical and Electrical Engineering under Announcement of Courses.

THE SCHOOL OF MINES AND MINING

The School of Mines, which has been established some nine years, has prospered to an extent that makes necessary an enlargement of its work and equipment. New courses are being added, and the importance to the state of mining and allied industries assures a bright future for this branch of the University work. Trips to the mines and mills of the state are a very valuable supplement to the class room and laboratory work, and are receiving greater emphasis than formerly. The Blue River and Bohemia mining districts are close at hand and are well worth visiting. The important mining districts of Southern and Eastern Oregon are also easily accessible and trips to them are extremely helpful.

The Blue Ledge Copper district of Northern California will hereafter be included in the Southern Oregon trip. The under ground work necessary in connection with the course in mine surveying, is done on one of these trips and is made very practical.

The main attention for the present will be given necessarily to gold and silver mining and metallurgy, although attention will also be given to the metallurgy of iron, steel and copper. As the number of instructors in the University increases, options will be introduced so that students may specialize in a chosen department of mining.

The demands upon the Mining and Metallurgical Engineer are varied, and it is the policy of the University to give the student the underlying principles of Mathematics, Physics, Chemistry, Mineralogy, Geology, Mining Engineering and Metallurgy, together with some practical knowledge of Civil, Electrical, and Mechanical Engineering. The courses will deal with the problems that actually arise in mining, in the treatment of ores, and in smelting.

See announcement of courses under Mines and Mining.

CHEMICAL ENGINEERING

Chemical Engineering is one of the very youngest in the field of special engineering subjects, having been evolved in recent years in response to a constantly increasing demand for men who are not only sufficiently versed in chemical theory to understand the chemistry of technical processes, but who shall at the same time be possessed of such a knowledge of mechanical engineering that they will be enabled to construct whatever machinery or apparatus may be necessary for the most thorough practical application of chemical principles to the various industrial enterprises of the time.

It is to be seen from this characterization of his work that the function of the chemical engineer is a dual one; it has been, indeed, for the very purpose of uniting in a single individual the peculiar qualifications possessed by the laboratory man upon the one hand and the man of practical affairs upon the other,—a union that has been absolutely necessary for the proper co-ordination of laboratory and shop,—that the field of Chemical Engineering was created. That the creation has been a wise one is demonstrated every day in the constant improvements that are being made in chemico-technical processes,—improvements that are due almost wholly to the efforts of men who have exactly the equipment for work that has been outlined as necessary for the chemical engineer. The extent of the field is so wide, moreover, and the variety of special lines of work that it offers is so great, that it should appeal most strongly to young men inclined toward a scientific-industrial career, and this should be especially true in the Pacific Northwest, where resources enormous in magnitude await development.

The department of Chemistry, in co-operation with the Engineering departments, directs the course in Chemical Engineering.

GENERAL INFORMATION

UNIVERSITY REGULATIONS

REGISTRATION

On the appointed Registration Days, in September and February, each student must present himself at the Registrar's office and obtain a *Certificate of Registration.*

STUDY CARD

At the time of registering, the student receives a blank Study Card for the selection of studies for the semester. This card, properly filled out and signed by the student's adviser (head of department in which the major subject is taken), and the instructors with whom work is taken, must be filed with the Registrar within three days of the date of registration.

ENROLLMENT IN CLASSES

At the beginning of each semester, a student must present his certificates of registration to the instructors of the courses in which he desires to be enrolled, and satisfy the instructor in charge that he has had the prerequisite work.

CHANGE OF STUDIES

If because of difficulties with the schedule, or if for any other reason satisfactory to his adviser, any student wishes to make a change in enrollment he may do so by obtaining a "Change of Enrollment Card" from the Registrar and complying with the requirements indicated upon the card itself, as follows: This card to be effective, must be made out, dated, and signed by the adviser of the student in whose favor it is drawn. The date of use, except after special faculty action, must not be later than ten days from the date upon which the student registered in the University. The Registrar and all instructors are forbidden to honor it under any other conditions.

The instructor from whose course the change is made signs this card as an acknowledgement that he has been duly notified of the change. The instructor in the new course acknowledges by his signature that formal enrollment has been made.

WITHDRAWAL FROM CLASS

In case of a student leaving a course without substituting other University work for it the act is to be regarded as a withdrawal upon fulfillment of the following conditions: The act is to be initiated either by the student himself or his adviser; the adviser, after consultation with the instructor giving the course from which withdrawal is desired, must approve; the withdrawal is then effective upon filing the withdrawal card, properly executed, with the Registrar. But withdrawal shall not be granted within one month of the final examination period. The mark "W" in semester grade reports is to be held as applying exclusively to the cases coming under this paragraph.

Withdrawal cards may be obtained from the Registrar.

DISMISSAL FROM COURSES

Dismissal from a course may be made at any time by the instructor in charge, and shall be effective after consultation upon the part of the instructor with the adviser of the student concerned. Such dismissal shall be considered a failure, and shall be indicated upon the semester grade reports by "E".

AMOUNT OF WORK

The maximum number of semester hours for students in the first three years is 16, minimum 13; for students in the senior class, maximum 16, minimum 12.

MINIMUM AMOUNT OF WORK ACCEPTED

The failure on the part of a regular student to make nine hours credit in a semester shall automatically suspend the student from the University for the following semester; a second failure to make nine hours credit in a semester shall permanently sever the student's connection with the University.

CONDITIONS AND FAILURES

All conditions must be made up within one year.

Examinations for the removal of Conditions will be held on the first Monday and the following Tuesday in December, and on the Monday and Tuesday preceding the regular examination period in the second semester.

Entrance conditions may be made up either at the High School, or under private tutor approved by the head of the department.

ADVANCED STANDING

Advanced standing will be given students coming from institutions of collegiate rank, who can satisfy the heads of the University departments that the courses offered are the equivalents of those given by the University. All applications for advance standing should be made as soon as possible after registration in the University, on blanks furnished by the Registrar.

CHANGE OF MAJOR

A student may change majors at the beginning of any academic year by filing a petition, indicating the proposed change, with the Registrar. Change of major at any other time shall be made only with the consent of the departments concerned, and after action by the University Faculty.

SCHEDULE OF MARKS

A equals 95 to 100 per cent. B, 90 to 95 per cent. C, 80 to 90 per cent. D, 70 to 80 per cent. E, failure. Seventy per cent. is the passing mark, and below 70 is failure.

Inc., incomplete. Quality of work satisfactory, but unfinished for reasons acceptable to Instructor, and additional time granted.

W, withdrawal from class before middle of semester.

Incomplete work must be completed by the student within one semester; conditions must be removed within one year. Failure means that the student can not receive credits until the work is regularly re-registered and taken over again.

HONORS

Honors will be assigned to graduates as follows:

Students shall graduate *summa cum laude* when at least half their credits rank A, and not more than three credits, C; none below; *magna cum laude* when not more than three credits rank below B, and none below C: *cum laude* when not more than three credits rank below C; when a student's credits rank lower than any of the above, he graduates *rite*.

SPECIAL HONORS TO SENIORS

Under the following rule special honors will be given to seniors:

On or before the Saturday preceding Commencement week, each head of department shall place in the hands of the Senior Credit Committee the titles of all major theses which are in his opinion of unusual excellence, the writers of such theses being thereby recommended to the faculty for special honors which shall be indicated on the Commencement program and elsewhere as the Committee shall indicate.

PRIZES AND MEDALS

THE FAILING PRIZE

The Failing Prize, not to exceed one hundred and fifty dollars, is the income from a gift of twenty-five hundred dollars made to the University by Hon. Henry Failing, of Portland. It is awarded "to that member of the Senior Class in the Classical, the Scientific or the Literary Course prescribed by the University, or such courses as may, at the time, be substituted for either of said courses, who shall pronounce the best original oration at the time of his or her graduation."

THE BEEKMAN PRIZE

The Beekman Prize, not to exceed one hundred dollars, is the income of a gift of sixteen hundred dollars made to the University by Hon. C. C. Beekman, of Jacksonville. It is awarded under the same conditions as the Failing Prize, for the second-best oration.

Subjects for the Failing and Beekman Prize Orations must be handed to the Registrar by Thursday, January 10. The preliminary contest to choose the six best orators to compete in the final contest will be held Saturday morning, May 4th. The Failing-Beekman contest will be held on the evening of Tuesday of Commencement week.

AWARDS OF THE FAILING PRIZE

1890	Edward H. McAlister, Eugene.
1891	E. Etta Levis, Harrisburg.
1892	Lenn Stevens, Eugene.
1893	Carey F. Martin, Eugene.
1894	Irving M. Glen, Dayton.
1895	Julia G. Veazie, Dallas.
1896	H. S. Templeton, Halsey.
1897	Clinton E. Woodson, Currinsville.
1898	H. S. Murch, Coburg.
1899	Lawrence A. Read, Portland
1900	Homer D, Angell, The Dalles.

1901	B. C. Jakway, Portland.
1902	Elizabeth Logan, Eugene.
1903	Ella F. Travis, Eugene.
1904	Pearl Luckey, Portland.
1905	V. W. Tomlinson, Woodburn.
1906	Norma L. Hendricks, Eugene.

AWARDS OF THE BEEKMAN PRIZE

1890	Agnes M. Green, Seattle.
1891	Veina E. Adair, Eugene.
1892	Fred S. Dunn, Eugene.
1893	Thomas M. Roberts, The Dalles.
1894	Elias M. Underwood, McMinnville.
1895	Benetta Dorris, Eugene.
1896	V. V. Johnson, Eugene.
1897	Ida Noffsinger, McCoy.
1898	Clyde V. Fogle, Eugene.
1899	Bertha Slater, La Grande.
1900	Mary McAlister, Eugene.
1901	R. S. Smith, Klamath Falls.
1902	J. A. Gamber, Lacomb.
1903	J. H. Gilbert, Watsonville.
1904	Rosa Dodge, Ashland.
1905	Cora Shaver, Portland.
	Joseph Templeton, Halsey.
1906	Loris M. Johnson, Eugene.

THE BENNETT PRIZE

The Bennett Prize is the income from a gift of four hundred dollars made to the University by Hon. Philo Sherman Bennett, of New Haven, Connecticut. It is given for the best student paper on the principles of free government. The Bennett prize for 1906 was won byEdward Doak Jasper, '06, of La Grande, Oregon. His subject was "The Basic Principle of Law Making."

ALUMNI MEDAL

The Alumni Medal is presented annually by the Alumni Association of the University to the best individual student debater. The contest is held in April.

SCHOLARSHIPS

MEDICINE

The University of Oregon School of Medicine offers annually one full scholarship and two half scholarships. The holder of the full scholarship is exempt from all fees except some incidentals, the total reduction from the regular fees of the session being $120.00 for the first and second years of attendance. The half scholarship carries a reduction of $60.00 for each session in the same way. Two half scholarships cannot be united to make one full scholarship.

The scholarships are awarded to graduates of the University of Oregon, having a Bachelor's degree of not more than three year's standing at entrance to the Medical School. The awards are made by the faculty of the University, subject to approval by the Medical faculty.

COLLEGIATE ALUMNAE SCHOLARSHIP

The Oregon Branch of Collegiate Alumnae offers to the young women of Oregon a scholarship of $200.00 at the University of Oregon for 1907-8.

Application for this scholarship should be in the form of an informal letter stating fully the work done in the preparatory school and the course desired in the University, with whatever further information the candidate may consider desirable. The candidate who, in the judgment of the committee, is the best fitted to do excellent work will be appointed. Applications may be addressed to the chairman of the committee, Miss Laura Northup, Portland High School, or 261 Fourteenth Street, Portland, Oregon.

EXPENSES

INCIDENTAL FEE

There is no tuition at the University of Oregon. The incidental fee, payable each year by students in all departments of the University, is $10.00. There is also a student-body tax of $5.00 per year for the support of student enterprises. Graduate students in absentia are not required to pay the student-body tax. The fees in the School of Music vary with the instruction.

A diploma fee of $10.00 is charged for the first degree taken, and $10.00 for each succeeding degree. The rules prescribe that no person shall be recommended for a degree until he has paid all dues, including the diploma fee.

LABORATORY FEES

In all laboratory courses, in whatever department, a deposit is required to cover waste and breakage. At the end of the year, the balance of the deposit, over and above waste and breakage, will be returned to the student. The following tables give the amount of the laboratory fee in each course:

BOTANY AND ZOOLOGY

Course	Fee	Amount Returnable
Botany 1	$1.00	$ .50
Botany 2	1.00	.50
Botany 3	4.00	1.50
Botany 4	4.00	1.50
Botany 5	4.00	2.00
Botany 6	5.00	1.50
Botany 7	5.00	1.50
Botany 8	1.00	.50
Botany 10	5.00	1.50
Zoology 1	1.50	.50
Zoology 2	1.50	.50
Zoology 3	5.00	2.50
Zoology 4	5.00	1.50
Zoology 5	5.00	1.50
Zoology 6	5.00	1.50
Zoology 7	5.00	1.50
Zoology 8	5.00	1.50
Zoology 10	5.00	1.50

All laboratory accounts closed up at the end of the school year.

CHEMISTRY

All returnable material, as well as unused portions of coupons, are redeemed at the close of the laboratory work in any course at their charged value, and cash balances are collected or returned as the case may be.

General Chemistry, $10.00.
Analytical Chemistry, $15.00 to $20.00.
Organic Chemistry, $15.00 to $20.00.

CIVIL ENGINEERING

7. Testing Laboratory, $2.50.
4. Topographic Surveying, $1.00.

1. Key deposit for Mechanical Drawing, $1.00. Amount returnable, $1.00.

ELECTRICAL ENGINEEING

Courses 1 and 2, $2.00 a semester.
Courses 3, 4, 5, 6, and 7, $3.00 a semester.
Courses 24, 25 and 41, $2.00 a semester.
Courses 23 and 40, $1.00 a semester.

MINING AND METALLURGY

Course 1, Mineralogy, $10.00.
Course 4, Assaying, $15.00.
Courses 12 and 13, Metallurgical Laboratory, $10.00.

GYMNASIUM

Locker fee, $1.00. Amount returnable, .50.

PHYSICS

Each laboratory course, $5.00.

GENERAL EXPENSES

Comparative statement of student's expenses for the academic year, from September to June.

	Low	Average	Liberal
Incidental Fee	$ 10.00	$ 10.00	$ 10.00
Student Body Tax	5.00	5.00	5.00
Board and Room	126.00	162.00	216.00
Sundries	34.00	73.00	169.00
	$175.00	$250.00	$400.00

The expenses of one person for a year vary according to the circumstances of the case, but, as will be seen from the above statement, are in general very low. The following estimate is probably substantially correct: Room from $ .50 to $2.50 per week; board from $3.00 to $4.50 per week; board and room in Men's Dormitory $3.50 to $4.00 per week; board and room in Women's Dormitory, approximately $4.00 per week; books from $5.00 to $12.00 per year. Students often rent rooms and do light housekeeping, thus reducing the cost of living to a very low point.

SELF SUPPORT

Seventy per cent of the men attending the University during 1906-7 were either wholly or partly earning their own way by work

in the summers and work done during the college year. Eugene is a rapidly growing town of 7,000 inhabitants, whose citizens are friendly to the University and take pleasure in affording to students the opportunity to earn their necessary expenses. The work available during the session consists of janitor work, typewriting, reporting, tutoring, waiting on table, clerking, clothes pressing, odd jobs, etc. The Y. M. C. A. conducts a free labor bureau, which is at the service of the students. The demand for student help is usually larger than the supply.

DEPARTMENTS OF INSTRUCTION

BIOLOGY

Profesor Sweetser
Mr. Bovard
Miss Kent

(a) Introductory Courses as a foundation for study in Zoology and Botany; (1) for students preparing for the study of Applied Science; (2) for students seeking general culture; (3) for students preparing for the study of Medicine.

(b) Intermediate Courses for students preparing for more extended study in Zoology, Medicine, Physiology, Embryology, Botany, Palæontology, Geology.

(c) Advanced courses for students in the Graduate School, and for those seeking specialized study and research as far as the resources of the department will permit.

(d) Premedical Courses for students intending to study Medicine, Dentistry, and Pharmacy. On the completion of this course students will be given one year's credit at the Medical School.

The following is an outline of the work usually followed in the Premedical Course:

Freshman year	Botany 1 and 2; Zoology 1 and 2.
Sophomore year	Botany 3; Zoology 3.

Junior year	Botany 6; Zoology 4 and 5.
Senior year	Botany 5; Zoology 6, 7, and 8.

Students proposing to study Pharmacy should elect Zoology 1, Botany 1, 2, 3, 4, 5, 6, and are strongly urged to take most all of the work in the course Preparatory to Medicine and Dentistry.

Students should observe the sequence of courses as far as possible in choosing work in this department.

BOTANY

1. *Phenogamic Botany.* Three lectures and one laboratory period. An introductory study of the Morphology, Physiology, and Ecology of the Flowering Plants, both Angiosperms and Gymnosperms. It is intended for beginners or for those who wish to get a comprehensive view of the subject. Open to all Freshmen. *Four hours, first semester.*

2. *Cryptogamic Botany and Taxonomy of Phenogams.* Three lectures and one laboratory period. Morphology, Physiology, and Ecology of the Flowerless Plants and classification of Phenogams and Cryptogams. This may be taken in sequence with Course 1, or independently. Open to all Freshmen.
Four hours, second semester.

3. *Structural Botany and Plant Histology.* One lecture and two laboratory periods. Prerequisites, Courses 1 and 2. Must precede Course 5. *Three hours, first semester.*

4. ***Plant Physiology and Morphology.*** One lecture, two laboratory periods. An advance course, and will include a more or less extended study of plant organs and vegetal functions. Prerequisites, Courses 1 and 2. *Three hours, second semester.*

5. ***Medical Botany.*** One lecture, two laboratory periods. A study of some of the typical medicinal plants, their structure, habitat and medicinal properties. Also a few powdered drugs and their adulterants. Prerequisites, Courses 1, 2, and 3.
Three hours, second semester.

6. *Bacteriology.* One lecture, two laboratory periods. Laboratory technique and lectures, methods of staining, examining and cultivating bacteria. Advised for premedical students.
Three hours, both semesters.

7. *Economic Botany.* Biological examination of water, bacteriology of milk foods, etc. *Hours to be arranged.*

8. *Systematic Botany.* (a) Taxonomy of Cryptogams, Mycology, and Algology. (b) Higher Cryptogams and Phenogams.
Hours to be arranged.

9. *General Biology.* Two lectures. Devoted to the study of plant and animal structure and some of the fundamental principles of life. Discussion of evolution from biological standpoint.
Two hours, each semester.

10. *Research.* Thesis and other investigations.

ZOOLOGY

1. *Invertebrate Zoology.* One lecture and two laboratory periods. A study of a few types of invertebrates with special reference to the correlation of structure and function. Prerequisite to all higher courses in this department. Open to all freshmen.
Three hours, first semester.

2. *Vertebrate Zoology.* One lecture and two laboratory periods. A continuation of Course 2, using vertebrate types. Prerequisite to all higher courses in this department. Open to all Freshmen. *Three hours, second semester.*

3. *Mammalian Anatomy.* One lecture and three laboratory periods. A comparative study of mammalian anatomy with the dissection of a typical mammal, followed by the study of Human Osteology. Prerequisite, Courses 1 and 2.
Four hours, both semesters.

4. *Histology. The Cell.* One lecture and two laboratory periods. A detailed study of the cell and the various tissues that are found in the body. Prerequisites, Courses 1 and 2. This course should precede Course 5. Not given in 1907-8.
Three hours, first semester.

5. *Histology.. Microscopical Anatomy.* One lecture and two laboratory periods. The microscopical anatomy of the various organs of the body. Prerequisites, Courses 1 and 2. The course should be preceded by Course 4. Not given in 1907-8.
Three hours, second semester.

6. *Vertebrate Embryology.* Two lectures and two laboratory periods. The development of the chick and a comparison with some of the other vertebrate types. Prerequisite, Courses 1 and 2.
Four hours, first semester.

7. *Physiology.* Three lectures and one laboratory period. Digestion, Metabolism, Dietetics, Excretion, and Animal Heat. Prerequisites, Courses 3, 4, and 5. Organic Chemistry and at least a year of Physics. *Four hours, first semester.*

8. *Physiology.* Three lectures and one laboratory period. Blood Circulation, Respiration, Muscle, Nerve, Reproduction, and the Nervous System. Prerequisites, Courses 3, 4, and 5, Organic Chemistry, and one year of Physics.
Four hours, second semester.

9. *Seminar.* Discussion of current literature.
One hour, both semesters.

10. *Research Laboratory.* Original work on some Zoological problem by the student under the guidance of the instructor. Credit to be based on the character of the work.
Hours to be arranged.

EQUIPMENT

The Biological Department is thoroughly equipped for work. It has a large lecture room and operating room, combined, and a large well lighted laboratory. The equipment of the department includes among other things twenty-six compound microscopes, with low and high power objectives, including one-twelfth homogeneous immersion lens, camera lucidas; instruments for microscopic measurements; microtome, imbedding baths, incubators, digestion oven, Fick's spring manometer, Marey's tambours, kymograph, sphygmograph, induction coil and battery, time marker and clock, centrifuge with tubes and haematokrit, etc.

It has also a series of skulls and skeletons illustrating stru-c ture of different mammals; birds and reptiles; articulated and disarticulated human skeletons; many human skulls, disarticulated, sectional and foetal.

The museum contains a fine series of mounted and unmounted birds and mammals, to illustrate different groups; a collection of Oregon reptiles, made by Mr. J. R. Wetherbee; a series of fish, mostly salmonidae from the Columbia River, donated by the United States Government; a collection of food fishes of the Oregon coast, made by Mr. B. J. Bretherton, of Newport, Oregon, and presented to the University.

It is further supplied with an excellent series of invertebrate

animals, models of types from France and Germany, and a fine series of botanical models of types of various groups of flowers, and of representatives of insectivorous plants. To this must be added casts of brains and head formations of various races, and a particularly fine series of wax models made from drawings by His in Ziegler's Laboratory at Freiburg, illustrating different stages in the development of the human embryo and that of the chick; also a similar series showing the development of amphioxus, different forms of segmentation, etc., etc.

Mr. Thomas Howell has donated his large herbarium, containing many type species, to the University. This collection will be available for students in Systematic Botany.

The laboratory is supplied with a large aquarium for the preservation of specimens, and both laboratory and lecture room are lighted by electricity and furnished with gas from the plant of the University. Constant additions are being made to the apparatus and collections.

LABORATORY FEES IN BOTANY AND ZOOLOGY

Course	Fee	Amt. Returnable
Botany 1	$1.00	$ .50
Botany 2	1.00	.50
Botany 3	4.00	1.50
Botany 4	4.00	1.50
Botany 5	4.00	2.00
Botany 6	5.00	1.50
Botany 7	5.00	1.50
Botany 8	1.00	.50
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Zoology 6	5.00	1.50
Zoology 7	5.00	1.50
Zoology 8	5.00	1.50
Zoology 10	5.00	1.50

All laboratory accounts closed up at end of school year.

CHEMISTRY

Professor Stafford

Mr. Huddle

Ten rooms in McClure Hall are at the disposal of this department. They are well equipped with apparatus and appliances of the latest and most approved forms, so that the work undertaken in this subject can be carried on efficiently. The lecture room is commodious and admirably adapted to its purpose. There are three large laboratories, each having a complement of tables, lockers, gas, compressed air, water, waste, hoods, hydrogen sulphide connections, water-baths, drying ovens, electric terminals, balances, and other accessories.

In the courses outlined below especial attention is given to the matter of making the preparation for teaching and research, chemical technology, medicine, mineralogy, metallurgy, and chemical engineering as complete and practical as possible. The arrangement is such that progress in chemical training for any of these lines of work shall be logical and continuous from the very first. At the same time the value of chemistry as a purely educational factor is kept in view, and no effort is spared to make this study conform to the requirements of such. For training in habits of exactitude, for gaining a helpful insight into the methods of scientific thought and procedure, and for practice in the interpretation of evidence, chemistry holds a high position among the studies offered in college or university.

