

BULLETIN
OF
WILLAMETTE
UNIVERSITY

ANNOUNCEMENTS

VOLUME II.

FALL OF 1904

NUMBER 1

SALEM, OREGON, SEPTEMBER, 1904

WILLAMETTE UNIVERSITY.

CALENDAR FOR CURRENT QUARTER.

1904.

September 26-28—

Registration and Classification.

Entrance Examinations.

September 27—

First Semester Opens.

September 29—

Class-work Begins.

October 4—

Formal Opening.

November 24, 25—

Thanksgiving Recess.

December 21—

Christmas Vacation Begins.

1905.

January 4—

Class-work Resumed.

COLLEGES AND SCHOOLS.

The University comprises the following schools and colleges, all located at Salem:—

1. College of Liberal Arts.
2. Preparatory School.
3. Normal School.
4. College of Oratory.
5. College of Music.
6. College of Art.
7. College of Law.
8. College of Medicine.
9. College of Theology.

COLLEGE OF LIBERAL ARTS, PREPARATORY SCHOOL AND NORMAL SCHOOL.

DATE OF OPENING.

After long consideration and careful inquiry, the opening date of the college year has been changed to the last Tuesday in September. For the year 1903-4 the first semester opened September 29. In the year 1904-5 the opening day will be September 27.

REGISTRATION.

It is very important that students register promptly upon the opening day of the semester. Upon arrival at the University, students should report first to the Registrar. Permission to enroll in any class will be granted only upon presentation of a satisfactory receipt from the Registrar's office. Regular attendance upon all exercises is required from the first day of the semester.

TUITION AND FEES.

Tuition is as follows:—

	Per Semester.	Per Year.
College of Liberal Arts.....	\$22.50	45.00
Preparatory School	18.00	36.00
Normal School	18.00	36.00

No rebate will be given any student entering after the first day of the semester.

Children of ministers in the regular work of the ministry, and students preparing for the ministry, pay one-half the regular tuition.

All laboratory courses are subject to laboratory fees.

All tuition and fees are payable in advance.

COMPLETION OF WORK.

A student is held responsible for the satisfactory completion of all work undertaken by him. Students will be promptly notified of delinquency in any work.

RELIGIOUS LIFE.

The University is Christian, not sectarian, and fosters every influence and means which promote the spiritual welfare of its students.

Each student is required to attend Divine service every Sunday morning at the church of his own choice. Attendance daily at Chapel is required.

REPORTS.

At the close of each semester, a report of the progress, deportment and general standing of each student is mailed to the parent or guardian. This report is intended to convey a definite idea of the work accomplished by the pupils. At the close of the sixth and twelfth weeks of each semester, reports of progress are also sent to parents and guardians. Parents who may wish further information than that contained in the report, are requested to consult with the President personally or by letter.

COLLEGE OF LIBERAL ARTS.

FACULTY.

John Hamline Coleman, D. D., President.

Willis C. Hawley, A. M., LL. B., Dean, Professor of History, Economics and Constitutional Law.

James Thomas Matthews, A. M., Professor of Mathematics.

Mary Emma Reynolds, B. S., Professor of Pedagogy.

William Prentiss Drew, A. M., B. D., Professor of Greek and Latin.

William H. McCall, A. M., Professor of Modern Languages.

Charles Addison Dawson, A. M., Professor of English Language and Literature.

Sara Brown Savage, O. M., Professor of Oratory and Dramatic Expression.

Charles Oliver Boyer, A. B., Professor of Physics and Biology.

William H. Mahaffie, Ph. D., Assistant Professor of Chemistry and Geology.

Loran A. Kerr, A. B., Registrar and Secretary of Board of Trustees.

Mrs. Edwin T. Judd, Dean of Young Women's Hall.

Mary Field, A. B., Librarian and Instructor of Greek and Latin.

Howard H. Markel, Physical Director.

COURSES AND DEGREES.

The College offers three courses:—

1. The Classical, leading to the degree of A. B., requiring Greek and Latin.
2. The Scientific, leading to the degree of B. S., and admitting of three possible combinations of Science and Language.
First, Science with Classical Language and Literature.
Second, Science with Modern Language and Literature and Latin.
Third, Science with Modern Language and Literature.
3. The Literary or English, leading to the degree of B. L., with choice of foreign Language, emphasis upon Language, History, Philosophy.

REQUIREMENTS FOR ENTRANCE.

Numerals in the following outline refer to corresponding numerals under Character of Entrance Requirements.

A. *For all Courses.*

I. English.

a. Composition I. and II.

b. Literature.