Students electing Chemistry as a major will in general be expected to take Course 1 during the freshman year, Course 3 in the sophomore year, and Courses 5 and 10 during the junior year. The senior year may be devoted to whatever courses the department may offer during that year which will most nearly meet the demands of the special line of work to be taken up after graduation. Prerequisites and closely allied work during the college course include German, French, Mathematics, Physics, Mineralogy, Biology, etc., depending again upon the work for which the student is making preparation.

1. *General Chemistry.*—This course or a satisfactory equivalent is prerequisite for all other work in this department except Course 18. Its purpose is to give a general introduction to the science, emphasizing, incidentally, many practical applications of Chemistry in the affairs of every-day life, manufactures, metallurgy, etc.

Three lectures are given each week for the year in which the subject material of the course is illustrated by elaborate lecture experiments, while numerous specimens, models, charts, lantern slides, etc., serve to give the subject a living interest by bringing the students as nearly as possible into contact with its practical aspects. Three hours of laboratory work per week for the year, with the ample facilities for laboratory work that this department now offers, affords abundant opportunity for first-hand contact with the experimental truths of chemistry and for training in laboratory methods. The general laboratory is a well lighted room, containing one hundred individual lockers, each supplied with gas, water, and a very complete outfit of chemicals and apparatus. The room is equipped with a bank of hoods from which the air is continuously exhausted by an electrically driven Sturtevant fan. In the hoods are to be found steam and water baths, gas, water, waste, hydrogen sulphide cocks, etc., while elsewhere about the room are electric terminals for power, aspirators, rapid filtering apparatus, blast lamps, drying ovens, scales, and in general whatever other appliances may be necessary for the exemplification of laboratory practice of the highest order. Six balances for the use of students in this course are in a room immediately adjacent. Lectures on Monday,Tuesday, Wednesday at 11; laboratory periods 1 to 4, Thursday or Friday.

Four hours, both semesters.

3. *Analytical Chemistry.*—A rapid survey of systematic qualitative analysis is accompanied by a sufficient study of the law of mass action and the theory of electrolytic dissociation to enable the student to discuss the more important operations of analytical chemistry from a scientific standpoint. In addition to this, the gravimetric quantitative determination of the following ions is taken up and continued until completed satisfactorily: The chlorine, iron, and sulphate ions in chemically pure compounds prepared by the student; silicate, iron, and aluminum, calcium, magnesium, and carbonate ions in dolomite; the phosphate ion in apatite; lead in an impure galena; and silica, iron, and aluminum, calcium and magnesium in an insoluble silicate. Following the above will be the preparation of standard normal alkali, acid and bichromate solutions, together with an assigned exercise involving the use of each. One lecture per week for the year at 11 Thursday. Laboratory open to students in this course 1 to 5 Monday, Tuesday and Wednesday. *Four hours, both semesters.*

5. *Organic Chemistry.*—An introduction to the chemistry of

the hydrocarbons and their derivatives. The subject matter of this course is a necessity to the advanced student of chemistry, and to students of medicine, pharmacy, biology, and kindred subjects. The work is based largely upon "Organic Chemistry"—Perkin and Kipping. Two lectures a week for the year. Laboratory requirements are the satisfactory completion of twenty-five preparations to be assigned by the instructor.

Three hours, both semesters.

10. *Advanced Inorganic Chemistry.*—A lecture course in which an introductory study of the law of mass action, the phase rule, the theory of electrolytic dissociation, Avogadro's hypothesis, and similar helpful conceptions is made in connection with their practical applications. The work is based upon "The Principles of Inorganic Chemistry"—Ostwald. Three lectures per week through the year. *Three hours, both semesters.*

12. *Advanced Analytical Chemistry.*—A course designed for those who wish to perfect themselves in general analytical methods or to secure practice in the analytical chemistry of special lines of work. Enrollment may be made for from three to twelve semester hours. *Both semesters.*

14. *Industrial Chemistry.*—Typical industries are studied for the purpose of bringing out the technique of applied chemistry as well as to give specific information regarding the cases discussed. In 1906-7 the questions discussed were: Fuels, Cement, Lime, Plaster, Alkalis, Acids, Coal Tar, Ammonia, Electric Furnaces, and Electrometallurgy. Lectures, collateral reading, and reports.

Two hours, both semesters.

16. *Physical Chemistry.*—The elements of this subject. Two lectures and one three-hour period for laboratory work or calculations. *Three hours, both semesters.*

18. *Chemistry in its Historical and Economic Aspects.*—This course is for those who may wish to know something of the place chemistry fills in our present day civilization, but who do not care to devote to its study the time necesary for a mastery of chemical theory and technique. Lectures, assigned reading, and reports. *One hour, first semester.*

LABORATORY FEES AND PURCHASE OF MATERIAL

The efficiency of a laboratory course depends to a very great extent upon having at hand a sufficient supply of the proper ma-

terials for the work outlined by the instructor. These materials correspond in a way to the pencils, paper, text-books, etc., required in other courses to facilitate the work of instruction.

The selection of materials is itself a task demanding considerable experience if the best are to be secured, and since, moreover, the remoteness of the University from adequate sources of such supplies make their purchase in a small way a matter entirely out of the question, it becomes a necessity for the department to carry in addition to its own assortment of chemicals and apparatus for general and lecture purposes an amount sufficient for the use of its students in all of the courses offered.

In conducting this phase of departmental affairs, the aim is to make it strictly a business proposition, the carrying out of which demands a rigid adherence to the following details:

A deposit of ten dollars for each laboratory course in which enrollment is made must be placed with the University Steward to stand as a security for the *unreturnable* portions of the outfits loaned at the beginning of laboratory work, and as a fund from which may be deducted a proportionate share of the cost of material supplied to the course in a general way. This deposit, as a rule, does not nearly cover the entire cost of the outfits, and the transaction is made with the understanding that where the breakage and other losses are excessive the student is to make good whatever the amount may be over and above the deposit. The department reserves the right in all cases to withhold credit for work done until laboratory accounts are fully settled.

Loans of additional material are made from time to time as may be necessary, the charges for which are punched from coupons issued in sums of one dollar by the University steward. Such additional material need not necessarily be obtained from the store room, however, but from wherever it may be desired so long as it is available when needed, and is adapted in all respects to the course requirements both as to quality and quantity; but in order to avoid the accumulation of heterogeneous material in the storeroom, the department will not receive any article for credit at the end of a course that was not originally dispensed from the regular stock. Since a large part of the apparatus carried in the store room is imported free of duty for use in the University laboratories only, the department does not relinquish title to the material taken out, but considers the transaction as a loan.

All returnable material, as well as unused portions of coupons, are redeemed at the close of the laboratory work in any course at their charged value, and cash balances are collected or returned as the case may be.

The approximate cost of the laboratory courses outlined above is as follows: General Chemistry, $10.00; Analytical Chemistry, $15.00 to $20.00; Organic Chemistry, $15.00 to $20.00.

It is especially to be noted that the deposit of ten dollars is to be made preliminary to enrollment in laboratory courses. There should therefore be due provision on the part of the student for the prompt payment of this amount in order that no hardship may be incurred by the delay that otherwise must follow.

CIVIL ENGINEERING

Professor McAlister

Mr. Adams

Mr. McClain

Students taking their major in Civil Engineering will usually find it advantageous to arrange their work about as follows:

First year—Trigonometry and Analytical Geometry, General Chemistry, Drawing, Shopwork, Elective 2 to 4 hours.

Second year—Calculus, Elementary Surveying, Descriptive Geometry, Graphic Statics, Shopwork, Elective 4 or 5 hours.

Third year—First semester: Topographic Surveying, Analytical Mechanics, Railroad Surveying, Elective, 4 or 5 hours. Second semester: Topographic Surveying, Strength of Materials, Stresses in Framed Structures, Analytical Mechanics, Elective 2 or 3 hours.

Fourth year—First semester: Masonry, Bridge Design, Hydraulics, Elective 5 or 6 hours. Second semester: Elective 15 hours.

The prerequisites noted in connection with the following courses will be found described under the appropriate departments.

DRAWING AND DESCRIPTIVE GEOMETRY

1. *Mechanical Drawing.*—Use and care of instruments; plain lettering; elementery projections of points, lines, surfaces and solids, isometric and oblique projections; simple working drawings; shading; section lining; blue prints. Six hours in drafting room. Freshman year. Prerequisite for Engineering students.

Two hours, both semesters.

1a. *Freehand Lettering.*—Extended practice in various styles of lettering commonly used on working drawings. Three or six hours in drafting room.

One hour both semesters, or two hours one semester.

2. *Descriptive Geometry.*—Orthographic projections of points, lines, and solids; traces of lines, planes and single-curved surfaces; cylinder, cone and double-curved surfaces of revolution; intersection of solids by planes and development of surfaces; intersection of solids by solids; applications. Open to students who have had Course 1. Prerequisite for all Engineering students. Drafting room and lectures, 6 hours per week. *Two hours, first semester.*

SURVEYING

3. *Elementary Surveying.*—Adjustment and use of instruments; land survey computations; reduction and platting of field notes; simple earthwork computations; mapping; differential and profile leveling; compass surveys; azimuth traverses; stadia measurements; simple triangulation, etc. Recitations, one hour per week; field and office work, six hours per week. Open to students who have had Freshman Mathematics and Course 1. Required of all Engineering students. *Three hours, both semesters.*

4. *Topographic Surveying.*—Horizontal and vertical location of points; representation of relief by contours; determination of latitude, time, azimuth and longitude; triangulation; precise leveling; reduction formulas for surveys and map projections; adjustment of errors; details of field work; map drawing. Lectures and recitations, one hour; field work, six hours per week. Open to students who have had Course 3 and Calculus. Required of students in Civil and Mining Engineering. *Three hours, both semesters.*

4a. *Astronomical Practice.*—More extended practice than can be given in Course 4, in determining time, latitude, longitude, and azimuth. Additional methods are also developed. Three hours field practice. Open to those who have had Course 4.

One hour, either or both semesters.

STRUCTURAL ENGINEERING

5. *Graphic Statics.*—Graphic methods for solving problems in the equilibrium of rigid bodies; direct applications of the general principles are made to the determination of stresses in framed structures subject to fixed loads; of shear and bending moment in beams; and of the centroid and moment of inertia of plane areas.

Six hours per week in drafting room. Open to students who have had 1 and 2. Prerequisite for all Engineering students.

Two hours, second semester.

6. *Strength of Materials.*—(a) Elements of the mathematical theory of elasticity, with applications to beams, columns, shafts, etc. Lectures and recitations, two hours per week.

(b) Testing Laboratory. Each student is required to make a series of tests of timber, wrought iron, cast iron and steel, in tension, compression, cross bending and shear. Laboratory, six hours per week. Open to students who have had Calculus, Analytical Mechanics, and Shopwork. Required of all Engineering students.

Four hours, second semester.

7. *Stresses in Framed Structures.*—Determination by graphic and analytical methods of stresses in trusses and other framed structures, including structural details. Drafting and computations, nine hours per week. Open to students who have had Calculus and Course 5, and who have had or are taking Analytical Mechanics. Required of Civil Engineering students.

Three hours, second semester.

8. *Masonry.*—Materials, foundations, piers and abutments, retaining walls. Lectures, computations and drafting, and laboratory work in testing stone, brick, cement, etc.; in all, nine hours per week. Open to students who have had Calculus, Analytical Mechanics, Elementary Chemistry, and Courses 1, 2, and 6. Required of Civil Engineering students. *Three hours, first semester.*

9. *Structural Design.*—Designs, drawings, bills of materials, and estimates of cost of girders and trusses of wood and steel. Drafting and computations, nine hours per week. Open to students who have had Courses 6 and 7 and Shopwork. Required of Civil Engineering students. *Three hours, first semester.*

10. *Advanced Bridge Design.*—Courses 7 and 9 are extended to include the more complex forms of trusses, cantilever, and swing bridges for railways. Drafting and computations, lectures and assigned readings; in all, fifteen hours per week. Open to students who have had Courses 7 and 9. *Five hours, second semester.*

11. *Masonry Arches.*—Computation of stresses, designs, and drawings for arches of stone, brick, or concrete. Drafting room, six hours per week. Open to students who have had Courses 6 and 8.

Two hours, second semester.

HYDRAULIC AND MUNICIPAL ENGINEERING

12. *Hydraulics.*—Hydrostatic pressure in pipes, tanks, reservoirs, etc.; fluid motion; dynamic pressure, theoretical and empirical formulas for flow of water through orifices, over weirs, through tubes, in pipes, conduits, canals, and rivers; measurements of water power, with brief reference to common water wheels and turbines. Open to students who have had Calculus, Analytical Mechanics, and Course 3. Required of Civil Engineering students.
Four hours, first semester.

13. *Water Supply Systems.*—Amount of water required; available sources of supply; storage reservoirs and dams; purification works; supply pipes and conduits; city mains and branches; pumping machinery, operation and maintenance. Lectures and recitations, two hours per week; drafting and computations, nine hours per week. Open to students who have had Course 12.
Five hours, second semester.

14. *Elements of Water Supply Design.*—Course 13 abbreviated for students who desire a general knowledge of the subject, but do not care to make a specialty of it. Lectures, drafting, and computation; in all six hours per week. Open to students who have had course 12. *Two hours, second semester.*

15. *Sewerage and Drainage Systems.*—Detailed designs of systems; disposal works and drains; separate and combined systems; rainfall and run-off; estimating increase of population, sewerage per capita; ground water; grades and self-cleansing velocities; use of formulas and diagrams; outfalls; disposal works. Lectures and recitations, two hours per week; computation and drafting, nine hours per week. Open to students who have had Course 12.
Five hours, second semester.

16. *Elements of Sewer Design.*—Course 15 abbreviated. Lectures, drafting and computations; in all, six hours per week. Open to students who have had Course 12. *Two hours, second semester.*

17. *Irrigation Engineering.*—Hydrography, including stream measurements; rainfall and run-off; evaporation, absorption, and seepage; duty of water; sub-surface water sources, artesian wells. Canals and canal works; surveys, alignment, slope and cross sections of canals; headworks and diversion weirs; distributary canals or ditches. Storage reservoirs, location, capacity and construction;

earth, loose rock, and masonry dams, waste ways and outlet sluices. Pumping water for irrigation. Recitations, three hours; field work and drafting, six hours per week. Open to students who have had Courses 12, 4, 6 and 8. *Five hours, second semester.*

RAILWAY AND HIGHWAY ENGINEERING

18. *Railroad Surveying.*—Reconnaissance, preliminary survey, location survey; simple curves; compound curves; transition curves; vertical curves; earthwork; switches and crossings. Recitations, two hours; field and office work, nine hours per week. Open to students who have had Course 3. Required of Civil Engineering students. *Five hours, first semester.*

19. *Economic Railway Location.*—A study of the sources of income; operating expenses; distance, grades and curvature as affecting first cost; maintenance and operation; relative power of locomotives; rolling stock, train resistance, etc. Assigned readings, reports and recitations. Open to seniors or graduates who have had Course 18. *Two hours, second semester.*

20. *Roads and Pavements.*—Survey and location of roads; grades; drainage; foundations; road coverings; crushed rock and gravel. Stone, wood, asphalt, and brick pavements; laying out city streets; footwalks, curbs, gutters, maintenance, repair, cleaning, and watering. Recitations two hours per week. Open to students who have had Courses 3, 8, and 12. *Two hours, second semester.*

LABORATORY FEES

Second Semester

6.	Testing Laboratory	$2.50
4.	Topographic Surveying	1.00

ELECTRICAL AND MECHANICAL ENGINEERING

Professor Dearborn
Mr. Converse
Mr. Reid
Mr. Stevenson

The following courses in Electrical and Mechanical Engineering are offered.

In connection with these, the student takes courses as follows: Advanced Algebra, Trigonometry, Analytical Geometry, Cal-

culus, and Analytical Mechanics in Mathematics; Course 1 in Chemistry; General Physics, Electricity and Magnetism, and Electrical Testing in Physics; Mechanical drawing, Descriptive Geometry, Graphic Statics, Surveying, Machine Design, Hydraulics, and Strength of Materials in Civil Engineering. The student is at liberty to elect courses in other departments for which he may be prepared and according to the time at his disposal .

An outline of the courses in Electrical and Mechanical Engineering is given below to indicate a suitable sequence:

First year—Algebra, Trigonometry, Analytical Geometry, Chemistry, English, Mechanical Drawing, Shopwork.

Second year—Calculus, General Physics, Descriptive Geometry, Graphic Statics, Elementary Surveying, Shopwork.

Third year— Direct Current Machinery, Electricity and Magnetism, Electrical Testing, Electrical Design 21, Electrical Laboratory 24, Telegraphy and Telephony, Steam Engines and Boilers, Analytical Mechanics, Machine Design, Mechanical Laboratory 41.

Fourth year—Alternating Currents, Thermodynamics, Street Railways, Electric Power Transmission, Electrical Design 22, Electrical Laboratory 25, Hydraulics, Strength of Materials, Thesis.

Courses are numbered as follows:

Shopwork, 1 to 10.

Electrical Engineering, 10 to 30.

Mechanical Engineering, 30 to 50.

1. *Woodworking.*—Use and care of tools. Mitering, woodturning. Three hours a week in the shops.
One hour, one semester.

2. *Pattern Making.*—Selection of woods. Core boxes; draft, shrinkage, etc. Three hours a week in the shops.
One hour, one semester.

3. *Forge Work.*—Forging, welding, tool-dressing, tempering, annealing. Three hours a week in the shops
One hour, two semesters.

4. *Foundry Work.*—(Not given in 1907-8). Moulding, coremaking. Management of cupola and crucible furnace. Three hours a week in the shops. *One hour, two semesters.*

5. *Machine Shop.*—Bench work, chipping, filing, etc. Three hours a week in the shops. *One hour, one semester.*

6. *Machine Shop.*—Exercises on lathes, shaper, planer, milling machine, drill press, etc. Three hours a week in the shops.
One hour, one semester.

7. *Machine Shop.*—Construction and erection of apparatus and machines. Three hours a week in the shops. Prerequisites, Courses 5 and 6. *One hour, both semesters.*

8. *Shop Lectures.*—Given at various times in connection with the shop work.

11. *Electricity.*—A brief general course for non-engineering students, designed to cover the simpler applications of electricity to lighting, heating, and power. Open to students of sophomore standing *One hour, second semester.*

12. *Industrial Electricity.*—A general course in Direct and Alternating Currents, with a minimum of theory, designed with especial reference to the application of electricity to industrial operations. Open to students of junior standing.
Three hours, second semester.

13. *Direct Current Machinery.*—Theory and design of series, shunt, and compound direct current dynamos and motors. Discussion of construction and operation of direct current machinery and its application to electric lighting and power. Prerequisites, Course 4 Mathematics, and Courses 2 and 3 Physics.
Three hours, first semester.

14. *Alternating Currents.*—The theory of generation of single phase and polyphase alternating currents. Graphic problems, measurement of power, theory of transformers, rotary converters, synchronous and induction motors. Prerequisite, Course 13.
Four hours, first semester.

15. *Street Railways.*—A course in street railway design, construction and operation. a. Direct current practice. b. Alternating current development. Prerequisite, Course 13.
Two hours, second semester.

16. *Electric Lighting.*—A study of the various electric illuminants and their adaptations to exterior and interior lighting. Open to students of junior standing. *One hour, one semester.*

17. *Electric Power Transmission.*—A study of the transfor-

mation, transmission, and distribution of electric energy. Prerequisites, Courses 13 and 14. *Two hours, second semester.*

18. *Telegraphy and Telephony.*—Fundamental principles of electric signalling, with illustrations of modern commercial practice. Prerequisite, Course 12 or 13. *One hour, one semester.*

19. *Thesis.*—Preliminary reading and investigation is done during first semester. Subjects must be chosen and approved before the first Monday in November. *Two hours, second semester.*

21. *Electrical Design.*—Direct current. Calculation and design of electromagnets and direct current dynamos. Three hours a week in drafting room. Prerequisite, Course 13.
One hour, second semester.

22. *Electrical Design.*—Alternating current. Drawings and specifications of alternating current machinery. Prerequisite, Course 14. *One hour, second semester.*

23. *Electrical Laboratory.*—Industrial. A brief course given in connection with Course 12. Two hours in the laboratory.
One hour, one semester.

24. *Electrical Laboratory.*—Direct current. A laboratory course for the experimental study of direct current dynamos and motors; their operation, characteristic curves, and efficiencies. Four hours in the laboratory. Prerequisite, Course 13.
Two hours, second semester.

25. *Electrical Laboratory.*—Alternating current. Laboratory tests of single and polyphase generators, induction and synchronous motors, transformers, frequency changers, etc. Four hours in laboratory. Prerequisite, Course 14. *Two hours, second semester.*

26. *Inspection Trip.*—A trip to the principal power plants and industrial centers of the Northwest, taken during Easter vacation every other year.

30. *Prime Movers.*—A course in the practical adaptations of steam engines, boilers, pumps, gas and gasoline engines, steam turbines, etc., to general engineering work. Open to students of junior standing. *Three hours, first semester.*

31. *Steam Engines and Boilers.*—The theory, construction, and operation of the best types of engines and boilers. A study of valve gears, steam distribution, regulation of engines, and turbines. Fuel determination. Discussion of condensers, mechanical stokers, and chimneys. Prerequisite, Course 4 in Mathematics, and Courses 2 and 3 in Physics. *Three hours, first semester.*

32. *Steam Boilers.*—Introduction in heat and steam, types of steam boilers, boiler details, boiler fittings, automatic furnaces and mechanical stokers, care and management, combustion, firing and draught, economic combustion of coal, boiler installation, boiler feeding and feed-water problems, boiler trials, principles of boiler design. Prerequisite, Course 2 in Mathematics.
Two hours, two semesters.

33. *Steam Machinery.*—A detailed description of the construction, operation, care and management, installation, and principles of design of the following: Steam engines, simple and compound; governors, valve gears, condensers, engine management, engine installation, steam engine testing, steam turbines, indicators. Prerequisite, Course 2 in Mathematics. *Two hours, two semesters.*

34. *Thermodynamics.*—The mechanical theory of heat and its application to steam, gas, and hot-air engines; refrigerating machines and air compressors. Prerequisite, Course 31.
Three hours, one semester.

35. *Pumps.*—A discussion of the various forms of pumps in common use. Construction, operation, care and management, etc.
One hour, one semester.

36. *Steam Power Plant Design.*—Including selection and installation of equipment. *One hour, one semester.*

37. *Refrigerating Machinery and Air Compressors.*—
One hour, one semester.

38. *Internal Combustion Motors.*—The leading types are discussed as to their construction, care, management, operation, including a discussion of producer gas systems.
One hour, one semester.

40. *Mechanical Laboratory.*—Prime movers. A brief course given in connection with course 30. Two hours in laboratory.
One hour, one semester.

41. *Mechanical Laboratory.*—Experiments chiefly in Steam Engineering. Engine, boiler and pump tests. Indicators; dynamo-

meters; fuel calorimetry; valve setting; flue gas analysis. Four hours in laboratory. Prerequisite, Course 31.

Two hours, second semester.

SHOP AND LABORATORY FEES

Courses 1 and 2, two dollars a semester.
Courses 3, 4, 5, 6, and 7, three dollars a semester.
Courses 24, 25 and 41, two dollars a semester.
Courses 23 and 40, one dollar a semester.

ECONOMICS

Professor Young

Mr. Brindley

The courses offered by this department are designed to meet the needs of students who intend to enter the public service, business, the professions of law, journalism, the ministry or who are preparing to teach in this field or in those of history or literature. Students planning to follow engineering or other practical pursuits who wish to round out their preparation for life on the business, social, and civic sides, will find courses especially adapted to their needs. Preparation for those higher and wider responsibilities of citizenship that should be assumed by every university man or woman is provided for in special courses. (See courses No. 16 and 17.)

The work of this department has thus the following distinct but related aims:

1. To provide in co-operation with other departments the regular preliminary university instruction for several practical and professional pursuits.

2. To supplement the work of other departments in providing the lines of study necessary in the training for efficient citizenship.

3. To assist and encourage the development of these sciences and to stimulate a larger utilization of their principles in the organization and affairs of this commonwealth. (See "Research and Thesis Course," No. 19.)

Special attention is called to the courses of the department of History, which are naturally preliminary to thorough work in this department; to the general course in biology for concepts helpful in the study of sociology; and to related courses in philosophy and ethics as well as the journalistic courses in the department of Rhetoric and English.

Open to freshmen at the beginning of the University year

Economics: Courses 1 and 2; and if student has had requisite preparation, Course 3.

Political Science: Courses 1 and 2.

ECONOMICS AND SOCIOLOGY

1. *Economic and Social History of England.*—This course is introduced by a sketch of the social and industrial evolution of mankind to the stage represented by the inhabitants of England at the time of the Saxon invasion. The nature of the social and industrial organization of the English people is traced through its successive modifications down to the present time, and the influences affecting it identified. Text-book, assigned readings and exercises.

Two hours, first semester.

2. *The Economic and Social History of the United States.*—The development of the characteristic phases of agriculture, industry, and commerce in the United States is studied and the interaction between this economic development and the political and social institutions noted. *Two hours, second semester.*

3. *The Principles of Economics.*—The principles that underlie the different economic relations and institutions are developed and applied. The elements in the more important economic problems are pointed out. Text-book, assigned readings and exercises.

Three hours, both semesters.

4. *The Elements of Sociology.*—This course is taken up with an inquiry into the nature of society, the course of social evolution, the factors of social change and the causes of social progress.

Two hours, both semesters.

5. *The Labor Problem.*—Topics considered are: The rise of the factory system, factory legislation, the growth of trade unions, and changes in the law in respect to them, the policies of trade unions, strikes, lockouts, arbitration and conciliation, proposed solutions of the labor problem, and the future of labor in the United States. *Two hours, first semester.*

11. *Public Finance.*—It is the aim in this course to ascertain principles of public expenditure, budgetary legislation, financial organization, public revenue and public indebtedness. These prin-

ciples will then be applied to concrete problems connected with corporation, railway, mortgage and insurance taxation, and double taxation, and the personal property and inheritance taxes
Three hours, both semesters.

12. *Systems of Finance.*—The history, organization, and correlation of the features of a national and of a commonwealth system of finance with special reference to Oregon experience and conditions. *Two hours, both semesters.*

13. *Money, Credit, and Banking.*—The principles of Economics are applied to modern monetary systems with the view of developing policies of improvement. *Two hours, first semester.*

14. *Corporation Finance, Securities and Accounting.*—A study of the methods of financiering employed in large corporations, with their systems of organization and accounting.
Two hours, second semester.

15. *History of Economic Thought.*—The interactions between the ideas pertaining to economic interests and the conditions of economic life, also the relations between the economic thought and the philosophical speculations of successive epochs are traced. The existing schools of economic thought are defined.
Three hours, first semester.

16. *Distribution of Wealth.*—An historical and comparative study of the theories of leading economists.
Three hours, second semester.

17. *Railway Transportation.*—A study of the economic, social and political problems connected with the railroad as a factor in modern life. *Four hours, first semester.*

18. *Pools, Trusts, and Combinations.*—An inductive study of the tendencies and forces in modern industrial development.
Four hours, second semester.

19. *Economic Research and Senior Theses.*—Topics for research relating to problems of legislation and administration in Oregon. All seniors taking majors in this department will be guided in the preparation of their theses.
Two hours, both semesters.

20. *Modern Sociological Thought.*—A survey of the leading sociological writers, and a synthesis of their systems.
Three hours, both semesters.

21. *The Problems of Democracy,* as they are defined in the city. *Two hours, first semester.*

22. *Psychological Sociology.*—The reciprocal relations between psychology and sociology are traced. *Two hours, both semesters.*

POLITICS

1. *Political Institutions of the United States.*—A general study of the American system of politics in its local, state, and federal organs, their relation to each other and the political forces they give expression to. *Three hours, first semester.*

2. *Political Institutions of Europe.*—A comparative study of the leading states of Europe, giving special emphasis to the development and working of the English Constitution and to the present trend of constitution making. *Three hours, second semester.*

3. *Municipal Government in the United States and in Europe.*
Two hours, first semester.

4. *State Administration.*—A study of local and state administrative systems of the United States. *Two hours, second semester.*

5. *Jurisprudence.*—Analysis of the fundamental concepts of the science of law, tracing their development.
Two hours, first semester.

6. *Roman Law.*—Its history and spirit.
Two hours, second semester.

7. *History of English and American Law.*—A study of legal institutions in connection with social and political development.
Two hours, first semester.

11. *History of Political Thought.*—Development of a political philosophy from the Greeks to the present time, and its connection with political history. *Two hours, first semester.*

12. *Philosophy of the State.*—A critical study of contemporary political thought. *Two hours, second semester.*

13. *International Law.*—An inquiry into the nature, sources, and sanctions of international law, and an outline study of its growth, with emphasis upon some of the leading international questions of today.

ENGLISH

Six objects are contemplated in the following courses:

1. An ability to appreciate, enjoy, and criticise justly, the best in English Literature.

2. A scientific knowledge of the origin and development of English Literature in general, and of special periods in particular.

3. Proficiency in English composition, including skill in organization of material.

4. A scientific knowledge of the laws of written and spoken discourse.

5. Ability to apply the methods of philological science to the English language.

6. The ability to appear before an audience with composure, and speak so as to be heard, to be understood, and to be believed.

All students, regular and special, who take up the work in these courses, must present twenty hours of entrance English. The entrance English requirements will conform to the state high school course. Further, every student, at the beginning of his freshman year, shall elect either (1) to take an examination testing facility and accuracy in the use of English,—or (2) to take a course of at least two semester hours [1a or 1b] in English, for which college credit will be given. (If the student fail in the test examination, a freshman course of, at least, two semester hours will be required. A passing mark in the test examination leaves the student free from required English and eligible to elect courses under conditions specified. A student who attains grade A in the test examination is eligible to enter Courses 2 and 3 or 4. A student who passes the test examination with grades B or C must take a freshman course to be eligible to do sophomore work.)

Under Rhetoric, Criticism, and English Composition, 1a or 1b is required of all freshmen in all courses who do not pass a test examination, excepting such freshmen as may desire to elect either 1 or 1c. Course 2 is open to those who have attained grade A in the test examination. Course 3 is open to those who have taken or are taking Course 2.

All students entering advanced college classes must be accredited with English done elsewhere or comply with entrance requirements here, through examination or work in class.

RHETORIC AND AMERICAN LITERATURE

Professor Carson
Miss Slater
Miss Bigelow

Students who elect their major in the Department of Rhetoric and American Literature are expected to take in their freshman year: 1. English Prose Style, 1. Outlines of Modern English Literature, or 1. Beginnings of English Literature. 1. Public Speaking; in the sophomore year: 2. Rhetoric and Criticism, 3, Criticism, Exposition and Argument, 2. Public Speaking, one course in Literature to be selected according to plans of the student, one course in American History. The remaining hours will be filled from other departments.

RHETORIC, CRITICISM, AND ENGLISH COMPOSITION

The courses in English Composition comprise papers under description, narration, exposition, and criticism, followed by forensics, analysis of masterpieces of argumentative composition, short stories and orations. In the junior and senior courses in orations, lectures are given concerning the differences between spoken and writen discourse, the characteristics of the oration, the nature and purposes of persuasion, the laws of good prose. Courses 1, 1a, 1c are open to freshmen who enter at the beginning of the second semester.

Courses 2, 3, 4, and 5, in Rhetoric and English Composition, also Courses 1, 2, and 3, in Public Speaking, are prerequisite for the Junior Exhibition in May of the junior year.

1. *English Prose Style.*—A three-hour course in English composition, open to all freshmen. A study of the elements of effective prose with analysis of selected masterpieces and constant training in writing. Text-books: Newcomer's Elements of Rhetoric and Carson's English Composition. Miss Bigelow.

Three hours, both semesters.

1a. *English Composition.*—Elements and principles of effective composition in English prose. Three methods are used: (1) the analysis of several masterpieces of literature; (2) constant practice in exercises in class and outside under grammatical rules and requirements; (3) the preparation of six short themes. Text-books: Meiklejohn's Art of Writing English and Carson's English Composition. Open to all freshmen in all courses and prescribed

for those not passing the test examination in English, who do not elect 1 or 1c. Miss Bigelow. *One hour, both semesters.*

1b. *English Composition.*—The course aims: (a) to secure knowledge of the fundamental principles of composition; (b) to secure skill in the construction of sentences and paragraphs and in outlining. These subjects are reached through text-books, lectures, analysis and construction work. Six themes are required. Text-book: Scott and Denny's Paragraph Writing. Open to freshmen with special preparation. Miss Slater. *One hour, both semesters.*

1c. *English Composition.*—A two-hour course open to all freshmen; intended especially for freshmen who desire more than 1a or 1b. The first half of the year is given to the study of exposition; the last half to argument. The work is carried on through text-books, lectures, exercises, essays, and analysis of selections from master writers on science. Six themes are required. Text-books: Newcomer's Elements of Rhetoric and Tyndall's Fragments of Science. Miss Slater. *Two hours, both semesters.*

2. *Rhetoric and Criticism.*—A three-hour course open to students who have passed in a freshman course or who have attained grade A in the test examination. A good deal of written work is done to develop accuracy, originality, and creative power. The first half of the year is given to the study of style, and exercises are written giving special attention to diction, figures, and structure of sentences and paragraphs. The second half of the year is given to invention. Exercises are written illustrating the essentials of description, narration, exposition, and the different forms of argument. Text-books: Genung's The Working Principles of Rhetoric and Genung's Rhetorical Analysis. Professor Carson.

3. *Criticism, Exposition, and Argument.*—English Composition. A one-hour course open to those who have taken or are taking Course 2. This course is closely connected with Course 2, and must be taken with it unless by the consent of the instructor. Constant practice in writing consists of: (1) Exercises based on the text-book, written in the class-room and outside; and (2) the preparation of six themes accompanied by outlines. Text-book: Genung's The Working Principles of Rhetoric. Professor Carson. and Miss Slater. *One hour, both semesters.*

4. *English Composition.*—A two-hour course open to students not taking Course 2, who have passed a freshman course or the test

examination with grade A. This course will be adapted to the needs of class. Text-book: Wendell's English Composition. Miss Slater. *Two hours, both semesters.*

5. *Argument and Persuasion.*—Open to all who have passed Courses 2 and 3. This course includes: (1) A study of the principles of argumentation and persuasion, as set forth in the master arguments and orations; (2) the drawing of two briefs from masterpieces of argumentative composition and the analysis of two orations in class; (3) the construction of three arguments, one description or narration, and one paper of oratorical nature, each preceded by a brief; (4) lectures and conferences. Text-book: Baker's Specimens of argumentation. Professor Carson.

Two hours, both semesters.

(One hour in lectures, one hour in conferences and assignments.)

6. *Argumentative Composition.*—This two-hour course emphasises analysis, evidence, and the process of debate and consists of: (1) The drawing of two briefs from masterpieces of argumentative composition; (2) the study of principles and methods under analysis of questions; (3) the study of nature and kinds of evidence; (4) the production of three forensics, each preceded by a brief. Text-book: Baker's Forms of Public address; Baker's Specimens of Argumentation. Open in the first semester to juniors and seniors only except with consent of instructor. Prerequisite, Courses 2 and 3; 6 to be followed by a supplementary course 7. Professor Carson.

Two hours, first semester.

7. *Persuasion.*—This two-hour course is supplementary to 6 and includes: (1) A study of the principles of argumentation and persuasion, as set forth in master orations: (2) the analysis of two orations in class; (3) the construction of two orations or papers of oratorical nature, each preceded by a brief; (4) lectures and conferences. Text-book: Same as in Course 6. Open to all who have passed 6. Professor Carson. *Two hours, second semester.*

8. *Advanced Composition, Exposition.*—A study of the principles of exposition as found in Coleridge, Matthew Arnold, Huxley, Darwin, Bagehot; construction of practical exercises and three essays. Open to those who have passed Courses 2 and 3. Miss Slater. *Two, hours either first or second semester.*

9. *Advanced Composition.*—The Short Story. This course is open to juniors and seniors, and sophomores with the consent of

the instructor. It includes: (1) a study of narration, description, also character, plot, and dialogue, as exhibited in the short story; (2) analysis of classic prose in three forms; (3) construction of six papers illustrating these forms. Professor Carson.

Two hours, both semesters.

(one hour in lectures, one hour in conferences and assignments.)

10. *Forensics and Orations.*—Open only to seniors who have passed Course 5 or Course 6, first semester, and 7, second semester, with credit. Course 10 consists of (1) argumentative composition; (2) the analysis of master orations; (3) lectures, conferences, and criticisms of briefs, forensics, and orations; (4) the writing of two forensics and two orations, each preceded by a brief. Professor Carson. *Two hours, both semesters.*

(one hour in lectures, one hour in conferences and assignments.)

11. *Journalism.*—Development and functions of the American newspaper. Study of the methods of journalism as set forth in a few great papers of our day and country. Practice in various forms of newspaper writing. Text-book: Shuman's Practical Journalism. Prerequisite, at least Junior standing. Professor Carson.

Two hours, both semesters.

12. *English Literary Criticism.*—Lectures on the principles of criticism; a survey of literary criticism in England since the sixteenth century; special attention given to the nineteenth century, including Wordsworth, Coleridge, Hazlitt, Lamb, Arnold, Pater, Lowell. Assigned readings and reports. Professor Carson.

Two hours, both semesters.

13. *Argumentation.*—A two-hour course open to students credited in Courses 2 and 3. The course considers analysis of questions for argument, study and organization of evidence, methods of presentation. Text: Baker's revised edition The Principles of Argumentation. *Two hours, both semesters.*

AMERICAN LITERATURE

14. *Outlines of American Literature.*—This course gives an outline of American literary history and the reading and discussion of important works in prose and verse. Authors read: Franklin, Cooper, Irving, Bryant, Longfellow, Emerson, Hawthorne, Holmes, Lowell, Whittier. First semester, to about 1850. Second semester, from about 1850. Open to all who have taken or are taking Course 1 in Modern English Literature or Course 1 in Beginnings of English Literature. Miss Slater.

Two hours, both semesters.

15. *American Literature.*—A course supplementing 14; open to juniors and seniors. The environments, works and influence of a few authors are studied through lectures, reports, and reading; also the characteristic writers in the most important sections of our country. Professor Carson. *Two hours, both semesters.*

16. *American Literary Criticism.*—This course gives an outline of American literary criticism, with a brief consideration of the theories and methods of a few American critics. One hour. Not offered in 1907-08. Professor Carson.

17. *Daily Themes.*—Open to a limited number who have passed Course 5 or equivalent with credit. *One hour, both semesters.*

18. *Verse Composition.*—After a few introductory lectures on the principles of English versification, the student will begin fortnightly practice in composition, with regular appointments for consultation and criticism. The purpose of this course is partly to familiarize the student with the chief varieties of English verse and stanza (heroic verse, the sonnet, etc.), and partly to give him added command of language. Open to a limited number of students with consent of the department. Professor Carson.

One hour, both semesters.

19. *Oratorical Themes.*—Lectures on the fundamentals of oratory. Analysis of masterpieces. Preparation of original orations. Intended as a special course for students who wish to enter oratorical contests. Professor Carson. *Two hours, first semester.*

FOR GRADUATES AND ADVANCED UNDERGRADUATES

21. *Seminar in the Critical Study and Construction of the Short Story.*—The structure of the short story will be analyzed in comparison with that of the novel and the drama. Themes, motives, art in development of character, plot, and environment will be discussed. This course will require the construction of a certain number of short stories, with practice in working out details. Open to graduates, seniors, and special students in English who are properly fitted. Professor Carson. *Two hours, both semesters.*

22. *Seminar in Rhetorical Methods.*—Two-hour sessions each week. This course is intended for graduates who intend to teach

English, or for teachers of English. Prerequisites are Courses 1, 2, and 3, or equivalents. The aim of this course is two-fold: To discuss important questions in the theory of rhetoric; to outline modern methods of teaching rhetoric and English composition in schools and colleges. Primarily for graduates. Not given in 1907-08.

23. *Modern English Grammar.*—A course for teachers of English. Open to students who have taken Courses 2 and 3. Miss Slater. *Two hours, both semesters.*

24. *Seminar in Theory, History, and Practice of Criticism.*—This course will consider the critical theories of Plato, Aristotle, Horace, Boileau, Lessing, and also English masterpieces of literary and applied criticism from Sidney to Arnold. Open to graduates. Not given in 1907-08.

25. *Outline History* of the beginning of English Prose. A brief consideration of Caxton, Malory, Tyndale, and history of the English version of the Bible to 1611, with a discussion of the influence of the Bible on English prose. *One hour, both semesters.*

EQUIPMENT

This department is very well equipped in English dictionaries and special works for reference in Rhetoric, English Composition, and Criticism. It is securing a good working library in American literature. It is receiving the great newspapers of this country and a few from other countries. It has also some of the best standards in typography.

ENGLISH LANGUAGE AND EARLY ENGLISH LITERATURE

Profesor Glen

Students choosing major work in this department will usually be required to pursue the following courses in the order stated: Freshman year, Course 1; sophomore year, Courses 2, 6, and 7; junior year, Course 3; senior year, Course 4. This contemplates a minimum of twenty-two hours work for a major. Additional work will be prescribed as the needs of the individual student may demand.

1. *Beginnings of English Literature.*—The first semester will cover the field of Anglo-Saxon literary development, emphasizing the characteristics of the heathen, transitional and Christian epochs in poetry and the causes and purposes of the later period of prose.

The second semester will continue the work from the Norman Conquest to Spenser. Special mention will be made of: Results of the Norman Conquest on English literature, religious poetry, folk poetry, legend, tale, tract, early stages of drama, Chaucer and his imitators, Wyatt, Surrey, and Skelton. The work will consist of lectures, recitations and reports. The course is required before entrance upon any subsequent literary courses in this department. Regular freshman course. *Two hours, both semesters.*

2. *Chaucer.*—Biography. Textual and critical studies in the Canterbury Tales and in minor poems. Topics assigned for individual study and reports: Influences of French and Italian predecessors, sources of poems, content, and relationship. Given as sophomore work. May be taken by any who have had prerequisite Course 1. *Two hours, one semester.*

11. *Anglo-Saxon.*—Grammar and translation of select passages in prose and poetry. The relationship between Anglo-Saxon and cognate continental languages will be carefully studied and traced. A knowledge of German will be extremely helpful. *Three hours, both semesters.*

12. *Anglo-Saxon. Beowulf.*—A textual and critical study of the great epic. Theories of composition and authorship. Historical and literary value. Christian and heathen elements. *Three hours, both semesters*

13. *History of the English Language.*—A lecture course in the growth and development of the language, including discussions of the different language families, characteristics, and relationship. Consonant shifts. Teutonic group characteristics. Native and foreign linguistic elements. *Two hours, first semester.*

14. *English Phonology.*—Principles of Phonetics. Development of English vowel and consonant systems. *Two hours, second semester.*

21. *Anglo—Saxon.*—Reading from Cynewulf, signed poems and attributed poems. Alfred, Saxon Chronicles, Aelfric, alliterative and prose homilies. *Two hours, both semesters.*

22. *History of English Epic and Lyric Poetry.*—This course is intended to serve as an introduction to the field of epic and lyric poetry. With Course 23 it aims to cover the three great lines of development in English verse. *Two hours, first semester.*

23. *History of English Drama.*—This course will be introduced by a survey of the greater epochs of the drama in literary history, after which it will proceed to the discussion of the beginnings and subsequent development of the drama in English.

Two hours, second semester.

24. *Metrical Romances of Early English Literature.*—Form and contents. Early materials and significance. Origins. A graduate course. *Two hours, one semester.*

PUBLIC SPEAKING

Professor Glen

1. *Regular Freshman Course.*—Fundamentals, articulation, emphasis, inflection, and elementary work in vocalization and gesture. *One hour, both semesters.*

2. *Sophomore Orations.*—Open to all who have taken 1. A more detailed study of interpretation and expression. Advanced work in vocalization and gesture. Public work.

One hour, both semesters.

3. Introduction to the study of oratorical forms and delivery, characteristics of oratorical style. Divisions of oratorical style, methods of cultivation of best style. What to avoid in oratory. Continuation of work in vocalization. Public junior orations.

One hour, both semesters.

4. *Famous Orations and Orators.*—Private rehearsals. Class drill. Competition for Failing and Beekman prizes. First semester, American orators. Second semester, British orators.

One hour, both semesters.

EQUIPMENT

The library facilities for study in this department have been sufficient thus far for the general needs of the work. A select collection of complete editions by the best known and most scholarly editors of English literary productions is being secured. The library is quite full of material for the study of old lyrics, and a beginning has been made in collecting material for the study of courses, such as "Morte D'Arthur," "Orlando Furioso," "Amadis de Gaul." The literature of criticism and philology is represented by such names as Ten Brink, Brook, Gosse, Earle, Sweet, Skeat, Whitney, Bright, Bosworth-Toller, Kluge, Cook, Emerson, and Mayhew. A nearly

complete set of the publications of the Scottish Text Society and a complete set of Early English Text Society publications have been added recently.

ENGLISH LITERATURE

Professor Howe

Miss Carroll (1906-07)

More courses are given in the department than any one student is permitted to take, and opportunity is offered to map out work in more than one field. All students wishing to make English Literature a major are therefore requested to consult the head of the department.

1. *Outlines of Modern English Literature.*—From Edmund Spenser to the present. A laboratory course, in which the student will read the literature, instead of reading about it. The aim is to lead the student, as far as possible, to gain his knowledge of each epoch from his own reading of selected works of representative authors. This work is supplemented by lectures and interpretative readings. Professor Howe. *Three hours, both semesters.*

2. *Wordsworth.*—A study of the best known poems of the author, in such order as to illustrate the power, scope,and characteristic beauty of the author. Professor Howe.

Two hours, first semester.

3. *William Morris.*—A study of the life and writings, both prose and verse, sufficient to give the student a fair comprehension of the meaning and importance of Morris. Professor Howe.

Two hours, second semester.

(Courses 2 and 3 are given in natural sequence, but may be taken separately. They are open to freshmen, and required in sophomore year of such students taking a major in the department as did not take them in freshman year.)

4. *Shelley.*—A study of the more important works in their order as written, and elucidated by some study of Shelley's life, illustrative of his system of thought, and significance in the literature. Professor Howe. *Three hours, first semester.*

5. *Browning.*—A study of the Ring and the Book, followed by systematic examination of a number of the important short poems. The aim is first, to give the student facility in reading Browning

understandingly, and secondly, to acquaint him with the range of the author's thought and sympathies. Miss Carroll.

Three hours, second semester.

(Courses 4 and 5 will be taken in sophomore year by students with a major in the department. In conjunction with Courses 2 and 3 they lay a solid basis of knowledge prerequisite to Courses 6 and 7, which may be taken at any time after completing the four courses last preceding, but are properly senior courses.)

6. *The Georgian Poets.*—Wordsworth, Coleridge, Southey, Scott, Byron, Shelley, Keats, Hunt, Hood, Landor. Miss Carroll.

Three hours, first semester.

7. *The Victorian Poets.*—Browning, Barrett-Browning, Tennyson, Rossetti, William Morris, Swinburne, Matthew Arnold, De Vere. Professor Howe. *Three hours, second semester.*

8. *Edmund Spenser.*—A study of the Shepherd's Calendar and the later books of the Faerie Queen. Professor Howe.

Two hours, first semester.

9. *Milton.*—Paradise Lost entire, Paradise Regained, and Samson Agonistes. Profesor Howe. *Two hours, second semester.*

10. *Shakespeare.*—The comedies and historical plays, with an examination of the critical literature which has gathered around them. Professor Howe. *Three hours, first semester.*

11. *Shakespeare.*—The tragedies, and the critical literature upon them. Professor Howe. *Three hours, second semester.*

12. *The Contemporaries of Shakespeare.*—The important Elizabethan and Jacobean dramatists. Professor Howe.

Two hours, both semesters.

13. *English Prose Writers,* (not novelists), of the nineteenth century. Ruskin will be read in class, with Matthew Arnold, Newman, etc., as collateral reading. Profesor Howe.

Three hours, first semester.

14. *English Prose Writers,* (not novelists), of the nineteenth century. Carlyle will furnish the class text, but De Quincey, Macaulay, and Landor will also be studied. Professor Howe.

Three hours, second semester.

(Courses 13 and 14 should be taken consecutively, but may in exceptional cases, be taken separately.)

15. *English Prose Writers of the Eighteenth Century.*—Gibbon, Burke, Samuel Johnson, Boswell, Hume, Smollett, Goldsmith, Fielding. Professor Howe.

Two hours, both semesters.

16. a. *The English Novel.*—Its evolution and scope, from the Morte D'Arthur to the present, including a study (a) of the Elizabethan novelists Greene, Lodge, Nash, etc.; (b) of the Augustan novelists, Richardson, Fielding, etc.; (c) of the Georgian novelists, Scott, Jane Austen, the Tale of Terror, etc.; and (d) of the Victorian novelists, Dickens, Thackeray, etc. A lecture course, with collateral reading and papers by the class. Professor Howe.

Three hours, both semesters.

b. *The English Novel in the Nineteenth Century.*—Typical works of Jane Austen, Scott, Dickens, Thackeray, Meredith, and Thomas Hardy are read in class, and an equal amount of outside reading assigned for report and examination. The course is accompanied by expository lectures. Miss Carroll.

Three hours, both semesters.

c. *Social Problems in the English Novel.*—The attempt to make the novel a social force. Dickens, Charles Reade, Charles Kingsley, Macdonald, and other nineteenth century writers will be considered, also existing tendencies in the work or George Moore, Bernard Shaw, Mrs. Humphrey Ward, H. G. Wells, etc. Professor Howe.

Three hours, both semesters.

(The three courses numbered 16 will be given in successive years. For 1907-08 the course will be 16c.)

17. *Living English Writers.*—The Poets. Swinburne, Meredith, Watson, Yeats, Stephen Phillips, Davidson, and others will be read rather fully, with—as most of them are dramatists—a preliminary survey of the drama of the last eighty years, as written by Lytton, Reade, Robertson, and others. Professor Howe.

Two hours, first semester.

18. *Living English Writers.*—Prose. The essay, drama, and novel will be examined, in an endeavor to ascertain the main currents in the literature of today. Professor Howe.

Two hours, second semester.

19. *The Relation of English to Contemporary European Literature,* during the last twenty-five years. The Drama. The relation of Ibsen, Maeterlinck, and others to Shaw, Jones, Pinero, and other English dramatists of today. Professor Howe.
Two hours, first semester.

20. *The Relation of English to Contemporary European Literature,* during the last twenty-five years. The Novel. The Russian school, Tolstoi, Turgeniev, Dostoievsky, and their influence upon English writers. The meaning and influence of the French school. Professor Howe. *Two hours, second semester.*

21. *The Teaching of English Literature.*—Lectures. Required of all seniors taking a major in English Literature. Professor Howe. *One hour, first semester.*

22. *Seminar in English Literature.*—The course is preparatory to the writing of the thesis, and is required of all seniors and graduates taking a major in English Literature. Professor Howe.
Two hours, both semesters.

GEOLOGY

Assistant Professor Terrill

1. *Introduction to Geology.*—A lecture course dealing with the geological processes and their results. *Three hours, first semester.*

2. *Economic Geology.*—An introduction to the nature, occurrence, and economic uses of mineral substances or commercial value. Must be preceded by Course 1. *Three hours, second semester*

3. *Mineralogy.*—(See Mining.)

4. *Petrology.*—(See Mining.)

5. *Field Work.*—Study of the areal and structural geology of a portion of the region adjacent to the University. The results of this study to be recorded on topographic maps and diagrammatic cross sections prepared by the students. Must be preceded by Courses 1, 3 and 4, and Civil Engineering B 1 and 2. *Hours to be arranged.*

EQUIPMENT

In the Department of Geology the University of Oregon has a fine collection of illustrative material. This is contained in two cabinets. One of rock and minerals, part of which was presented to the University by the United States Geological Survey; the other part being rocks and minerals of Professor Condon's collection.

The other cabinet is especially rich in fossil remains and represents the fruits of over forty years of continued research in the mountains of Oregon for minerals to illustrate their history. These are therefore, strictly characteristic of Oregon's own geological record.

These minerals more than fill twenty large glass cases, whose under spaces are crowded with over two hundred drawers also filled with illustrative geological materials, arranged to accommodate the classes of the geological department. This undisplayed material would fill thirty or forty cases, and require a much larger museum room.

GERMANIC LANGUAGES AND LITERATURES

Professor Schmidt

The aim of the instruction in the department is primarily to enable students to use modern German with facility in reading, writing, and, as far as practicable, in speaking, and to acquaint them with the masterpieces in German literature.

Opportunity is also given for graduate courses in Germanic languages. These are intended especially for students who desire to make the teaching of these languages their profession, or who expect to take an advanced degree in them. Careful attention is given to the linguistic as well as to the literary training of the student, aiming at a comprehensive insight into the historical growth of the Germanic languages and literatures.

Any of the following courses, German 1 to 12, are open to freshmen who have had the prerequisite courses.

GERMAN LANGUAGE AND LITERATURE

1. *Elmentary German.*—The elementary course comprises: Joynes-Meissner's German Grammar; German Composition; Translation of Easy Prose and Poetry. Special attention is paid to systematic training in pronunciation. The reading of about one hundred pages of graduated texts from a reader is required. Huss's German Reader is used. In addition to this two or three of the following selections will be read: Storm's Immensee; Heyse's L'Arrabbiatta; Volkman's Kleine Geschichten; Maerchen und Erzaehlungen; Seidel's Maerchen; Zschokke's Der Zerbrochene Krug.
Five hours, both semesters.

2. *Advanced German.*—During the second year the work com-

prises advanced German Grammar and Composition, Syntax. German conversation (based upon Vos's Material or some other method) throughout the year. Material to be read is selected from the following list: Heyse's Das Maedchen von Treppi; Baumbach's Die Nonna; Wildenbruch's Das edle Blut; Hillern's Hoeher als die Kirche; Seidel's Leberecht Huehnchen; Hauff's Das Kalte Herz; Leander's Traeumereien; Freitag's Die Journalisten; Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell; Goethe's Hermann und Dorothea. The class is expected to read two or three stories and two or three plays during the year. *Four hours, both semesters.*

3. *Classical Drama.*—(a) Goethe's Egmont; Torquato Tasso; Iphigenie auf Tauris; (b) Schiller's Maria Stuart; Jungfrau von Orleans; Wallenstein; (c) Lessing's Minna von Barnhelm; Emilia Galotti; Nathan der Weise; (d) Grillparzer's Sappho; (e) Kleist's Prinz Friedrich von Homburg. Writing of esays in German. Practice in writing German is afforded by means of dictation or similar exercises. *Three hours, both semesters.*

4. *German Fiction and Contemporary Literature.*—During the year some of the following works will be read: Ebner-Eschenbach's Die Freiherren von Gemperlein; Keller's Dietegen; or Kleider Machen Leute; Riehl's Novellen, for example, Burg Neideck, Der Fluch der Schoenheit; Der Stumme Ratsherr, Das Spielmannskind; Scheffel's Ekkehard; Wildenbruch's Der Letzte; Dahn's Sigwalt und Sigridh, Meyer's Gustav Adolph's Page; Sudermann's Der Katzensteg; and Auerbach's Brigitta, Frenssen's Joern Uhl, etc. *Three hours, both semesters.*

5. *Modern German Drama.*—The following dramas will be read: Wildenbruch's Harold, Hauptmann's Die Versunkene Glocke, Sudermann's Johannes, Fulda's Der Talisman, etc. *Three hours, both semesters.*

6. *German Poetry.*—Goethe's Poems; Schiller's Ballads; Uhland's Poems; White's Heine's Poems; Klenze's Deutsche Gedichte; Hatfield's German Lyrics and Ballads, or Kluge's Auswahl Deutscher Gedichte, will be used as text-book. *One hour, both semesters.*

7. *Goethe's Faust.*—Part I, with commentary. *Two hours, one semester.*

8. *Heine's Prose.*—Die Harzreise; Die Romantische Schule and other selections will be read. *Two hours, one semester.*

9. *Historical German.*—This course consists of the rapid translation of modern historical and economic German. It is especially designed for those students who wish to acquire a sufficient knowledge of the language to enable them to read German books on history, philosophy, etc. The matter to be read is selected from such works as Riehl's Kulturgeschichtliche Novellen; von Sybel's Kleine Historiche Schriften; Freytag's Bilder aus der Deutschen Vergangenheit; Seiler, Die Heimat der Indogermanen, Schiller's Geschichte des dreissigjaehrigen Krieges, etc. *Two hours, one semester.*

10. *Scientific German.*—This course is recommended to students who are taking or who plan to take special courses in Natural Science or in Medicine. Gore's or Dippold's German Science Reader is used as an introduction, and is followed by monographs on various subjects, and in order to give the student as large a vocabulary as possible. Among the books to be read are:Lassar-Cohn's Die Chemie im taeglichen Leben; Brewer's Naturlehre; Mueller's die Electrischen Maschinen;Helmholtz's Ueber Goethe's Naturwissenschaftliche Arbeiten. No student is advised to take this course who has not had at least two years of thorough preparation in literary German. *Two hours, one semester.*

11. *Advanced German Composition.*—C. A. Buchheim. Materials for Prose Composition, Parts I and II. *One hour, both semesters.*

12. *German Conversation.*—Only open to students who have had Courses 1 and 2. *Two hours, both semesters.*

13. *General History of German Literature.*—Bernhardt's or Karsten's Deutsche Litteraturegeschichte is used as a text-book. A limited number of lectures are given. *One hour, both semesters.*

14. *German Culture and Civilization.*—A course of illustrated lectures. Open to all students. *One hour, both semesters.*

FOR GRADUATES AND ADVANCED UNDERGRADUATES

In so far as the demand will justify the formation of classes, the department will offer the following courses:

15. *Middle High German.*—Michels, Mittelhochdeutsche Grammatik, 1900; Henrici, Proben der Dichtungen des Mittelalters, Berlin, 1898; Selections from Nibelungenlied; Walther von der

Vogelweide; Parzival; Lexer; Mittelhochdeutsches Taschen-Woerterbuch.

16. *Old High German.*—Braune's Althochdeutsche Grammatik, and the same author's Althochdeutsches Lesebuch (4th Edition); Muellenhoff and Scherer's Denkmaeler Deutscher Poesie und Prosa (3rd Edition); Behaghel's Historical Grammar of the German Language.

17. *Gothic and the Elements of Comparative German Grammar.*—Braune, Gotische Grammatik, 4. Auflage, Halle, 1895; Heyne's Ulfilas, 9. Auflage, von F. Wrede, Paderborn, 1896; Streitberg's Urgermanische Grammatik. This course is required for advanced degrees in English Philology.

18. *Norwegian or Swedish.*—Grammar and Reading. Representative authors.

19. *History of German Literature to the Nineteenth Century.*—With special study of the classic periods of the twelfth and eighteenth centuries. Scherer's Geschichte der deutschen Literatur; Franke's Social Forces in German Literature are used as text-books. Papers on assigned topics will be required.

20. *Physiological Phonetics.*—The sounds of English, German and French. Grandgent, German, and English sounds (Boston, Ginn & Co., 1892); Ripmann's adaptation of Vietor's Kleine Phonetik (London, J. M. Dent & Co., 1899); Sweet, A Primer of Phonetics (Oxford, Clarendon Press, 1890); Lectures. Each student will make a special study of his English vowels,

Two hours, both semesters.

GREEK LANGUAGE AND LITERATURE

Professor Straub

Inasmuch as Greek is not yet taught in the high schools of this state, the University will offer first and second year Greek, which may count as college credits toward graduation.

Students who have had two or three years of Greek may enter the second semester of the third or fourth year respectively. Students may also enter 8b and 9b the second semester.

1. *Elementary Greek.*—Gleason and Atherton's First Greek Book. *Five hours, first semester.*

2. *Xenophon's Anabasis.*—(Harper and Wallace) Book 1; Goodwin's Greek Grammar. *Five hours, second semester.*

The aim of the first year is quality, not quantity. For this reason, the drill in Greek inflections and the common constructions is made as thorough as possible. In addition, every effort is made to increase the student's vocabulary. The "Word List" in Harper and Wallace's Anabasis is an excellent help in this direction.

3a. *Anabasis,* continued.—Books II, III, and IV. Greek Grammar reviewed. Critical study of Greek prepositions. Daily translations from English to Greek. Text-books, in addition to those used in Course 2: Pearson's Greek Prose Composition, and Adam's Greek Prepositions. *Four hours, second semester.*

3b. *Homer's Iliad.*—(Seymour) Books I to IV. Homeric language and verse (Seymour). Jebb's Homer. Study of "The Homeric Palace" (Isham). Daily exercises in Greek prose continued. Special attention will be given to Homeric forms. The customs of the Homeric Greeks will be carefully studied.

Four hours, second semester.

4a. *Hellenistic Greek.*—One or two of the Gospels will be studied, and the general principles of Hellenistic Greek noted.

Four hours, first semester.

4b. *Hellenistic Greek Continued.*—Selected portions of the New Testament. Selections from Septuagint will also be offered.

Four hours, both semesters.

Courses 4a and 4b are intended chiefly for students who expect to prepare for the ministry, and are elective to other Greek students. Prerequisites: Courses 1 to 3b inclusive. Text-books: Wescott and Hort's New Greek Testament recommended. Conybeare and Stock's Selections from the Septuagint (Ginn & Co).

5a. *Xenophon's Memorabilia.*—Demosthenes' Philippics. (Students will be required to read up the appropriate portions of the history of Greece, in order to study the above in their proper setting.) *Four hours, first semester.*

5b. *Lysias' Orations.*—(Morgan's or Adam's.) Selections from Herodotus. Advanced Greek prose composition. Study of Sanford's Three Thousand Classic Greek Word list.

Four hours, second semester.

6a. *Selections from the plays of Euripides.*—Study of the Altic Theater (Haigh). *Three hours, first semester.*

6b. *Plato's Apology and Crito.*—(Kitchel or Dyer.) Croiset's Greek Literature. *Three hours, second semester.*

6c. *Selections from the Comedies of Aristophanes.*—Study of the influence of comedy on Greek thought and temperament. *Three hours, first semester.*

7b. *Demosthenes' De Corona.*—(Goodwin.) Also suitable extracts from Aeschines' "Against Ctesephon." Study of Bredif's Life of Demosthenes. *Three hours, second semester.*

GREEK-ENGLISH COURSE

No Greek required. Open to all students.

The following four courses are offered to students who have unfortunately not taken Greek. They will give a fairly good insight into the religion, habits, and life of that wonderful people, whose institutions and civilization still make themselves felt at the present time, and whose influence still prevails strongly in modern thought.

8a. *Greek Mythology.*—Text-book: Guerber. Collateral reading: Bullfinche's Age of Fable. Informal talks. *One hour, first semester.*

8b. *History of Greek Art.*—(Tarbell.) Greek Sculpture (Gardner.) *One hour, second semester.*

9a. *History of Greek Literature.*—(Heffelbower's Croiset.) Homeric Society (Keller). *One or two hours, first semester.*

9b. *The Life of the Ancient Greeks.*—(Gulick.) The Ancient City (Coulauges). The Attic Theater (Haigh). *One or two hours, second semester.*

FOR GRADUATES AND ADVANCED UNDERGRADUATES

10. *Modern Greek.* *Three hours, first semester.*

11. *Modern Greek Literature,* studied and compared with classic Greek. *Three hours, second semester.*

12a. *Pindar's Odes and Fragments.*—Thucidides, Books IV to VI. *Two hours, first semester.*

12b. *Selections from Aristotle.* *Two hours, first semester.*

13. *Homer's Iliad.*—Books VI to XXIV, read with a view to the study of the civilization and customs of the Homeric Tribes. *One hour, both semesters.*

14a. *Greek Epigraphy.*—Text-book: Roberts'. *One hour, first semester.*

14b. *Greek Inscriptions.*—Text-books: Hick's Manual of Greek Historical inscriptions. *One hour, second semester.*

HISTORY

Professor Schafer

For the benefit of those contemplating the election of work in this department, it is suggested that the order in which history courses should be studied will usually be the order followed below, so far as the introductory courses are concerned. But there may be exceptions, based on the amount and character of previous work, special adaptability, and questions of correlation with other subjects.

Students entering at the mid-year may be allowed to take up those courses for which their preparation most nearly fits them. All courses in this department are semester courses.

INTRODUCTORY COURSES

1. *History of England.*—A general course covering leading phases of English History. Lectures, reports, and assigned readings. Open to all freshmen. *Three hours, both semesters.*

2. *Greek and Roman History.*—A general course calling for extended reading both in classical sources and in the best secondary authorities. Special stress is laid on Greek civilization. *Three hours, both semesters.*

3. *Mediaeval History.*—A study of the principal historical movements of Europe from the decline of the Roman Empire to the Renaissance. Open to students who have taken the equivalent of 1 or 2. *Three hours, both semesters.*

4. *Modern History.*—The development of Europe from the Renaissance to the close of the Nineteenth Century. Open to students who have taken 3 or an equivalent. *Three hours, both semesters.*

5. *Historiography.*—A course intended to familiarize the student with the world's great writers of history, their works, and the

methods they employed in producing them; also to impart, as concretely as possible, the leading principles of research and criticism. A brief thesis, prepared according to approved methods, is required as a condition of completing the course. Open to students who have had one University course. *Two hours, both semesters.*

6. *Early American History.*—A general course covering the history of the Colonies, the Revolutionary War, and the adoption of the Constitution. Open to students who have had Course 1 or an equivalent. *Three hours, both semesters.*

7. *Later American History.*—A general course covering the history of the United States from 1789 to the close of the reconstruction period. The emphasis will be placed on political history. *Three hours, both semesters.*

8. *Continental Europe, 375-1870.*—A general survey, with emphasis on principles and movements rather than details, designed to explain the evolution of modern Europe. Open to students who have had one University course. *Two hours, both semesters.*

ADVANCED COURSES

(One, two, or three of these will be given in 1907-08.)

9. *Constitutional History of England.*—A study of the more important phases of English constitutional development, with some attention to the working of the present constitution. Open to students who have had Course 1, and the equivalent of Courses 3 and 4. *Three hours, both semesters.*

10. *Nineteenth Century History.*—A study of the most significant movements of the world's history from the close of the French Revolution to the end of the nineteenth century. Prerequisites, Courses 1, 3, and 4, or equivalents. *Three hours, both semesters.*

11. *The Westward Movement.*—A study of American expansion, with especial reference to the new state system, and the building up of the states of the Old Northwest. The emphasis will be upon institutions, and the seminary methods will be employed as far as practicable. Prerequisites, three courses including 1 and 6. *Three hours, both semesters.*

12. *Pacific Slope History.*—A study of the exploration and colonization of what is now the American portion of the Pacific Coast, together with the evolution of the Pacific states. Some attention will be given to American relations with other powers on the Pacific, both occidental and oriental, especially Japan and China. Open to all students of proper maturity and training. *Three hours, both semesters.*

EQUIPMENT

The equipment in History is already considerable, and is being added to as rapidly as means will permit. The library contains many of the standard general histories and histories of special periods. In the way of primary sources the University is especially favored in having at hand a considerable part of the documents and manuscripts of the Oregon Historical Society, which form an exceedingly valuable body of materials for research work in history. This material is being used by our advanced students in the production of monographs on various subjects in Oregon history.

The library is also adding to its stock of historical sources. especially in the line of later English and American history. It now possesses the colonial records and archives of several of the original states, and a reasonably complete collection of materials on the Old Northwestern states. These include the historical society publications of Ohio, Indiana, Illinois, Michigan and Wisconsin, and a large part of the state documents of the same states. Efforts are now being made to complete our files of the publications of the Pacific coast states, of which a large part is already at hand.

LATIN LANGUAGE AND LITERATURE

Professor Dunn

COURSES PRIMARILY FOR UNDERGRADUATES

(Courses 1 and 2 are designed for students who offer at entrance two and three years of Latin respectively. They are therefore essentially preliminary to Courses 11-18, which are based upon titles more generally recognized as College Latin.)

1. *Sallust's Catilina.*—Selected Orations of Cicero. *Four hours, both semesters.*

This course may be termed Third-year Latin, pre-supposing two years of previous study in the language. The Catilina of Sallust begins the year as a connecting link between Caesar of the second year and the later study of Cicero. Three-fourths of the

year's work is given to Cicero's Orations,—the seven to be read in 1907-08 comprising the three Orationes Caesarianae and four of the Philippics.

Text-books: Nall's Catilina of Sallust (Macmillan); Fausset's Cicero's Pro Marcello, Pro Ligario, Pro Deiotaro, and King's Philippic Orations I-III, V, VII (both volumes in the Clarendon Press Series).

2. *Ovid's Metamorphoses,* Books I and VIII; Vergil's Aeneid, Books VII-XII. *Four hours, both semesters.*

Course 2 is designed to constitute Fourth-year Latin, to which the equivalent of three years' work or graduation from Course 1 is required for registration. Selections from Ovid's Metamorphoses, about fifteen hundred lines in all, will be studied until the Christmas holidays, when the last six books of Vergil's Aeneid will form the basis of work for the remainder of the year.

Course 2 or entrance credits in its equivalent are necessary to admission to Course 11 and those that follow.

Text-books: Dowdall's Book I of Ovid's Metamorphoses and Summers' edition of Book VIII (both in the Pitt Press series); Page's Vergil's Aeneid, Books VII-XII (Macmillan).

(Courses 11-18, as tabulated below, are contemplated to form a series, covering the four years of the ordinary collegiate course. They are designed to be taken in succession of pairs, Course 11 in the first semester of the freshman year, to be succeeded by Course 12 in the second semester, 13 and 14 in corresponding semesters of the sophomore year, and so on throughout the four years. Though an absolute rigidity in succession is not insisted upon, these eight courses are projected upon the pre-supposition of a regular gradation in treatment and subject, embracing the authors almost universally read in college. Courses 11-14 are especially framed to cover as wide a variety of authors and subject matter as possible. The avowed aim is purely extensive rather than intensive. Course 15 and those following are on the contrary more exhaustive and embody more systematic studies of special periods or authors. On the whole, the student will find it advantageous, though not essential, to follow out the series.)

11. *Cicero's De Senectute;* Vergil's Eclogues; the Trinummus of Plautus; Selections from Catullus. *Three hours, first semester.*

Course 11 properly begins the usual college course in Latin and is open to students who present four years of Latin at entrance or have passed in Course 2. A large portion of the authors read will be covered in sight-reading.

Text-books: Reid's Cicero's De Senectute (Pitt Press); Jerram's Vergil's Eclogues (Clarendon Press); Gray's Trinummus of Plautus (Pitt Press); Wratislaw and Sutton's Selections from Catullus, Tibullus, and Propertius (Bell).

12. *Selections from Horace's Odes and Epodes;* ..Sallust's Jugurtha; Selections from Tibullus, Propertius, and Phaedrus. *Three hours, second semester.*

With the Lyrics of Horace, the Elegies of Tibullus and Propertius, and the Fables of Phaedrus, the latter mainly at sight, Course 12 covers a wide range in Latin poetry, relieved and supplemented by Sallust's prose monograph on the Jugurthine War.

Text-books: Wickham's Odes and Epodes of Horace (Clarendon Press); Summers' Jugurtha of Sallust (Pitt Press); Wratislaw and Sutton's Selections from Catullus, Tibullus, and Propertius (Bell); Chambers' Phaedrus (Bell).

13. *Selections from Horace's Satires and Epistles;* Livy, Book 1; Ovid's Tristia, Book 1. *Three hours, first semester.*

Course 13 affords an opportunity for students who have already had Course 12 to continue the study of Horace, viewing him in quite a different field. The work of the course is divided between Horace and the study of Roman republican history from Livy. The instructor reserves some latitude of choice in the latter author, selecting Book 1 for 1907-08. Occasional passages will be cited from Ovid's Tristia.

Text-books: Gow's Horace's Satires, Book I, and Shuckburgh's Horace's Epistles, Book I (both in the Pitt Press Series); Edwards' Livy, Book I (Pitt Press); Owen's Ovid's Tristia, Book I (Clarendon Press).

14. *Terence's Andria;* Tacitus' Agricola; Pliny's Letters, Book VI; Selections from Martial's Epigrams. *Three hours, second semester.*

Two extremes of Latinity are here studied side by side,—a play of the Ante-Classical Terence and selected readings from three masters of the Silver Age of Latin.

Text-books: Church and Brodribb's Agricola (Macmillan);

Duff's Pliny's Letters, Book VI (Pitt Press); Westcott's Selected Epigrams of Martial (Allyn and Bacon); Wagner's Andria of Terence (Bell).

15. *Cicero's Letters.*— *Two hours, first semester.*

This course will be based upon the text of Cicero's Letters as a point of departure for the discussion of Roman political life and the investigation of Roman history at first hand.

Text-books: Tyrrell's Select Letters of Cicero (Macmillan); Pretor's Cicero ad Atticum, Book I (Bell); and the same editor's volume of Book II of the Letters to Atticus (Pitt Press).

16. *The Reigns of Claudius and Nero.*— *Two hours, second semester.*

Course 16 is a theme in research for the student, who will use Suetonius' Lives of the two Emperors as a foundation for their investigation.

Text-book: Pike's Selected Lives of Suetonius (Allyn and Bacon).

17. *Roman Literary Criticism.*— *Two hours, first semester.*

This course provides a rapid comparison of four of the great classic treatises on literary criticism,—Cicero's Brutus, Horace's De Arte Poetica, Quintilian's Book X of the Institutiones, and Tacitus' Dialogus.

Text-books: Kellogg's Cicero's Brutus (Ginn); Dalton's Select Epodes and Ars Poetica of Horace (Macmillan); Peterson's Quintilian, Book X (Clarendon Press); Bennett's Dialogus of Tacitus (Ginn).

18. *Roman Philosophy.*— *Two hours, second semester.*

Lectures covering the chief systems of doctrine prevailing among the Romans of the Classic Period will alternate with readings from Cicero's Tusculan Disputations and the best portions of Lucretius.

Text-books: Rockwood's Cicero's Tusculan Disputations, Book I, and Dream of Scipio (Ginn); Kelsey's Lucretius (Allyn and Bacon).

COURSES PRIMARILY FOR GRADUATES

The courses following herewith are designed for advanced students, but are open to undergraduates who, after due conference with the instructor, can give evidence of their fitness to satisfy the requirements of the courses. These courses are given usually in alternate years, as specified below in the descriptive paragraphs.

21. *History of Latin Literature.*—Part I (Poetry). Lectures and reading. *Three hours, both semesters.*

To be omitted in 1907-08; offered in 1908-09.

22. *History of Latin Literature.*—Part II (Prose). Lectures and reading. *Three hours, both semesters.*

Courses 21 and 22 are given in alternate years, comprising lectures continued throughout the year, in which the entire field of Latin literature is viewed in chronological series from the two several standpoints of poetry and prose. Illustrative selections from the authors will either be read and discussed in the classroom, or assigned for private reading, reports of which will be required at stated intervals.

Text-books: Students will be constantly referred to the classical texts in the college library. Inadequate, but yet the most available hand books of selections are the following: Smith's Latin Selections, revised by Clement (Allyn and Bacon); Gudeman's Latin Literature of the Empire, two volumes, Poetry and Prose (American Book Co.); Merry's Fragments of Roman Poetry (Oxford University Press); Thackeray's Anthologia Latina (Bell & Son); Baehren's Fragmenta Poetarum Romanorum (Teubner).

23. *The Roman Theater.*—Terence (three selected Comedies). Fragments of lost authors. Lectures. *Two hours, first semester.*

24. *The Roman Theater.*—Plautus (Three selected Comedies). Seneca (Three selected Tragedies). Lectures. *Two hours, second semester.*

Courses 23 and 24 are designed to be taken in succession, occupying the first and second semesters, respectively. Lectures supplemented by the discussion of fragments from lost plays and the reading of three selected plays from each of three playwrights, whose works have come down to us in any entirety, will give a general conspectus of the range of Latin scenic literature. The plays of Plautus and Terence selected will not include any of those usually read in Courses 11 and 14. With this exception, the choice of plays to be read from the three authors may vary from year to year. In 1907-08 the plays selected will be the Adelphoe, Hautontimorumenos, and Phormio of Terrence; the Miles Gloriosus, Mos-

tellaria, and Pseudolus of Plautus; the Oedipeus, Troades, and Octavia of Seneca.

Text-books: Dziatko's P. Terenti Afri Comoediae (Tauchnitz), or the following annotated editions: Wagner's Hautontimorumenos, Adelphoe, and Phormio (Bell); Goetz and Schoell's T. Macci Plauti Comoediae Fasciculi IV-VI (Teubner), or the following annotated editors: Tyrrell's Miles Gloriosus (Macmillan's Classical Series); Fay's Mostellaria (Allyn and Bacon); Morris's Pseudolus (Allyn and Bacon); Peiper and Richter's L. Annaei Senecae Tragoedia (Tauchnitz).

25. *Roman Satire.*—Lectures with the study of fragments and Horace's Satires. *Two hours, first semester.*

26. *Roman Satire.*—Persius and Juvenal. Lectures. *Two hours, second semester.*

Courses 25 and 26 to be omitted in 1907-08; offered in 1908-09.

In these courses Roman satire will be discussed in lectures covering the history and development of that department of Latin literature, and the lives of its writers, illustrated by the reading of the fragments, such as those of Ennius, Lucilius, and Varro, and selected satires of Horace, by way of comparison, ending with the Apokolocyntosis of Seneca. The second semester will have for its special consideration the works of Juvenal and Persius, with more special reference to the second period of Juvenal's literary career.

Text-books: Merrill's Fragments of Roman Satire (American Book Co.); Wickham's Horace's Satires (Clarendon Press); Pretor's A. Persii Flacci Satirarum Libri (Rivington); Pearson and Strong's Juvenal (Clarendon Press).

27. *Ovid.*—The Fasti, Roman Religion, and Religious Archaeology of Rome. *Two hours, first semester.*

28. *Ovid.*—The Metamorphoses and Classic Mythology. *Two hours, second semester.*

Ovid's works present a rich field for research in many affiliated branches of classical science. Course 27 in the first semester makes the Fasti the basis of lectures and reading in Roman religion and the temple-archaeology of Rome. The six books of the Fasti will be read, with the Roman calendar and the map of Rome in constant attendance.

In the second semester, Course 28, comprises a research into Greek and Roman Mythology, with the Metamorphoses as a background.

Text-books: Paley's Six Books of the Fasti (Bell's Grammar School Classics); Riese's P. Ovidii Nasonis Carmina, Vol. II (Tauchnitz), containing the Metamorphoses, or scattering annotated editions of select books, such as Simmons' Books I-III (Macmillan's Classical Series); Summers' Book VIII (Pitt Press Series); Book IX (University Tutorial Series); Simmons' Books XIII and XIV (Macmillan's Classical Series).

29. *Epistolary Latin.*—Select Epistles of Cicero and Seneca. *Two hours, first semester.*

30. *Epistolary Latin.*—Select Epistles of Pliny and Fronto. *Two hours, second semester.*

(Courses 29 and 30 to be omitted in 1907-08; to be offered in 1908-09).

The four great "letter writers" will be considered in comparison in these two courses, so divided that either semester may be elected to the exclusion of the other. Definite portions of the text will be selected, excluding such portions as may have deen read in Courses 14 or 15.

Text-books: Prichard and Bernard's Selected letters of Cicero (Oxford University Press); Haase's L. Annaei Senecae Opera, Vol. III (Teubner); Cowan's Pliny's Letters, Books I and II (Macmillan's Classical Series); Naber's Frontonis Epistulae (Teubner).

31. *The Corpus Caesarianum.*—The Gallic War. Lectures and reading. *Two hours, first semester.*

32. *The Corpus Caesarianum.*—The Civil War and Libri Incertorum Auctorum. Lectures and reading. *Two hours, second semester.*

Courses 31 and 32, though covering distinct epochs in the Corpus passing under Cæsar's name, are invaluable as a unit to teachers of Latin. Not merely Caesar's text, but all the so-called "helps" that have accrued about Cæsar, will be discussed and illustrated in lectures. Themes for special investigation will be suggested and theses required occasionally.

Text-books: Bond and Walpole's Gallic War (Macmillan's Classical Texts); Perrin's Civil War (University Publishing Co.); Du Pontet's Text in two volumes in the Oxford Classical Texts.

33. *The Works of Vergil.*—The Cxarmina Minora. Lectures and reading. *Two hours, first semester.*

34. *The Works of Vergil.*—The Aeneid. Lectures and reading. *Two hours, second semester.*

Courses 33 and 34 to be omitted in 1907-08; to be offered in 1908-09.

These two courses are designed for the aid of teachers and for those who wish to study the complete works of Vergil, so arranged however as to permit either semester to be elected independently of the other. The Eclogues, Georgics, and Carmina Incerta will be studied in Course 33, while the Aeneid will constitute the basis of work in the second half year.

Text-books: Page's Works of Vergil in three volumes (Macmillan's Classical Series); Baehren's Poetae Latini Minores, Vol. II (Teubner), containing the Carmina Incerta.

35. *Topography of Rome.*—Lectures and investigation. *Two hours, both semesters.*

Lectures, assisted by maps, pictures, and other available material, will illustrate in chronological order the monumental growth of Rome from prehistoric times to the fall of the Western Empire. Theses on suggested topics will be required at stated intervals.

36. *The Reign of Trajan.*— *Two hours, first semester.*

Trajan's reign will be studied from every possible standpoint,—from Pliny's Letters, from inscriptions and from monumental remains.

Text-book: Keil's Edition of Pliny in the Teubner Series; Hardy's Book X of Pliny's Letters (Macmillan).

37. *Latin Composition.*— *One hour, both semesters.*

Course 37 provides advanced composition drill, particularly for those who have had four years of Latin. Sustained narrative and occasional unseen passages from the basis of translation.

Text-book: Nutting's Advanced Latin Composition (Allyn and Bacon).

MATHEMATICS

Professor De Cou
Dr. Leonard
Mr. Reid

The instruction in Mathematics is designed to secure two objects: First, high mental discipline for the general student through the study of an exact science; second, a thorough understanding of those subjects which form the foundation of most of the natural and applied sciences, such as physics, astronomy, and the engineering sciences.

Courses 1 and 3 are designed for students in literary courses who desire to secure a good foundation for their work in the sciences.

The courses fundamental to engineers are as follows: Freshman year, Course 2; Sophomore year, Course 4; Junior year, Course 17. These courses are recommended also to students who intend to make mathematics their major.

A number of fundamental elective courses are offered to the advanced student; they are so arranged as to give breadth and symmetry to his knowledge of mathematics and prepare him, if he so desires, to pursue graduate study profitably.

Graduate courses will be arranged to suit the needs of those applying for them.

Freshmen, entering the second semester, may take Courses 1 or 2, if sufficiently prepared.

COURSES IN MATHEMATICS

1. *Advanced Algebra and Plane Trigonometry.*—An elementary course. Open to freshmen. *Three hours, both semesters.*

2 *Advanced Algebra, Trigonometry, and Analytical Geometry.*—An introductory course. Required of freshmen in Engineering. Open to all freshmen. *Five hours, both semesters.*

3. *Analytical Geometry and Calculus.*—An introductory course for literary and general scientific students. Prerequisite, Course 1. *Three hours, both semesters.*

4. *Differential and Integral Calculus.*—This course includes the development of the fundamental principles and formulas of Differential and Integral Calculus; their applications to expansion of functions, indeterminate forms, the determination of the various properties of plane curves, maxima and minima, areas and length of curves, areas and volumes of surfaces, hyperbolic functions, etc. Prerequisite, Course 2. Required of sophomores in Engineering courses. Elective for others. *Five hours, both semesters.*

5. *Differential Equations.*—A practical course in the theory of ordinary and partial differential equations and their solutions. Prerequisites, Courses 2 and 4. Text-book: Murray's Differential Equations. *Three hours, both semesters.*

6. *Advanced Algebra and Spherical Trigonometry.*—A continuation of the Advanced Algebra of Courses 1 and 2, together with an introduction to Spherical Trigonometry. *Two hours, second semester.*

7. *History of Mathematics.*—A brief survey of the most important developments of the subject. *One hour, first semester.*

8. *Teaching of Mathematics.*—Dealing largely with the teaching of mathematics in secondary schools and treated from the historical standpoint. *One hour, second semester.*

9. *Computation.*—A course dealing with short practical methods in various subjects. *One hour, both semesters.*

10. *Advanced Differential Equations.*—A continuation of Course 5, based on the texts of Murray, Johnson, and Forsyth. *Two hours, both semesters.*

11. *Determinants and Theory of Equations.*—An elementary but very important course, giving the essential principles required in various advanced studies. Text: Burnside and Panton. *Three hours, one semester.*

12. *Solid Analytical Geometry.*—An advanced course dealing with surfaces of the second degree and their properties, together with some discussion of surfaces in general. Text-book: C. Smith's Solid Geometry. *Three hours. one semester.*

13. *Advanced Integral Calculus.*—Including definite integrals, Fourier series, elements of elliptic integrals and functions. Prerequisite, Course 4. *Three hours, both semesters.*

14. *Theory of Functions of a Complex Variable.* *Three hours, one semester.*

15. *Analytical Trigonometry.*— *Three hours, one semester.*

16. *Projective Geometry.*—An introductory course based on Holgate's translation of Reye's Geometric der Lage. *Three hours, one semester.*

17. *Analytical Mechanics.*—An elementary course dealing with the principles and applications of statics, kinematics, and kinetics. Prerequisite, Course 4. Required of juniors in Engineering courses. *Three hours, both semesters.*

18. *General Astronomy.*—A course embracing a brief historical sketch of the science, the fundamental principles, with such problems as yield to elementary methods of treatment, and an exposition of the more important facts known in reference to the bodies of the solar system, the stars, star clusters, and nebulae, tides as cosmogonic agencies, and a comprehensive account of the Nebular Hypothesis. Observatory work will be carried on as the weather permits. *Two hours, both semesters.*

19. *Spherical and Practical Astronomy.*—Lectures, observatory work, and computations. The observatory is provided with a good transit instrument, a sidereal clock, and a sextant with artificial horizon. The transit instrument is so arranged that it may also be used as a sight-seeing telescope. *Three hours, one semester.*

GRADUATE COURSES

On application, courses will be provided for graduates and others of sufficient mathematical maturity and training, in the following subjects: Modern Analytical Geometry, Differential Geometry, Elliptic Functions, Substitution Groups, and Theory of Numbers.

EQUIPMENT

The department is provided with a good working library of the best texts and receives regularly a number of the best mathematical journals.

A collection of the famous Brill models, made in Germany, is an important adjunct to the work in geometry. Included in this collection are plaster models of ellipsoids, hyperboloids of one and two sheets, elliptic and hyperbolic paraboloids, on which are shown the geodetic lines, lines of curvature, circular, and principal sections, etc.; also wire and thread models, illustrating ruled surfaces and generating lines of conicoids. A spherical black-board, three feet in diameter, black-board apparatus for use in geometrical constructions, and numerous models and drawings constructed by the students add materially to the equipment.

MINING AND METALLURGY

Assistant Professor Terrill

1. *Crystallography and Blow-pipe Analysis.*—A study of the blow-pipe tests and crystal forms which are of importance in determining minerals. *Three hours, first semester.*

2. *Determinative Mineralogy.*—Study of the nature and classification of minerals, in which special emphasis is laid on the recognition of minerals by means of their physical properties and crystal forms. Must be preceded by Course 1.
Three hours, second semester

3. *Petrology.*—An introduction to the nature and classification of rocks, with special reference to the methods by which they may be determined in the field or mine. Lectures, laboratory, and field work. Must be preceded by Courses 1 and 2.
Three hours, second semester.

4. *Assaying.*—The fire assay of the most important types of gold, silver, and lead ores, the assay of bullion, and laboratory amalgamation and concentration tests. Further practice in assaying is given students in checking the results of their experiments in the metallurgical laboratory. Must be preceded by Course 1, and Chemistry 1 and 2. Laboratory fee $15. *Three hours, first semester.*

10. *Metallurgy—Lead and Copper.*—Following an introductory course dealing with the nature of metals, alloys, ores, fuels, furnaces, and smelting and leaching operations; the metallurgy of lead and copper is taken up in some detail. Must be preceded by Courses 1 and 2, and Chemistry 1, 2, and 4.
Three hours, first semester.

12. *Metallurgical Laboratory.*—Determination of method by which the values can most profitably be extracted from a given ore, investigation of special metallurgical problems, etc., especial emphasis being given to cyanide tests.
Two to five hours, one semester.

14. *Mining.*—Lectures, assigned reading, and quizzes on mining operations, including prospecting, development, methods of working, timbering, shaft sinking, hoisting, drainage, and ventilation. Open only to Engineering students with full junior standing.
Three hours, second semester.

11. *Metallurgy—Gold and Silver.*—A course dealing with ore dressing; and with the amalgamation, cyanidation, and chlorination of gold ores, and the amalgamation, etc., of silver ores. Must be preceded by Course 10. *Three hours, second semester.*

13. *Cyanide.*—A substitute course for Course 12, which includes lectures, asigned readings, and laboratory tests on the cyanidation of ores. Treats of the cyanide process in more detail than is possible in Course 11. *Two to four hours, one semester.*

15. *Mine Surveying.*—A course designed to prepare the student for the duties of a U. S. Deputy Mineral Surveyor. It includes mining law and actual practice in the methods used in underground surveying, and the working up of field notes with the necesary calculations, maps, etc. Must be preceded by Surveying 3 and 4. *Three hours, one semester.*

16. *Mine Examination and Reports.*—Study of the methods in use in mine sampling, and the points which must be covered by various engineer's reports. Open to seniors in Mining Engineering. *One hour, first semester.*

17. *Thesis.*—Every senior will be expected to present a thesis at the close of the senior year. This should be in the form of a report upon some mine which he has examined, a report upon the method by which some ore can be most advantageously worked, with specifications and estimates for a plant for working it, or a report embodying the results of some special investigation in economic geology, metallurgy, or mining engineering.
Three hours, second semester.

LABORATORY FEES

Course 1, Mineralogy, $10.
Course 4, Assaying, $15.
Courses 12 and 13, Metallurgical Laboratory, $10.

PHILOSOPHY AND EDUCATION

Professor Sheldon

1. *Greek Philosophy.*—Prefaced by sketch of fundamental problems of philosophy and by mastery of the technical vocabulary of philosophy. Course consists of lectures, recitations, and reports. Each member of the class reads at least four of the Greek philosophical classics and reports upon the same. *Three hours, first semester.*

2. *Modern Philosophy.*—This course consists of the outlines of modern speculation beginning with Descartos and Bacon. The members of the class during the latter part of the course master and criticize at least one current system of philosophy.

Three hours, second semester.

3. *Ethics of Individual and Social Life,* a discussion of the virtues. The chief concrete ethical problems of modern life are discussed from the standpoint of evolutionary psychology and sociology. Lectures, text-book, and outside reading.

Two hours, first semester.

4. *Principles of Ethics.*—History of ethical speculation with outlines of chief modern systems. Text-book and lectures.

Two hours, second semester.

5. *Practical Problems in Ethics.*—Open to freshmen. President Campbell.

One hour, both semesters.

11. *The Evolutionary Idea,* with particular attention to the Synthetic philosophy of Herbert Spencer. Not given in 1907-08.

Three hours, both semesters.

12. *Philosophy of Aristotle.*—Open to juniors and seniors. Not given in 1907-08. President Campbell.

Two hours, both semesters.

13. *German Philosophy.*—The critical philosophy of Immanual Kant. Open only to students who have had Courses 1 and 2 or their equivalent

Three hours, first semester.

14. *German Philosophy.*—Hegel. Open only to students who have had Courses 12 and 13 or their equivalent.

Three hours, second semester.

15. *Philosophical Club.*—Reading and discussion of current literature in Philosophy. For major students in the department.

One or two hours, both semesters.

16. *Kant and His Successors.*—An examination of the systems of Kant, Fichte, Hegel, Herbart, Schopenhauer, Lotze, and Wundt.

Two hours, both semesters.

II EDUCATION

It is the aim of the department to offer a group of courses

which will acquaint the student with the results and methods of work in all the important departments of modern pedagogy. In order to accomplish this result, the courses will be given in a two-year cycle, as outlined below. In all courses, lectures, the syllabi of which are placed in the hands of the students, serve as an introduction and outline of the subject. The major portion of the student's energy, however, is spent in preparing papers, reports, and discussions on phases of the subject not treated in the lectures. As in the laboratory courses in the exact sciences, the chief purpose is to train the student to work and think for himself, the lectures serving simply as a guide. Owing to the advanced nature of the courses, students will not ordinarily be admitted to the classes in pedagogy until the beginning of their third or junior year.

1. *Growth of Education Doctrine* in the eighteenth and nineteenth centuries. A careful intensive study of Locke, Rousseau, Pestalozzi, Froebel, Herbart, and Herbert Spencer.

Three hours, first semester.

2. *Philosophy of Education and Educational Criticism.*—Howe, Rosecrans, O'Shea, Huxley, Search, Oliot Brooker, Briggs, Wilson, King. Treats of educational aims and values.

Three hours, second semester.

3. *A Pedagogical Psychology.*—Application of the fundamental principles of adult psychology to educational problems.

Three hours, first semester.

4. *Genetic Psychology.*—Growth of the individual mind through childhood and adolescence to maturity, with reference to pedagogy. *Three hours, second semester.*

5. *Growth and Administration of National Systems in Europe,* with special attention to secondary higher education.

Three hours, first semester.

6. *Growth and Administration of the National Systems of America,* with special attention to secondary and higher education.

Three hours, second semester.

7. *School Hygiene.*—A digest of information on the subjects of lighting, ventilation, heating, school furniture, nervous disorders produced by school hygiene of eye, ear, vocal organs, spinal curvature and infectious diseases. *Two hours, first semester.*

8. *The Elementary School Curriculum.*—History of the courses

of study in the modern systems of elementary education. An advanced intensive course. *Two hours, second semester.*

9. *Education Club.*—Reading of contemporary literature and discussion of current topics. *One hour, both semesters.*

10. *Recent Movements in Religious and Moral Education.*—A review of the work of the Religious Education Association and the reconstruction of the Sunday School and other institutions for religious education on pedagogical lines. *One hour, first semester.*

11. *Secondary Education, Its Aim.* European systems of secondary education, history, organization, administration of secondary education in America, training of secondary teachers.

12. *Methodology of High School Subjects,* with practice work in university practice school and high schools.

PHYSICAL EDUCATION

Mr. Bezdek

Physical education is treated as a part of college work. Two years in the gymnasium classes are required. The University gymnasium is fitted with the more general gymnastic apparatus.

The main hall is forty by eighty-five feet, with a twenty-five foot ceiling. On the same floor is the office of the director, and a room for anthropometry; there is also a gallery for spectators in the west end. The annex contains the dressing rooms and baths.

Students rent a private locker for a fee of one dollar per year. A deposit of fifty cents is required for the key, to be paid to the Steward of the University.

The department is conducted upon scientific principles. Its aim is both hygienic and educative. It attempts to aid functions and develop form, as well as to correct undeveloped and deformed parts, and supply recreaion. It also aims especially to assist the student toward perfect nervous control, and by exercise of precision and skill to train nerve centers and muscles to act quickly and accurately in response to the will; and to produce mental and moral self-control.

Reasonable effort is made to encourage outdoor sports, and the director devotes a considerable time, when the season is suitable, to directing outdoor exercises, such as golf, tennis, and athletics of all kinds.

The students maintain an athletic association which promotes outdoor athletics. They are also permitted by the faculty to participate in intercollegiate sports. In these games the University is represented by a football eleven, a baseball nine, a track athletic team, a tennis club, a golf club, and a basketball team. Secondary and class teams are formed to give the University teams practice, and in order to touch as many students as possible.

Physical examinations are made, and the director will be ready to examine students at any convenient time. Students may take the physical examination and have their exercises prescribed, or may enter one of the regular classes.

PHYSICS

Professor Boynton

Mr. Jackson

Students offering Physics as a matriculation subject and wish-to pursue the subject in the University are advised to take either Course 1 or Course 1a, so as to be thoroughly prepared for succeeding courses. Where the preparatory work has been exceptionally strong, the student may be admitted directly to the more advanced courses.

Course 2 is intended primarily for students of engineering, and should be taken by them in the sophomore year. Courses 4, 5, 6, and 7 together form a two years' cycle; the work includes experimental lectures and recitations on the basis of a suitable text-book. The courses of this cycle are open to all students who have at least sophomore standing, and are intended primarily for non-technical students desiring a general acquaintance with the subject; they are of substantially the same grade as, and alternative with, Course 2. Credit will not be given for both.

Course 3 should be elected as laboratory work to accompany Course 2, and is advised in connection with Courses 4, 5, 6, and 7. Additional laboratory may be taken as Course 18.

Prospective teachers of science should include in their selection of studies either Courses 2 and 3, or Courses 3, 4, 5, 6, and 7. The department is unwilling to recommend any person as qualified to teach Physics in the high schools who has less than that amount of preparation.

No credit is given for less than the full work of a course. Records given for the first half of a course continued through the year are understood to be provisional only, and conditioned upon the completion of the course.

Credits toward a degree are given only for work actually done

at the University or at some other institution of like rank, or upon examination.

A fee of five dollars is charged for each laboratory course.

GENERAL COURSES

1. *Elementary Physics.*—A general non-mathematical course. An acquaintance with Elementary Algebra and Plane Geometry is a condition for entering the course. A knowledge of the notation of Trigonometry will be found exceedingly helpful. Open to all qualified students at the beginning of each semester. Three recitations and one laboratory period. *Four hours, both semesters.*

1a. *Elementary Physics.*—A rapid review covering the ground of Course 1, for those who have had a year of high school Physics. Offered to engineering students and others as a preparation for Courses 2 and 3. One recitation and one laboratory period. *Two hours, both semesters.*

2. *General Physics.*—Open to those who have completed Elementary Physics and Trigonometry. This course and the following are required in the sophomore year in the Engineering Courses, and are recommended to intending teachers of science. *Four hours, both semesters.*

3. *Physical Measurements.*—A general laboratory course designed to accompany Course 2, or the lecture Courses 4, 5, 6, and 7. *One hour, both semesters.*

4. *Mechanics.*—A non-mathematical experimental presentation of the principle facts of the mechanics of solids, liquids, and gases. *Three hours, first semester.*

5. *Heat.*—A study of thermometry and calorimetry, with an introduction to the theory of solutions, the kinetic theory in its application to gases and liquids, and thermodynamics. *Three hours, second semester.*

6. *Light.*—A study of the more important phenomena of reflection, refraction, interference, diffraction and polarization of light, based upon a preliminary general discussion of wave motion. (Not given in 1907-08). *Three hours, first semester.*

7. *Magnetism and Electricity.*—The fundamental facts and theories, and their relations to modern applications, such as the transmission of power, and of intelligence, methods of measurements, recent theories of matter, etc. (Not given in 1907-08.) *Three hours, second semester.*

ADVANCED COURSES

11. *Analytical Mechanics.*—Also announced as Mathematics 17. Prerequisite, Differential and Integral Calculus. Required of juniors in the Engineering courses. *Three hours, both semesters.*

12. *Mathematical Theory of Electricity and Magnetism.*—Prerequisite, Physics 2 or 7, and Differential and Integral Calculus. An introduction to the more mathematical methods of presentation, especially intended for students of Electrical Engineering, but adapted to the needs of those who wish to pursue the subject farther. Required of juniors in the course in Electrical Engineering. *Three hours, first semester.*

13. *Electrical Measurements.*—A continuation of Course 12. The calibration of standard types of measuring instruments, the preparation and testing of standards of resistance, E. M. F., inductance and capacity, and the use of the potentiometer and dynamometer. Required of juniors in the course in Electrical Engineering. One recitation and two laboratory periods. *Three hours, second semester.*

14. *Thermodynamics.*—Prerequisites, Physics 2 or 5 and Differential and Integral Calculus. A course on the theory of heat as applied to ideal gases, saturated vapors, and other simple types of substances, introductory to the study of the steam engine. Especially recommended to students specializing in Physics or Physical Chemistry. *Three hours, first semester.*

15. *Molecular Physics.*—A continuation of Course 14, including the Kinetic theory of gases and liquids; the deduction and further discussion of Van der Waal's equation, and the theoretical aspects of the theory of solutions. *Three hours, second semester.*

16. *Theory of Light.*—Lectures with experimental illustration. Problems relating to the theory of optical instruments, treated by the methods of Geometrical Optics, and of the wave theory. Prerequisites, Physics 2 or 6, and Differential and Integral Calculus. *Three hours, either semester.*

17. *Harmonic Motion.*—The analytical treatment of wave motions, with applications to sound, light, and electricity. Prere-

quisites, Physics 2 or 6 and 7, and Differential and Integral Calculus, and at least one semester of Analytical Mechanics

Three hours, either semester.

18. *Advanced Undergraduate Laboratory Work.*—Open only to those who have completed at least the first half of Course 3. Work and credits to be arranged with the instructor.

PRIMARILY FOR GRADUATES

21. *Advanced Mathematical Physics.*—Lectures and assigned readings. The topics treated will be varied from year to year, to suit the needs of students. *Hours to be arranged.*

22. *Advanced Laboratory and Research.*—Qualified students will have all the facilities of the laboratories placed at their disposal, and will receive the advice and assistance of the department. *Hours to be arranged.*

23. *Seminary.*—Conferences at stated times on assigned topics and current periodical literature.

EQUIPMENT

The physical lecture room has a seating capacity of about sixty students. The lecture table is supplied with gas and water cocks, and electrodes connected at will with the University electric light plant or with the storage battery. An arc light stereopticon is used for projection.

The general Physical Laboratory consists of three rooms on the same floor. These rooms are supplied with gas and water connections, and with electrodes capable of furnishing as high as seventy-five amperes. A basement room provided with substantial masonry piers is used for advanced work and for experiments requiring great stability.

Important additions have recently been made to the equipment of the department. These include new cases for apparatus; a considerable re-equipment of the elementary laboratory; an apparatus for the determination of the Mechanical Equivalent of Heat according to Puluj; standard thermometers with certificates from the German Reichsanstalt; a photometer, a Michelson interferometer, and other important optical instruments for the advanced laboratory; a large balance, and an equipment of modern steel rod supports for the lecture room; and a notable increase in the equipment for electrical measurements, including resistances and galvanometers from the Leeds and Northrup Co.; ammeters and voltmeters from the American Instrument Co.; and a standard Ohm by Otto Wolff, and two Weston Standard cells which have been compared with those of the National Bureau of Standards.

PSYCHOLOGY

Professor Hawthorne

Students selecting Psychology as a major, will be advised to take Courses 1, 2, 3, 4, and 9.

Course No. 1 is open to freshmen at the beginning of both semesters.

1. *Elementary General Psychology.*—Lectures, discussions, Text-book: Tichener's Primer of Psychology, Thorndike's Psychology. Open to freshmen. *Three hours, both semesters.*

2. *Introductory Physioligical and Experimental Psychology.*—Sensation, attention, and perception. Lectures, discussions, laboratory work. Text-book: Ladd's Physiological Psychology, Wundt's Physiological Psychology. *Three hours, both semesters.*

3. *Advanced Course Lectures.*—James's Principles of Psychology. *Three hours, both semesters.*

4. *Logic.*—Deductive and Inductive. Elementary, advanced, and applied. Lectures, readings, and discussions. Text-books: Creighton's Introduction to Logic, Hibben's Deductive and Inductive Logic. *Two hours, both semesters.*

FOR GRADUATES AND ADVANCED UNDERGRADUATES

The following courses are arranged for alternate years, to meet the requirements of those who have completed the course in colleges or universities, and who wish to pursue the subject still further.

5. *Abnormal and Pathological Psychology.*—This course of lectures is designed to discuss especially the physiological and mental conditions of sleep, dreams, and hypnotic, somnambulistic, and other allied states. The theory of illusions and hallucinations will be treated with considerable detail. *Three hours, both semesters.*

6. *Applied Psychology.*—Application of modern psychological principles to educational subjects; outlines of the psychology of touch; its use in education; motor abilities; accuracy of movement;

fundamental principles of writing and drawing; sight, color teaching; space, form teaching; drawing.

Three hours, both semesters.

7. *Research Work in Psychology.*—The object of this course is such training in accurate introspection, observation, experimenting, and the art of research as is desirable for the general psychologist. *Three hours, both semesters.*

8. *Diseases of the Mind and Nervous System.*—This course will be illustrated by models of the brain and other parts of the nervous system; insanity and kindred subjects will be studied in connection with topical lessons. *Three hours, both semesters.*

9. *Comparative Psychology.*—This course will aim to trace the development of intelligence as running parallel to the development of the nervous system from the lowest forms upward. It will cover the ground of animal psychology, considering it with special reference to the problems of human psychology, so far as these can be stated in terms of the life of lower forms. It will include also a review of the comparative psychology of races as found in their languages and customs. On the mythological side, the logic of the theories of education will be discussed and the relation of philosophy to the biological sciences determined. Lectures, recitations, discussions, reading. Wundt's Human and Animal Psychology, work of various authors, Romanes, Lloyd Morgan.

Three hours, both semesters.

10. *Aesthetics.*—The object of this course is to review the history of the thought on the subject of the beautiful; to give a philosophical account of the foundations upon which the arts rest; and to study scientific art theory in its relations to general philosophical system. Bancroft's History of Aesthetics, Marshall's Pain, Pleasure, and Aesthetics, and other works will be read in connection with the course. *Three hours, both semesters.*

EQUIPMENT

The Psychological Laboratory occupies a large room in McClure Hall for lectures and class demonstrations, and for laboratory experiments, and original research work. There is also an additional small room for storing apparatus. The room is favorably located for experimental work—on the north side of the building, in the second story, having a steady light, and away from noise and interruption.

The laboratory, which is one of the few west of the Mississippi River, has a considerable store of the more simple apparatus, which is being added to by purchase and manufacture in the shop of the University. Among the pieces of apparatus in use are the following: Revolving drum for testing reacting time, time of fatigue;electromagnetic fork and stand; time marker with Deprez signal for sine curves; spark coil; telegraph key; graphic recorder for nerve action; steadiness guage for determining steadiness and attention, and used in cross education; aesthesiometer for finding sensory circles in skin space; olfactometer; Galton whistle, for determining the highest audible pitch up to 90,000 vibrations per second; tone tester; audiometer, apparatus for color tests; apparatus in pseudoptics, etc. Additional apparatus of latest make purchased as needed.

ROMANCE LANGUAGES AND LITERATURES

Assistant Professor Cloran

FRENCH

1. *Elementary French.*—Fraser and Squair's French Grammar, Part I, with written exercises and systematic training in French pronunciation. The reading of several hundred pages of graduated texts is required. Supr's French Reader or some similar text-book is used. In addition to this some of the following will be read: Halvy, L'Abbe Constantin; Merimee, Colomba; Labiche and Martin, Le Voyage de M. Perrichon. Translation at hearing.

Five hours, both semesters.

2. *Advanced French.*—Composition and syntax on the basis of Fraser and Squair's French Grammar, Part II, and Francois' Advanced French Prose Composition. The reading of modern French in the form of stories, plays, or historical or biographical sketches; George Sand, La Mare au diable; Musset, Pierre et Camille; Augier and Sandeau, Le Gendre de M. Poirier; Labiche and Martin, La Poudreaux yeux; Balac, Cinq scenes de la Comedie Humaine; About, Le Roi des montagnes. French conversation.

Four hours, both semesters.

3. *History of French Literature in the Seventeenth Century.*—The following texts will be read: Corneille, Le Cid, Cinna; Racine, Athalie, Esther, Andromaque, Phedre, Moliere, Le Misanthrope, Les Prec ieuses ridicules, Le Bourgeois gentilhomme; Boileau, L'Art poetique; selections from Descartes, Pascal, La Rochefoucauld,

Madame de Sevigne, Bossuet. This course is open to students who have completed Course 2 or its equivalent.

Three hours, both semesters.

4. *History of French Literature in the Eighteenth and Nineteenth Centuries.*—The following texts will be read: Selections from the prose work of Rosseau and Voltaire; Beaumarchais, Le Barbier de Seville; Chateaubriand, Le dernier Abencerage; Beranger, Alfred de Musset, Alfred de Vigny, Lamartine, Gautier, Victor poems; Victor Hugo, Ruy Blas. Course 4 alternates with Course 3.

Three hours, both semesters.

5. *Scientific French.*—The purpose of this course is to acquaint the student with technical terms, to familiarize him with scientific forms of expression and style, and to enable him to read with profit the scientific and technological contributions to French magazines. Bowen's Scientific French Reader will be used, and a number of magazine articles will be assigned to each student for outside reading. Open to students who have had two years of French.

One hour, both semesters.

6. *French Conversation.*—Open to students who have had one year of French. *One hour, both semesters.*

7. *History of French Literature and French Civilization.*—Open to students who have had two years of French.

One hour, both semesters.

FOR GRADUATES AND ADVANCED UNDERGRADUATES

8. *Old French.*—Lectures on old French Phonology and Morphology. Students shall provide themselves in advance with Gaston Paris's Extraits de la Chanson de Roland, and Schwan-Behren's Grammaire de l' ancien francais, traduction de Bloc (Leipzig, 1900). Other books used are Koerting, Lateinisch-romanisches Woerterbuch (Paderborn, 1901), Paris's edition of La Vie de St. Alexis (Paris, 1903); and Suchier's edition of Aucassin et Nicolete (Paderborn, 1899).

Open to students who have had at least two years of German, four years of French, and four years of Latin.

Three hours, both semesters.

SPANISH

1. *Elementary Spanish.*—Hills and Ford, A Spanish Grammar; Alarcon El Capitan Veneno, Padre Isla, Gil Blas de Santillana;

Spanish conversation. The course is open to students who have had two years of Latin *Three hours, both semesters.*

2. *Advanced Spanish.*—Moratin, El Si de las Ninas; Valdes, Jose; Galdos, Dona Perfecta, Marianela, Electra; Ford's Spanish Composition; Spanish conversation. *Two hours, both semesters.*

3. *Classical Spanish.*—Cervantes, Don Quixote (Selections); Calderon, Le Vida es Suene; selected plays of Lope de Vega. Fitzmaurice-Kelly's History of Spanish Literature will be used as a text-book. *Two hours, both semesters.*

ITALIAN

1. *Elementary Italian.*—Grandgent, Italian Grammar; Bowen's First Italian Readings; Alfieri, Saul; Goldoni, Un Curioso Accidente. This course will be open, if a sufficient number apply, to students who have had two years of French or four years of Latin.

Two hours, both semesters.

2. *Advanced Italian.*—The classic period of Italian Literature. Readings from Dante, Boccaccio and Petrarch. Garnet's History of Italian Literature will be used as a text-book.

Two hours, both semesters.

THE SCHOOL OF MUSIC

FACULTY

The Faculty of each school or college consists of the President of the University, and the resident professors, assistant professors, and lecturers, giving instruction.

INSTRUCTION

Instruction is given by private lessons or in classes of two or three. While the class instruction is valuable, the best results are obtained from private lessons. These lessons are forty-five minutes in length, and, where it is at all possible, a student should plan to take at least two lessons per week.

COURSES

The courses are arranged so that the student may become an independent performer and a thorough musician. There are three lines of major work: piano, voice, and violin. These courses are to be supplemented by work in theory, harmony, counterpoint, and composition. Courses are offered also in elocution and public speaking.

ENTRANCE

Although students will find it to their advantage to enter at the beginning of the year, they may enter at any time, and tuition will be charged from the time of entrance.

GRADUATION

Graduation depends upon proficiency, and not upon length of the term of a student's attendance. Students not desiring to pursue the full courses may take special courses in any subject offered. The regular work outlined covers four years.

CATALOGUE

Those desiring full information in regard to the School of Music will address Professor Irving M. Glen, Dean of the School of Music, Eugene. A catalogue will be sent on application to the Registrar of the University.

HISTORY OF MUSIC

1. From the age of primitive man to the time of Palestrina (1524 A. D.), tracing the evolution of music as an art in the various countries. This is given in a course of lectures once a week, and is open to all University (college) students as an elective course for one credit, and also to all those studying in the musical department.

2. From the time of Palestrina to the present. Text book: Ritter or Mathews, with letters and extracts from the works of different composers. Elective course. Open to all who have taken "Primitive Music." One credit.

THEORY OF HARMONY

FIRST YEAR

Ear Training—Notation—Tonality—Intervals—Time—Study—Metre—Rhythm—Chords—Original Melodies.

SECOND YEAR

Combination of Connection of Chords—Concords—Inversions—Discords—Dominant Sevenths—Harmonizing of Melodies and Basses, given and original.

THIRD YEAR

Secondary Sevenths, Ninths, Altered and Mixed Chorus—Modulation—Harmonizing of Melodies and Basses (continued)—Inharmonic Intervals—Organ Point—Suspension—Neighboring and Passing Notes—Figuration—Embellished Melody and Harmony.

FOURTH YEAR

Single Counterpoint—Five Species, in two, three and four parts. Double, triple and quadruple Counterpoint.

OTHER INFORMATION

There are three departments in the School of Music—Piano, Voice, and Violin. These departments offer courses leading to a diploma or a degree, according to the amount of work done.

Rates of instruction average $4.00 per month for one 45-minute lesson per week. All fees are payable invariably in advance to the Dean.

THE SCHOOL OF MEDICINE

FACULTY

The faculty of each school or college consists of the President of the University and the resident professors, assistant professors, and lecturers, giving instruction.

ORGANIZATION

The School of Medicine of the University of Oregon, which was established in 1887, in 1895 became a graded school occupying the advanced rank of those requiring from their students as a condition of graduation, attendance upon four full courses of lectures in a regular medical college. The result of this advance, as shown in our work under the four course system, has proved eminently satisfactory.

The course in the School of Medicine leads to the degree of Doctor of Medicine. It covers a period of four years of collegiate study, each year representing seven and one-half months in actual residence.

The studies are graded throughout the four years, and this grading is arranged with careful reference to the relation which the subjects naturally bear to each other.

The work of the first two years deals with fundamental subjects chiefly, while that of the last two years includes the more practical branches with their associated specialties, and the application of scientific or laboratory methods to clinical experience.

REQUIREMENTS FOR ENTRANCE

This school is a member of the Association of American Medical Colleges, and conforms to its requirements, as set forth in the constitution of the Association.

ARTICLE III.

SECTION 1.—Every college holding membership in this Association shall demand of each student, under the condition hereinafter stated, as a minimum requirement for admission to the medical course:

(a) A bachelor's degree from an approved college or university.

(b) A diploma from an accredited high school, normal school or academy requiring for admission evidencee of the completion of an 8-year course in primary and intermediate grades, and for graduation not less than four years of study embracing not less than two years (4 points) of foreign language, of which one must be Latin, two years (4 points) of mathematics, two years (4 points) of English, one year (2 points) of history, two years (4 points) of laboratory science, and six years (12 points) of further credit in language, literature, history or science.

(c) An examination in the following branches:

A. Required (18 points); Mathematics (4 points); English (4 points); History (2 points); Language (2 must be Latin), 4 points; Science (taken from physics, chemistry, botany, zoology), 4 points.

B. Optional (to 12 points); English, 2 points; History, 6 points; Language, 6 points; Manual Training, 2 points; Mechanical Drawing, 1 point; Natural Science (botany, zoology), 2 points; Physical Science (chemistry, physics), 2 points; Trigonometry, 1 point; Astronomy (1), Civics (1), Geology (1), Physical Geography (1), Physiology and Hygiene (1), Political Economy (1).

(One point in any subject in a high school or academic course demands not less than five periods per week of forty-five minutes each for eighteen weeks.)

(d) Certificates from reputable instructors recognized by the superintendents hereinafter to be mentioned, or by any state board of medical examiners duly authorized by law, may be accepted in lieu of any part of this examination.

SEC. 2. The examination must be conducted by or under the authority of the Superintendent of Public Instruction of the city or state in which the college is located. In no case shall it be conducted by any person connected with the faculty, medical or otherwise, of the institution to which the student is seeking admission.

SEC. 3 A student may be allowed to enter on his medical work conditioned on not more than six points, and these conditions much be removed by satisfactory examination before he is allowed to enter on the second year of his medical course.

SEC. 4. Colleges in membership in this association may honor the official credentials presented by students from other colleges having the standard requirements maintained by members of this Association, excepting for the fourth year of their course, but no member of this Association shall admit a student to advanced standing, without first communicating with the college from which the student desires to withdraw, and receiving from the dean of such college a direct written communication certifying to the applicant's professional and moral qualifications, and to the exact work he has done in said college.

SEC. 5. Candidates for the degree of Doctor of Medicine shall have attended four courses of study in four calendar years, each annual course to have been of not less than thirty teaching weeks' duration, and at least ten months shall intervene between the beginning of any course and the beginning of the preceding course.

SEC. 6. Credit may be given to the holders of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had at least 40 hours in Physics, 144 hours in Chemistry, 24 hours in Osteology, 292 hours in human or comparative Anatomy, 124 hours in Histology, 85 hours in Embryology, 145 hours in Physiology, and 46 hours in Materia Medica; provided, that the applicant for such time credits satisfies the professors of the chairs mentioned in the Medical School as to his proficiency in these first-year medical studies, and satisfies the examiner, as provided for in Section 2, Article III, that his studies for which the degree was conferred include the above requirements. Such student may be allowed to complete a course for the Medical Degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

COURSE OF STUDY

FIRST YEAR

Anatomy, with dissections; General Chemistry; Materia Medica and Pharmacy; Physiology, Histology, Embryology; Laboratory Work in all. Hygiene and Public Health.

Examinations at the end of the year in Osteology and Syndesmology, Principles of Chemistry, Elementary Materia Medica, Physiology (Prox. Principles and the blood), Histology (final.)

SECOND YEAR

Anatomy, with dissections, finished; Physiology, finished; Chemistry, with laboratory work, finished; Materia Medica and Therapeutics, finished; Microscopy; Hygiene; Obstetrics (Pelvic Anatomy, Embryology, and Normal Labor); Clinical Medicine; General Pathology; Dietetics.

Examinations at the end of the year: Anatomy (final); Physiology (final); Chemistry (final); Materia Medica and Therapeutics (final); Hygiene; Obstetrics; (Pelvic Anatomy, Embryology, and Normal Labor), General Pathology; Dietetics.

THIRD YEAR

Theory and Practice of Medicine, General Therapeutics, Principles and Practice of Surgery and Bandaging. Special Pathology, with laboratory work; Paediatrics; Dermatology; Gynæcology; Genito-Urinary diseases, Physical Diagnosis; Ophthalmology and Otology; Obstetrics; Medical Jurisprudence; Nervous Diseases; Clinics, all.

Examinations in Principles of Medicine; Principles of Surgery; Pathology (final); Gynæcology; Physical Diagnosis; Obstetrics (final); Dermatology; Diseases of Genito-Urinary Organs; Ophthalmology and Otology.

FOURTH YEAR

Medical Jurisprudence; Theory and Practice of Medicine; Principles and Practice of Surgery: Military and Operative Surgery; Clinics, all; Gynæcology; Genito-Urinary Diseases; Ophthalmology and Otology; Rhinology and Laryngology; Bacteriology, with laboratory work; Pædiatrics; Insanity and Diseases of the Nervous System; Obstetrics, Clinics.

Examinations. Final in above.

COURSES OF INSTRUCTION

Surgery.—Surgery in all its various branches will be taught during the third and fourth years, as per outline, by means of systematic lectures and operations in the presence of the class. In addition, there will be demonstrations of all the details of bandaging, dressings, and the application of the various forms of ap-

paratus used in the treatment of diseases, accidents and deformities, including fractures and dislocations. Members of the graduating class will have opportunities for practice in minor surgery, bandaging, etc., and subjects will be furnished for repeating all the usual surgical operations on the cadaver.

Professor George F. Wilson will deliver didactic lectures on Principles and Practice of Surgery, and give surgical clinics at Good Samaritan Hospital. He will give special attention to clinical work in bone lesions, fractures, dislocations and fixation apparatus. Clinics in Surgery will also be given by Professors William Jones, K. A. J. Mackenzie, Dr. O. B. Wright and others. Professor K. A. J. Mackenzie will deliver a practical course upon Operative Surgery, and will give special attention to surgical clinics.

Chemistry and Toxicology.—During the first and second years, Professor Binswanger will treat these subjects with special attention to the fundamental principles of chemistry, medical and physiologic chemistry, physics and poisons.

The lectures will be fully illustrated by experiments, and a well-equipped chemical laboratory will aid materially in the practical instruction of students in urinary analysis and other chemical examinations. A course of practical laboratory work by students is an essential of the requirements. Dr. Theo. Fessler will assist in laboratory work.

Theory and Practice of Medicine.—During the third and fourth years, as per outline, Professor Bell will bring into prominence, in this branch, the essentials of theoretical and practical medicine, dwelling more particularly upon those subjects which will be likely to prove of most substantial use to the young practitioner, while not neglecting theoretical essentials. Teaching in this branch will be illustrated by clinics at the college and hospitals. Professor Wells will deliver lectures upon diseases of children; Professor Josephi upon diseases of the nervous system; Dr. Wheeler upon hygiene; and Dr. Geary upon physical diagnosis. Professor Bell and Dr. J. Allen Gilbert will hold medical clinics at St. Vincent's Hospital, and Dr. C. C. McCornack, at Multnomah County Hospital. Out patient clinics at Free Dispensary will be held daily by clinicians of the college staff.

Anatomy—Professor Labbe will give instruction in General and Descriptive Anatomy. The subject will be considered during first and second years and finished at the end of the second year.

These lectures will be illustrated by actual dissection, charts and drawings, and special attention will be given to the surgical relations of the subject. During the first year a course in Osteology and Syndesmology by Dr. J. O. C. Wiley will be completed.

Special arrangements have been made for storing dissection material, so that no shortage need be apprehended. A sufficient supply for the beginning of the course will be on hand and utilized as soon as desirable. The Demonstrator will be on duty daily (except Saturday), as per schedule of lectures, as special attention will be given to this branch during first and second years.

Materia Medica and Therapeutics.—Acting Professor J. C Zan will direct attention during first and second years to remedial agents, and to the actions of medicine proper, with particular reference to their practical application. Specimens of the various medicines will be exhibited to the class, and attention given to electro-therapeutics, upon which a special course will be given by Drs. Hamilton and Taylor. Laboratory work will be given by Dr. Pelgram. Dietetics will be treated by Dr. Taylor.

Bacteriology.—Dr. Ralph C. Matson will deliver practical lectures on Bacteriology to fourth year students.

The Bacteriological Laboratory is supplied with all the necessary apparatus, including incubators and sterilizers with thermostats and thermometers for a full course.

Each student receives instruction in bacteriological technique including best methods of examining sputum, staining, etc., and a number of different bacteria will be cultivated and studied, such as typhoid, diphtheria, cholera, etc.

Microscopy, Histology, and Pathology.—Dr. Ray W. Matson will deliver a practical course on the use of the Microscope and Histology. Dr. R C. Yenney will deliver lectures and supervise laboratory work in Pathology, both general and special. This will include the study of microscopical examination of pus, blood, urine, etc.

To illustrate the lectures on Histology and Pathology, a course will be given on section cutting, staining, mounting, etc. Histology will be considered during the first year, and Pathology by second and third year students. This course will be thoroughly practical and will be taught almost exclusively by laboratory methods.

Obstetrics.—This subject will be taught during second and third years as per outline. Professor Josephi will illustrate the lectures upon this branch by charts, diagrams, specimens, etc. All the principal obstetric operations will be demonstrated on the manikin in presence of the class, and members of the graduating classes will be required to perform certain operations and instrumental applications on the manikin before the class.

Opportunities for clinical work will be furnished to the graduating class, and labor cases will be entrusted to the individual members under proper direction, thus insuring an eminently practical knowledge of this important branch. Professor Josephi will conduct the clinical work in midwifery at Good Samaritan Hospital.

Gynaecology.—This course will be taught didactically during the third and fourth years by Professor Tucker. Professor A. J. Giesy will give clinics in gynæcology once each week at Good Samaritan Hospital. Practical instruction will be given in the use of the speculum and other instruments for the diagnosis and treatment of diseases peculiar to women, and every opportunity given for students to familiarize themselves with their use and application.

Physiology.—Lectures upon this subject will be delivered, and laboratory work conducted during first and second years by Professor George B. Story, and will be illustrated by demonstrations which will occupy a prominent place. Dr. McCusker will conduct a laboratory course.

Diseases of the Nervous System.—Lectures on nervous diseases, including insanity, will be delivered by Professor Josephi during the fourth year. In this course special nervous diseases not included in the lectures of others will be dwelt upon. Clinics at hospitals and out-patient department; also a clinic on insanity by Dr. Wm. House.

Ophthalmology, Otology, Rhinology, and Laryngology.—Professor Nunn will deliver lectures upon these subjects to third and fourth-year students, and will give special attention to methods of diagnosis and treatment of the diseases of the parts involved. Practical clinical training in the use of the opthhalmoscope, specula, laryngoscope, and instruments for local applications will be given. Clinics in Good Samaritan and county hospitals and outdoor service.

Genito-Urinary Diseases.—Professor A. E. Mackay will, in addition to clinics on surgery at the Good Samaritan Hospital, deliver didactic and clinical lectures on diseases of the genito-urinary organs during third and fourth years. Lectures will be illustrated by drawings, models, etc., and numerous cases at the bedsides in the hospital. Practical instruction in the use of instruments will be given. Clinics by Dr. Whiteside at out-patient department.

Paediatrics.—Professor G. M. Wells will bring before the students during the third and fourth years a wide range of subjects in connection with this chair. From the first hour of life the infant requires a special study. Its diet and environments are of paramount importance in the first few years of life. Then the great question of schooling and school hygiene are now coming to the front as never before. The alarming increase of myopia among the young appeals to this chair for prevention as no other. The relation of the pædiatrics to the several branches of scientific medicine will be emphasized.

The surgery of infancy and childhood, manifestly so unique, will receive its share of attention.

Dermatology.—Dr. J. C. E. King will deliver lectures on Dermatology during the third year. Clinics at the county hospital and out-patient department.

Medical Jurisprudence.—Mr. Wm. T. Brewster will deliver lectures embracing the more essential points of this intereseing branch of medicine during the fourth year.

Physical Diagnosis.—In addition to the general instruction on this important subject, Dr. Geary will hold clinics at the college and county hospitals for special work in this branch.

Hygiene.—Dr. Wheeler will deliver a course on Hygiene during the year. The subject will be treated from a practical standpoint.

Embryology will be treated in the lectures of Professors Josephi, Tucker, Labbe, and Story; the first two delivering didactics and the last two giving laboratory demonstrations.

Lectures.—All students are privileged to attend all didactic lectures, but only such as are laid down in the schedule are compulsory.

HOSPITAL CLINICS

Instruction in medicine and surgery to be efficient, must combine didactic and clinical teaching, and no opportunities for the last named class of studies are in any sense equal to those offered by the wards of a general hospital.

Our connections, through members of the faculty, with St. Vincent's and Good Samaritan and Multnomah County Hospitals, is such as to afford the most enlarged advantages of clinical instruction in the wards of those institutions; members of the medical staff of each being also members of the college faculty.

St. Vincent's new hospital is located only a few blocks from the college building, on a tract of five acres. The portion now completed and occupied is 260 feet long, an average of 60 feet wide, and is six stories in height, including a basement. It contains 350 beds and is admirably fitted in other respects with the most modern furnishings and appliances.

Good Samaritan Hospital is delightfully located near the foot of the western hills, contains 125 beds, and is rich in clinical material of all kinds. These two hospitals afford opportunities to the students of this college for clinical work and instruction unequaled anywhere in the Northwest.

; Their close proximity to the college clusters the buildings for both didactic and clinical instruction, so that the necessity for the student to travel long distances in order to carry on properly his work is overcome, and thus much valuable time is saved to him.

Multnomah County Hospital offers a fine field for medical clinical material, which is duly utilized.

Clinics are held every lecture day during the session. Opportunities are given students to make diagnosis of disease and prescribe treatment therefor; and operations of endless variety are performed (in the presence of the class), according to the most advanced methods of modern surgery.

Special attention will be given to instructing the student in methods of examination for purposes of diagnosis of both medical and surgical cases and the use of appropriate instruments used for that purpose. In addition to clinics formerly given, a "Clinic Conference" in both medicine and surgery has been established, which has proved very beneficial to the student.

Arrangements have been perfected for the obstetrical clinics. Each senior student will be given an opportunity to attend and conduct, under proper supervision, cases of midwifery. This affords undergraduates a practical knowledge of midwifery, which must prove of great value in their future professional work.

The hospitals mentioned, which have been already established and in successful operation for many years, present most excellent and unequalled facilities for the study of disease at the bedside, and this branch of instruction will receive the very careful atention of the staff of clinical lecturers connected with the college.

Portland's geographical position is such that its hospitals receive patients from the surrounding territory over a large area of country, and the types of both medical and surgical diseases met with are as various as those met with in larger cities.

The Faculty, while not disparaging the value of didactic lectures, makes the system of clinical instruction occupy a prominent place in the curriculum, and it will be the aim of its members to make the instruction in all departments as complete and efficient as possible.

In addition to didactic and clinical lectures, instruction will be given by practical work in the dissecting rooms and laboratories, and by repeated oral examinations.

A considerable addition to the building, embracing an amphitheatre and new laboratories, was completed in time for the session of 1906-07. New apparatus has been added and the efficiency of the laboratories greatly increased.

HOSPITAL APPOINTMENTS

Arangements have been perfected by which the college has in its gift two appointments each year of house surgeons to the Good Samaritan Hospital. Each appointment is for one year, during which time board and lodging will be furnished free at the hospital.

An excellent opportunity is thus afforded to the graduate to acquire in the wards of a well equipped hospital, without any expense, a practical knowledge by clinical experience and actual practice. The house surgeons of St. Vincent's Hospital are also supplied from the alumni of the college.

LIBRARY

A medical library, known as the "R. B. Wilson Library," has

been established at the college building. The nucleus for this is a gift of the medical libraries of the late Dr. R. B.Wilson, and Dr. Rodney Glisan. This has been added to by gift from the Federal Government and will be further enlarged from time to time. Students will be allowed the use of books (not to be removed from the building) under such rules as the college may prescribe.

LOCATION AND EQUIPMENT

The new college building, located near Twenty-third and Lovejoy streets, opposite Good Samaritan Hospital, was completed and occupied during the session of 1892-3. It is a model of convenience, being furnished with all the aids to medical education which modern advancement requires. Laboratories for chemical, histological, pathological, bacteriological, and other work are provided, and arrangements made for special attention to these important practical departments. The laboratory equipment has been doubled; extensive additions made to the apparatus in microscopy, and new instrustors added to the faculty for more extensive and specialized work in histology and pathology. The dissecting room is most conveniently arranged, is light and airy, and is furnished with artificial stone tables of special design, and electric fixtures for artificial illumination.

The building is heated by hot water, lighted by gas and electricity, and provision made for excellent ventilation. The Twenty-third street electric cars pass the location every few minutes. To reach the college by this line take the Washington street car, designated Twenty-third street. St. Vincent's new hospital is only a short distance from the college, and with Good Samaritan across the street, the arrangement of the college and hospitals for clinical work is a most convenient one.

REQUIREMENTS FOR GRADUATION

The candidate for the degree of Doctor of Medicine must be of good, moral character and twenty-one years of age. He must have studied medicine under a regular practitioner four years, including attendance upon lectures, and attended in a regular medical college authorized to confer the degree of M. D., four full courses of lectures, no two of which shall have been delivered within twelve months (unless admitted to advanced standing as per constitution of the Association of American Medical Colleges), the last of which must have been in this college; and must exhibit his tickets or other adequate evidence of attendance to the Dean of the Faculty.

He must present to the Dean satisfactory evidence of having dissected the entire cadaver. He must have attended at least two courses of Dissections and Clinical Instruction. He must present to the Dean satisfactory evidence of time, study, laboratory work, and moral character. He must have passed successfully the examinations prescribed by the Faculty, and paid all fees due the College.

The degree will not be conferred upon any candidate who absents himself from the public commencement exercises without special permission from the Faculty.

The diploma given to graduates is that of the University of the State of Oregon, duly signed by the President and Secretary of the Board of Regents, as well as by the Medical Faculty.

Women will be admitted to matriculation, instruction, and graduation on the same terms as men.

Before admission, every student is required to furnish a satisfactory cerificate of good moral character, and to obtain the Dean's receipt for the payment of the matriculation fee. It will, therefore, be necessary for the applicant to present himself at the office of the Dean, register his name as a student in the Medical Department, pay his matriculation fee, and arrange for payment of his regular fees. New students will be assigned seats in the order of date of matriculation. Certificates for entrance may be submitted to the Dean for approval at any time, and the student's name listed; but matriculation will not take place until the date of the opening of the matriculation book, September 1st.

REGULATIONS REGARDING EXAMINATIONS

A percentage of 75 is required for passing from grade to grade in all subjects.

The estimate of the standing of each student is based both upon the general character of his work and upon the results of his examination. Students failing to attend 80 per cent. of all prescribed exercises in any subject are considered to have failed in that subject, and will not be credited for examination therein.

Students who have failed in not to exceed two subjects are permitted to continue the work of their class when they shall have passed re-examination in those subjects at the beginning of the next college year. Failing to pass this re-examination in more than one subject will necessitate repetition of the whole year's work.

Conditions will be permitted only from preceding year in regular sequence.

No student shall be admitted to the senior year with a major or more than one minor condition. Students who have failed in three subjects are not admitted to re-examination, but are required to take the whole year's work over again, including those subjects in which they may have passed. In all re-examinations no percentage grades over 75 are given; the student either passes or he fails.

Students who for three successive years have failed to secure advanced standing will not be permitted to continue their studies in the College.

Fourth year students are required to pass in all subjects before receiving the degree of Doctor of Medicine.

For a final passing mark, students must attain an average of 75 per cent., and not fall below 70 per cent. in any one chair in the work of the entire course

Those who fail in one or two subjects will be admitted to re-examination in those subjects at the beginning of the following regular term, when, if they pass, they will receive the degree.

Examinations will be conducted by numbers and not by names of students, so that the identity of the student shall not be known to the examiner.

EXPENSES

All fees are payable in advance.

All students who work in the Chemical Laboratory will be required to deposit $3.00, and those in the Histological, Pathological, Physiological, or Bacteriological Laboratory, $5.00 for breakage. These fees,, excepting $2.00 for each subject, are returnable if no breakage is charged.

To those who enter at the beginning of the first year—

First year: Matriculation	$ 5.00
Fee for course	130.00
One-quarter examination fee	7.50
Second year: Fee for course	130.00
One-quarter examination fee	7.50

Third year: Fee for course	100.00
One-quarter examination fee	7.50
Fourth year: Fee for course	50.00
One-quarter examination fee	7.50

To those entering beginning of second year (not having taken a course in this college)—

Second year: Matriculation	$ 5.00
Fee for course	130.00
One-third examination fee	10.00
Third year: Fee for course	130.00
One-third examination fee	10.00
Fourth year: Fee for course	75.00
One-third examination fee	10.00

To those who enter beginning of third year (not having taken a course in this college)—

Third year: Matriculation	$ 5.00
Fee for course	130.00
One-half examination fee	15.00
Fourth year: Fee for course	100.00
One-half examination fee	15.00

To those who enter beginning of the fourth year (not having taken a course in this college)—

Fourth year: Matriculation	$ 5.00
Fee for course	120.00
Examination	30.00

One full scholarship and two half scholarships are open to graduates of the University of Oregon with the degree A. B. or B. S., of not more than two years' standing. Particulars will be furnished upon application to either Registrar, University of Oregon, Eugene, or Professor Josephi, Portland.

BOARDING

Good board with rooms and all the usual accommodations can be obtained in the vicinity of the Colleges at rates varying from $4.00 to $6.00 per week.

MISCELLANEOUS

Students are requested to be in attendance at the commencement of the session, so that they may not lose the benefit of knowledge to be derived from the opening lectures.

Students will matriculate at the office of the Dean, Professor

S. E. Josephi, Dekum Building, Third and Washington Streets, Portland, Oregon. For further particulars address

PROF. S. E. JOSEPHI, M. D.,
Room 610 Dekum Bldg., Third and Washington Sts., Portland, Or.

THE SCHOOL OF LAW

FACULTY

The Faculty of each school or college consists of the President of the University and the resident professors, assistant professors, lecturers and instructors giving instruction.

LOCATION

The Law School is held in the City of Portland, which offers to the student of law many advantages not possessed by other cities. The District and Circuit Courts of the United States hold regular sessions, the four departments of the Circuit Court of the State of Oregon for the Fourth Judicial District, the County Court of Multnomah County, and the Municipal and Justices' Courts are constantly in session, where questions touching every branch of the law are daily heard and determined.

The lectures are delivered in the Court House in the heart of the City of Portland. Each lecture with the accompanying recitation lasts about one hour. Lectures in the first year are on Mondays, Wednesdays and Fridays at 7:15 P. M. ; in the second year, on Tuesdays, Thursdays, and Saturdays at 7:15 P. M.; and in the third year on Mondays, Wednesdays and Fridays at 8:30 P. M.

Students who passed the required examination for the first year's work in May, 1906, may graduate in May, 1907, and will assemble four times a week at 8:30 P. M. on Mondays, Wednesdays, Fridays, and Saturdays. The twenty-fourth session opens Monday, September 23, 1907.

The fact that the lectures and other exercises take place in the evening enables bank and government clerks and other persons engaged during the day to avail themselves of the privileges of the school.

REQUIREMENTS FOR ADMISSION

All persons, irrespective of sex, are allowed to matriculate in the Law School. Applicants for admission to the first year class must be at least eighteen years of age, and to the second year

class at least nineteen years of age, and to the third year class at least twenty years of age.

Graduates of universities or colleges, and students who have completed an academical or high school course, are admitted to the department without examination as to preliminary requirements, and may become candidates for the degree of Bachelor of Laws. In order to be entitled to this privilege, however, the applicant should present to the Secretary of the Department evidence that he comes within some one of the classes named, which should be in the form of a diploma or certificate, or a certified copy thereof.

All other applicants will be required to present satisfactory evidence that they are prepared to pursue the work with advantage to themselves and without disadvantage to the school.

At the close of each year students are examined on the subjects pursued during the year, and are not permitted to enter the next higher class unless they attain a general average of seventy per cent. on all subjects included in the year.

COURSE OF INSTRUCTION

The course of instruction extends through a period of three years of nine months each, instead of two years as heretofore.

The aim of this school is to give its students as thorough and practical an education in the principles of the law as the length of the course will permit, and to prepare them for practice in the courts of any state, but particularly in those of Oregon. Recognizing the advantages and disadvantages of the exclusive use of either the lecture or the case method, the faculty endeavors so to combine lectures with the use of text-books, and especially with the careful study of illustrative cases, as most thoroughly to qualify the student for the active work of his profession.

The lectures are delivered in the evening, and, so far as practicable, students who put themselves into timely communication with the Secretary are connected with the best law offices of the city, where they may have an opportunity of familiarizing themselves with the conduct of business and the practical duties of the profession.

The thoroughness of the instruction imparted is sufficiently attested by the fact that of the three hundred and two graduates

of the Department of Law only three have thus far failed to pass the State Bar examination. The more difficult test of actual practice has been met with almost equal success by the graduates, an unusual number of whom are admitted to be leaders at the junior bar and have held important official positions in various parts of Oregon.

The following is a statement of the subjects upon which instruction is given, with the time devoted to each subject:

FIRST YEAR

FIRST TERM

Criminal Law.—Clark's Criminal Law. Criminal Code of Oregon. Twenty lectures. Dean Gantenbein.

Domestic Relations.—Tiffany's Persons and Domestic Relations. Bellinger and Cotton's Codes of Oregon, Title XLII. Ten lectures. Judge Frazer.

SECOND TERM

Contracts.—Clark on Contracts. General Laws of Oregon. Twenty lectures. Judge Pipes.

Agency.—Tiffany on Agency.—General Laws of Oregon. Ten lectures. Mr. Beekman.

THIRD TERM

Partnership.—George on Partnership. General Laws of Oregon. Ten lectures. Mr. Chamberlain.

Sales.—Tiffany on Sales.—General Laws of Oregon. Ten lectures. Judge Cleland.

Bailments and Carriers.—Hale on Bailments and Carriers. General Laws of Oregon. Ten lectures. Mr. McCamant.

SECOND YEAR

FIRST TERM

Real Property.—Tiedeman on Real Property. General Laws of Oregon. Thirty lectures. Mr. Veazie.

SECOND TERM

Torts.—Bigelow on Torts. General Laws of Oregon. Twenty lectures. Dean Gantenbein.

Negotiable Instruments.—Bellinger and Cotton's Codes of Oregon, Sections 4403-4594, inclusive. Ten lectures. Mr. Platt.

THIRD TERM

Equity Jurisprudence.—Fetter or Bispham on Equity. Bellinger and Cotton's Codes of Oregon, Title VI. Twenty lectures. Judge Sears.

Corporations.—Bellinger and Cotton's Codes of Oregon, Title XLI. Ten lectures. Mr. Chamberlain.

THIRD YEAR

FIRST TERM

Pleading, Practice and Probate Law.—Gould on Pleading. Bellinger and Cotton's Codes of Oregon, Titles I-V, inclusive, Titles VII and VIII, and Title XVI. Thirty lectures. Judge Northup.

SECOND TERM

Constitutional Law.—Black's Constitutional Law. Twelve lectures. Judge Gilbert.

Justice's Court Practice.—Bellinger and Cotton's Codes of Oregon, Title XX. Five lectures. Mr. Kraemer.

Brief Making and Supreme Court Practice.—Five lectures. Judge Hailey.

Bankruptcy.—Five lectures. Mr. Greene.

Water Rights.—Three lectures. Mr. Aitchison.

THIRD TERM

Federal Procedure.—Hughes' Federal Procedure. Ten lectures. Judge Wolverton.

Evidence.—McKelvey on Evidence. Bellinger and Cotton's Codes of Oregon, Titles IX-XI, inclusive. Twenty lectures. Dean Gantenbein.

Students who pass the required examination for the first year's work in May, 1906, will assemble four times a week at 8:30 P. M. on Mondays, Wednesdays, Fridays, and Saturdays, and will pursue the following subjects in the order named and complete

each subject before taking up the next. Upon passing the required examinations in May, 1907, they will be entitled to graduate.

Pleading and Practice.—Gould on Pleading. Bellinger and Cotton's Codes of Oregon, Titles I-V, inclusive, and Titles VII and VIII. Twenty lectures. Judge Northup.

Corporations.—Bellinger and Cotton's Codes of Oregon, Title XLI. Ten lectures. Mr. Chamberlain.

Constitutional Law.—Black's Constitutional Law. Twelve Lectures. Judge Gilbert.

..Real Property.—Tiedeman on Real Property. General Laws of Oregon. Thirty lectures. Mr. Veazie.

Torts.—Bigelow on Torts. General Laws of Oregon. Twenty Lectures. Dean Gantenbein

inger and Cotton's Codes of Oregon, Title VI. Twenty Lectures.

Equity Jurisprudence.—Fetter or Bispham on Equity. Bell- Judge Sears.

Evidence.—Jones or McKelvey on the Law of Evidence. Bellinger and Cotton's Codes of Oregon, Titles IX-XI inclusive. Twenty-one lectures. Dean Gantenbein.

LIBRARY

The only books with which students are required to provide themselves are those used for purposes of text-book instruction, but they are advised to secure a copy of Bellinger and Cotton's Codes of Oregon in two volumes, as frequent reference is made to the Oregon Statutes in connection with the instruction on all the subjects of the course.

Students in the Law School are allowed to use the Multnomah Law Library in the County Court House, free of charge. This library contains the reports of every state in the Union, the reports of the federal courts, and numerous English reports, together with an extensive collection of treatises and text-books, both English and American, and copies of the statutes of the several states and of the United States. New reports, as they are issued, are added, as are new text-books and treatises of merit.

TEXT-BOOKS

The books required by each student will cost, for new copies of the latest edition, as follows:

FIRST YEAR

Clark's Criminal Law, Second Edition	$ 3.50
Tiffany's Persons and Domestic Relations, First Edition	3.50
Clark on Contracts, Second Edition	3.50
Tiffany on Agency, First Edition	3.50
George on Partnership, First Edition	3.50
Tiffany on Sales, First Edition	3.50
Hale on Bailments and Carriers, First Edition	3.50
	$24.50

SECOND YEAR

Tiedeman on Real Property, Enlarged Edition	$ 5.00
Bigelow on Torts, Seventh Edition	3.00
Fetter on Equity, First Edition	3.50
	$11.50

THIRD YEAR

Gould on Pleading, Hamilton's Edition	$ 4.00
Black's Constitutional Law, Second Edition	3.50
Hughes' Federal Procedure, First Edition	3.50
McKelvey on Evidence, First Edition	3.50
	$14.50

These books will be found very useful in professional practice, and can be purchased from the Secretary at the above prices, which represent the prices charged after the deduction usually allowed to students.

DEGREE

The Degree of Bachelor of Laws will be conferred upon such students as pursue the full course of three years and pass the required written examinations. Students who have attended another approved Law School for a period equal to one or two years of the course of this School of Law will be given due credit for such attendance.

The diploma given to graduates is that of the University of

Oregon, signed by the president of the Board of Regents, the President of the University, and the Dean of the Law Department.

FEES

FEES

The tuition fee is sixty dollars for the first, seventy-five dollars for the second, and seventy-five dollars for the third year. The tuition is payable in advance at the office of the Secretary in three equal installments on or before the first day of each term. Admission to membership in the classes is not permitted until the fees are paid. Regular attendance is required, and no deduction will be made on account of absence or failure to begin at the opening of the year. The final examination fee upon completing the whole course of study, is ten dollars, payable on or before May 1st, 1907.

For students taking special courses the fee will be at the rate of one dollar per lecture, payable in advance. Special students may, on application to the Secretary, receive an official certificate of attendance, showing the subject or subjects pursued, and the degree of atainment.

The right to change any or all announcements in this catalogue, except as to fees, is hereby reserved.

Application for admission and requests for further information will be addressed to

WALTER H. EVANS, Secretary,
Attorney at Law,
Fenton Bldg., Portland, Oregon.

Eaton, Walter, ... Eugene
Elliott, Elizabeth, ... Eugene
Elton, Albert J., ... The Dalles
Erskine, Charles Wesley, ... Springfield
Evans, William Alexander, ... Junction City

Farrar, Gladys A., ... Salem
Ferdine, Blanche Ellaine, ... Grants Pass
Foshay, Mary, ... Albany
Fountain, Edwin Ray, ... Klamath Falls
Fullerton, Kate, ... Roseburg

Gallogly, Elizabeth, ... Oregon City
Gallogly, Lorene Maude, ... Oregon City
Galloway, Francis Vernon, ... McMinnville
Gardner, Curtis, ... British Columbia
Gibson, Robert R., ... Eugene
Gilles, Verner A., ... Forest Grove
Gittens, Margaret A., ... Salem
Glafke, William Harley, ... Portland
Goddard, Mary Lela, ... Portland
Goff, Laura Adele, ... Hood River
Goodman, Dean Trueman, ... Pendleton
Graham, Hazel, ... Portland
Grout, Benjamin, ... La Grande

Hadley, Winifred, ... Eugene
Halley, Earl George, ... Baker City
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Hammack, Roy Wallace, ... Harrington, Washington
Hammond, Robert B., ... Ashland
Hampton, Harry A., ... Portland
Handman, Max Sylvius, ... Portland
Hansen, Ruth, ... Portland
Hardin, D. Ernest, ... Prineville
Harding, Nieta Natalie, ... Oregon City
Harrold, Howard, ... Newberg
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Hendricks, Robert Hamilton, ... Fossil
Henderson, Kathleen Ermine, ... Eugene
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Hickson, Robert Edward, ... Portland
Hidalgo, Augusto, ... Manila, P. I.

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Houston, Harvey Allen, ... Missoula, Montana
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Hughes, Helena, ... Portland
Huggins, William Barber, ... Portland
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Humphrey, Eda Claire, ... Eugene
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Huntington, Benjamin, Jr., ... Yoncalla
Hurd, Marean Granville, ... Eugene
Hurd, Leland C., ... Eugene
Hurley, Jessie Lorena, ... Portland
Huston, Oliver Bruce, ... Portland
Huston, Ella Blanche, ... Portland

Irvin, Lilla Lydian, ... Aurora

Jackson, Andrew W., ... Bandon
Jackson, Oney Gustav, ... Astoria
Jamison, Harper W., ... Portland
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Johnson, Ethel May, ... Eugene
Johnson, Faith, ... Creswell
Johnson, Wistar Wayman, ... Eugene
Jones, Earnest Eugene, ... Eugene
Jones, Robert W., ... McMinnville

Kays, Leone Bell, ... Eugene
Keny, Dan J., ... Baker City
Kelly, Roy W., ... Oregon City
Kelly, Winifred Cheshire, ... Eugene
Kelly, France Elizabeth, ... Eugene
Kent, Mary Emma, ... Eugene
Kerns, LeRoy ..., ... Eugene
Kerr, Ray, ... Eugene
Kerr, Alice Winifred, ... Eugene
Kerr, Arthur Frederic, ... Springfield
Kestly, Grover J., ... Roseburg
Kidder, Bessie May, ... La Grande
Kilpatrick, Earl, ... Portland
Kiltz, William Charles, ... Portland

Poysky, George J., ... Astoria
Raffety, Harry Logan, ... Portland
Ramp, Floyd C., ... Brooks
Rankin, Merwin, ... Portland
Rankin, Ormond, ... Portland
Ray, Ward L., ... Waynesburg, Pennsylvania
Reid, Paul William, ... Portland
Reid, Sarah Virginia, ... Baker City
Richardson, Joel H., ... La Grande
Riddell, George Xenophon, ... The Dalles
Risley, Emily Olivia, ... Roseburg
Robinson, Addie Edith, ... Wilderville
Robinson, Kirkman K., ... Wilderville
Robinson, Claudius Carrol, ... Wilderville
Robinson, Gracia Aneta, ... Portland
Robinson, Helene, ... Eugene
Robinson, Sam James, ... Portland
Rolfe, Mark Dresser, ... Eugene
Ross, Clarence W., ... Lebanon
Rothrock, Mary, ... Pendleton
Rounds, Harold Judson, ... Portland
Rountree, Robert C., ... Portland
Rueter, William ..... Portland
Sage Estelle Mae, ... Eugene
Scaife, Ethel May, ... Eugene
Schafer, Charles Adolph, ... Portland
Schumacher, George Herbert, ... Baker City
Scott, Glenn Edmiston, ... Pendleton
Scott, Mary E., ... Independence
Scullen, Alfred Willard, ... Ashland
Scullen, Herman A., ... Ashland
Service, Maude L., ... Baker City
Sharpe, Ethel, ... Portland
Shaver, Isolene, ... Portland
Shelton, Myrtle May, ... Baker City
Sherk, Everett H., ... Portland
Shirk, Harrison K., ... Eugene
Simington, Irene, ... Astoria
Skipworth, Mary Elizabeth, ... Eugene
Showers, Loretta, ... Portland
Slauson, Jean Catharine, ... Portland

Smith, Sidney Ben, ... Eugene
Smith, Edgar William, ... Pendleton
Snow, Charles MacC., ... Portland
Steele, Clarence A., ... Portland
Steelquist, Reuben, ... Portland
Steiwer, Leland, L., ... Fossil
Steiwer, Karl, ... Jefferson
Stevenson, Agnes, ... Klamath Falls
Stevenson, Donald McCornack, ... Klamath Falls
Storie, Elmer Henry, ... Pendleton
Strong, Earl Frank, ... Roseburg
Sullivan, Florance Francis, ... Oregon City
Sullivan, George Eugene, ... Oregon City
Swift, Frank Houston, ... Pleasant Hill
Svarverud, Van, ... Eugene

Talbert, George, ... Milton
Taylor, W. Ray, ... The Dalles
Terry, Roy Keats, ... Portland
Tiffany, Mabel A., ... Eugene
Townsend, Thomas R., ... Roseburg
Travillion, Claire Edmund, ... Baker City
Travis, Emma Marie, ... Eugene
Van Dusen, Arthur, ... Astoria
Van Duyn, Agnes Belle, ... Eugene
Van Valzah, Shannon Laurie, ... Springfield
Van Waters, Miriam, ... Portland
Van Scoy, Paul, ... Eugene
Veatch, John Currin, ... Cottage Grove
Vogel Rachel Anita, ... Pendleton
Voigt, Victor William, ... Voigt's Camp, British Columbia
Walker, Ray M., ... Independence
Walsh, Raymond, ... Portland
Warner, Albert Wallace, ... Pilot Rock
Warner, Charles T., ... Oregon City
Watson, Mary Elizabeth, ... Eugene
Watson, Edwin Morgan, ... Eugene
Wattenburg, Wilfred, ... Fossil
Weinhart, Eva, ... Eugene
West, Sadie E., ... Eugene
Wetterborg, H. A., ... Portland
Whealdon, Clarence Leroy, ... Shedds

Wheeler, Harvey Arnold, ... Mapleton
Whipple, George Roach, ... Eugene
White, Laura Adelle, ... Cottage Grove
Williams, Angeline, ... Oregon City
Williams, Beman Burke, ... Eugene
Williams, Benjamin Harrison, ... Eugene
Williams, William Gwynn, ... Eugene
Willoughby, Paul R., ... Eugene
Willson, Adelbert, ... Baker City
Willson, Oral, ... Baker City
Wire, Wesley M., ... Eugene
Wold, Clara Petra, ... Eugene
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Wood, William H., ... Astoria
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Young, Frances Packard, ... Eugene
Zacharias, Charles Roy, ... Westley, California

SCHOOL OF MUSIC

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Downing, C. C., ... Ashland
Dodson, Ralph, ... Baker City
Hayes, Sue, ... Baker City
Hunt, Addie, ... Springfield
Henderson, L. A., ... Hood River
Huff, Hazel, ... Eugene
Jamieson, Harper ..... Portland
Mount, Grace, ... Eugene
Mulkey, Veda, ... Eugene
Needham, Oliver, ... Eugene
Nottingham, Jessie ..... Portland
Noyes, Sadie, ... Portland
Neal, Una, ... Eugene

Neal, William, ... Eugene
Prescott, Bert, ... Baker City
Prosser, Lila, ... Eugene
Pipes, Mrs. John, ... Eugene
Smith, Mrs. George H., ... Eugene
Simington, Irene, ... Astoria
Shumate, Kathleen, ... Eugene
Steelquist, R. U., ... Grants Pass
Travis, Mrs. Lee, ... Eugene
Williams, Burke, ... Eugene
Young, Miss M., ... Eugene

PIANO

Abrams, Lucile, ... Eugene
Anderson, Irene, ... Eugene
Anderson, Truman, ... Eugene
Buster, Edna, ... Alsea
Bean, Robert, ... Eugene
Chambers, Mary, ... Eugene
Calkins, Jeanette, ... Eugene
Calvin, Winnie, ... Halsey
Driver, Lena, ... Lewiston, Idaho
Dorris, Bertha, ... Eugene
Dunn, Dorothy, ... Eugene
Emerson, Margaret, ... Eugene
Emmons, Richard, ... Hood River
Goff, Adele, ... Eugene
Glen, Harold, ... Eugene
Griffin, Leone, ... Eugene
Gillett, Albert, ... Eugene
Gaby, Mrs. C., ... Eugene
Hales, Beatrice, ... Eugene
Humphrey, Hazel, ... Eugene
Harmon, Mrs. M. O., ... Eugene
Howard, Francis, ... La Grande
Huff, Pearl, ... Eugene
Hill, Esther, ... Eugene
Hendershott, Miss E., ... Eugene
Harroun,, Emma, ... Engene
Hyland, Grace, ... Pendleton
Johnson, Edith, ...

Kelly, Jean, ... Eugene
Koppe, Nellie, ... Eugene
Launcefield, Georgia, ... Amity
Lounsbury, Leatha, ... Eugene
Lill, Myrtle, ... Eugene
Mulkey, Nellie, ... Eugene
Moore, Harvard, ... Portland
McAlister, Ella, ... Eugene
Mount, Grace, ... Eugene
McAlister, Cecilia, ... Eugene
Marsh, Mrs. W. P., ... Eugene
Nottingham, Jessie, ... Portland
Oberteuffer, Frances D., ... Portland
Obrien, Teressa, ... Eugene
Patterson, Harriet, ... Eugene
Perry, Jennie, ... Pendleton
Potter, Pauline, ... Eugene
Quackenbush, Veda, ... Eugene
Richardson, J. H., ... La Grande
Russell, Miss M., ... Eugene
Ruble, Ruth, ... Eugene

Simington, Irene, ... Astoria
Service, Maude, ... Baker City
Shumate, Kathleen, ... Eugene
Slater, Bertha ..... Eugene
Stafford, Esther, ... Eugene
Starr, Grace, ... Eugene
Stewart, Mrs. Henry, ... Eugene
Steward, Irene ..... Eugene
Strawn, Mrs., ... Eugene
Sterner, Hallie ..... Eugene

Watson, Katherine, ... Eugene
Watkins, Ina, ... Eugene

THEORY

Anderson, Irene, ... Eugene
Anderson, Truman, ... Eugene
Driver, Lena, ... Halsey
Mount, Grace, ... Eugene

SCHOOL OF MEDICINE

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Adix, H. V., ... Portland
Akin, Otis Franklin, ... Portland
Archambeau, Ruby Lorena, ... Portland
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Babcock, Helen B., ... Seattle, Washington
Betman, Adelbert ..... Portland
Bevis, Earl M., ... Condon
Blair, J. Bennett, ... Camas, Washington
Brown, Elwin, ... Tacoma, Washington
Burdon, Minnie, ... Anacortes, Washington
Bursell, A., ... Central Point
Butler, Willis Dale, ... Monmouth

Carl, George G., ... Pendleton
Cathey, Geo. A., ... Corvallis
Chaney, Fred R., ... Portland
Child, H. T., ... Franklin Falls, New Hampshire

Darby, James Albert, ... Pomeroy, Washington
Darrow, Blanche, ... Portland
Davis, Ralph Ferrein, ... Portland
Delaney, Julia E., ... Dallas
Dinsmore, Jno. B., ... Eugene
Drake, Elizabeth, ... Seattle, Washington
Eastland, Herbert C., A. B., ... Eugene
Forrest, Merle Verne, ... McMinnville
Fox, T. J., ... Marshfield

Gale, Arthur, ... Baker City
Gambee, Edwin E., ... Santa Clara, California
Gaunt, George G., ... Clemont, Iowa
Graham, James Patterson, ... Portland
Griffith, Carl C., ... Macleay
Haile, Homer Brown, ... Pomeroy, Washington
Hendershott, H. M., ... Portland
Hoffman, C. J., ... Portland
Holt, R., ... Portland
Hugh, Louie, ... China
Jessop, Donald Henry, ... Portland
Johnson, Leslie Lloyd, ... Portland

Jones, Marion J., ... Portland
Kaiser, W. F., ... Portland
Kane, J. Edward, ... Pennsylvania
Kerron, Seth M., A. B., ... Portland
Killingsworth, Wm. Jr., ... Portland
Kinney, A. M., ... Astoria
Kyde, S. M., ... Spokane

Lamb, H. S., A. B., ... Eugene
Leeston-Smith, Fred M., ... Portland
Lieser, Miles M., ... Vancouver, Washington
Lieser, Herbert C., ... Vancouver
Liscum, C., ... Portland

Manion, Lorne, ... Portland
Maki, Emma R., ... Wisconsin
Martin, E. H., ... New York
Martin, F. A., ... University Park
McCauley, J. Frank, ... Portland
McCullom, J. W., ... Hamilton, Ontario
Medernach, Harry A., M. D., ... Pendleton
Miller, William J., B. S., ... Eugene
McCully, Claude B., ... Milton
Morrow, E. V., ... Portland
Morse, W. N. ..... Oregon City
Murphy, Joseph Thomas, ... Woodburn

Norden, Ben L., ... Portland

Patton, Wm. L., ... Portland
Pearson, Shurl Raymond, ... Salem
Pratt, F. S., ... Seattle

Rahal, Carl, ... Tacoma
Reames, Clara V., ... Astoria
Regan, Anna M., ... Portland
Riggs, George E., ... Vancouver, Washington
Rosenthal, Samuel E., ... Portland
Russell, Homer E., ... Seattle
Rue, H. A., ... St. Johns
Rybke, Charles Leicester, ... Portland

Sargeant, Albert, ... Chehalis
Smith, B. E., ... Portland

Smith, Wm. E., ... Albany
Spurrier, Ravena Lot, ... Portland

Thomas, Jno. S., ... Seattle

Vigneaux, M. J., ... Nelson, B. C.,

Wilcox, Clair C., ... Goldendale, Washington

SCHOOL OF LAW

SENIORS

Aistrop, Robert M., ... Lewiston, Idaho

Back, Seid Jr., ... Portland

Carter, L. E., ... Portland
Carter, M. F., ... Portland
Clark, Virgil, ... Oregon City
Craib, J. E., ... Portland
Crigler, Della B., ... Portland
Cronan, John E., ... Portland

Daniel, H., ... Portland
Davis, G. L., ... Vancouver, Washington
DeArmond, H. L., ... Grants Pass
DeGraff, Charles W., ... Portland

Everson, F. I., ... Hillsboro

Gronnert, Frederick J., ... Portland

Hart, Wm. H., ... Portland
Hendershott, E. E., ... Portland
Hickey, Oliver M., ... Portland
Howard, C. V., ... Portland

Johnson, E. L., ... Portland
Jorgensen, Victor H., ... Portland

Kennel, Wm., ... Portland

Livingston, C. D., ... Crawfordsville, Iowa
Lynch, Ella Crim, ... Portland

McArthur, G. W., ... Portland
McCurtain, Allen H., ... Portland
McGinnis, Frank E., ... Portland
McKinzie, John H., ... Portland
Morris, T. M., ... Walla Walla

O'Gorman, T. A., ... Portland
Orth, E. M., ... Portland

Prendergast, W. J., ... Portland

Reid, A. S., ... Portland
Riddel, A. G., ... Portland

Searle, R. S., ... Portland
Shivley, W. B. Jr., ... Oregon City
Stadler, R. B., ... Portland
Starr, J. K., ... Portland
Studebaker, C. A., ... Castle Rock, Washington
Sullivan, F. A., ... Portland
Swartz, M. D., ... Portland
Swope, F. E., ... Portland

Wheelock, A. E., ... Monmouth
Williams, E. D., ... Portland

JUNIORS

Anderson, Alfred A., ... Astoria

Behrman, Leon W., ... Portland
Bryant, John C., ... Portland
Buckman, Wilda, ... Portland
Bump, Daniel, ... Cottage Grove
Baker, Geo. L., ... Portland

Conklin, Willard M., ... Portland
Catlow, C. E., ... Portland
Christensen, C. D., ... Portland

Down, Robert H., ... Silverton
D'Arcy, James F., ... Portland
Dawson, William A., ... Portland

Foley, John C., ... Portland
Fliedner, W. Louie, ... Portland

Gray, Clyde E., ... Portland

Humphreys, Lester W., ... Portland
Hull, Oliver Lee, ... Portland
Hicks, Claude E., ... Portland
Harding, Doran B., ... Portland
Hartman, Fred L., ... Portland

Johnson, Geo. C., ... Portland

Keck, Herman H., ... Portland
Kato, Shosaburo, ... Japan

Mathews, David P., ... Oregon City
Macleod, Donald, ... Portland

Orton, A. W., ... Portland
O'Conner, Mrs. Mattie, ... Portland

Pearson, A. W., ... Portland

Rogers, Alton, ... Portland
Rybke, Ben, ... Portland

Slater, James F., ... Pendleton
Slovarp, Emil P., ... Portland
Smith, Elmer E., ... Portland
Smith, Stanley C. E., ... Portland
Smith, Lawrence B., ... Portland
Stevens, Orville A., ... Montavilla

Taylor, Ira, ... Portland
Takahashi, Mitsuki, ... Japan

Woerndle, Joseph, ... Portland

SUMMARY OF OFFICERS AND INSTRUCTORS

Administration—		
Other Administrative Officers	13	22
Regents	9	
Instruction—		
Academic Colleges and Schools:		
Professors and Assistant Professors	19	
Instructors and Assistant Instructors	16	
School of Music	4	
School of Medicine	35	
School of Law	17	91
		113
Deducting for names appearing more than once		10
Total Officers and Instructors		103

SUMMARY OF STUDENTS

Graduate School		6
College of Literature, Science, and the Arts—		
Men	138	
Women	117	255
College of Engineering—		
Civil Engineering	41	
Mining Engineering	18	
Electrical Engineering	15	
Mechanical Engineering	5	79
School of Law—		
Juniors	39	
Seniors	43	82
School of Medicine		81
School of Music—		
Piano	61	
Voice	32	
Theory and Harmony	4	97
		600
Deduct for names appearing more than once		30
Total students in all departments		570
Total officers, instructors and students		673

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