II. Mathematics (a) and (b).

V. History (a), (b) and (c).

VI. Science (d) also (a) or (b) and (c).

B. *Additional for Classical.*

III. Latin (a), (b), (c) and (d).

IV. Greek (a) and (b).

C. *Additional for Scientific.*

III. Latin (a), (b), (c) and (d).

NOTE.—Greek, German or French may be offered as a substitute for all or a part of the Latin, in which case this Latin (a), (b) and (c) must be completed in the College.

One from the following:

IV. Greek (a) and (b).

VII. French (a) and (b).

VIII. German (a) and (b).

D. *Additional for Literary.*

Five from the following, two courses in one language and three in another:—

III. Latin (a) or (b) or (c) and (d).*

IV. Greek (a) or (b) or (c).*

VII. French (a) or (b) or (c).*

VIII. German (a) or (b) or (c).*

*NOTE.—If Greek, French or German (c) is offered, additional elective equivalent to at least two hours per year for one year must be offered.

CHARACTER OF ENTRANCE REQUIREMENTS.

The texts named in connection with the various entrance groups are recommended; but in all cases equivalents of these will be accepted.

However, the completion of a course is determined strictly by the quality of work done.

I. *English.*

a. English Composition.

I. The candidate must give evidence of ability to write exercises correct in spelling, punctuation, sentence structure and paragraphing.

The examination in this subject will consist of short paragraphs upon:—

1. Topics drawn from the student's own experience.
2. Selected topics from the list of books scheduled below for examination in English Literature.

II. The candidate must also be grounded in the fundamentals of Rhetoric.

The presentation of exercise books, certified by the teacher, containing at least six original exercises written in class and not rewritten, if not more than two are of class (2) above, will be an equivalent of this examination.

b. English Literature.

I. Elementary.

The examination in this subject presupposes a general knowledge of the books set for the examination, such knowledge as the student should get from the reading of any book.

1. The candidate will be tested upon reading aloud.
2. Short paragraphs will be required upon a few topics selected by the candidate from a list set for examination.

1903-04-05; Shakspeare's *Merchant of Venice* and *Julius Caesar*; The *Sir Roger de Coverley Papers* in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

II. Advanced.

The examination presupposes a detailed study of the books listed below, with a knowledge of their historical place in English Literature.

1903-04-05; Shakspeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Johnson*; Gray's *Elegy*; Wordsworth's *Tintern Abbey* and *Ode to Duty*.

NOTE.—Substitutes may be offered by students from approved schools, such substitutes selected from the following: Lowell's *Literary Essays*; Ruskin's *Sesame*; Selections from Bacon's *Essays*; Selections from the *Psalms*; *Book of Job*. We recommend class reading of recent American and English choice prose and poetry.

II. Mathematics.

- (a) Algebra including quadratics.

Wells' Essentials, Beman and Smith's, Wentworth's School.

- (b) Geometry, Plane and Solid.

Such a text as Wentworth, or Phillips and Fisher, or Sanders.

III. Latin.

- (a) Beginning and Composition, 1 year, 5hrs. per week.

- (b) Caesar's Gallic War, four books, and Cicero, four orations again Cataline, or an equivalent.

- (c) Virgil's Aeneid, books 1 to 6 inclusive.

- (d) One year of Prose Composition.

IV. Greek.

- (a) Beginning and Composition, 1 year, 5 hrs. per week.

- (b) Anabasis, four books and Homer's Iliad, three books or an equivalent.

- (c) The equivalent of Xenophon's Memorabilia and Plato's Apology and Crito.

V. History.

- (a) United States, Fiske or Thomas.

- (b) 1. Greek, Botsford; or Eastern Nations and Greece, Myers.

2. Roman, Botsford; Pelham; Allen or Leighton.

3. Mediaeval, Adams.

- (c) American, Channing.

*VI. Science**

- (a) Physics, one full year with such a text as Gage's Elements, Sanford's Elements, Carhart and Chute's Elements, or Hoadley's School Physics; with at least forty experiments.

*NOTE.—A textbook course in science (a), (b) or (c) will not be accepted unless accompanied by a notebook of individual laboratory work satisfactory to the professor in charge and certified to by the candidate's instructor.

- (b) Chemistry, one full year, text such as Williams' or Shepard's Elements, or Remsen's Briefer Course; with at least forty or fifty experiments performed by the candidate.
- (c) Biology, one-half year of Zoology and one-half year of Botany or one full year of combined work.
- (d) Physiology, an equivalent of Blaisdell, Walker, or Martin's Human Body (Briefer Course).

VII. French.

- (a) Three to five hours per week for one year. Fraser and Squair's Grammar, inclusive of a Brief Reader and English Exercises.
- (b) Three hours per week for one year. Dumas' Monte Christo, Sacrey's La Siege de Paris, Racine's Athalie. Advanced French Composition and Syntax.

VIII. German.

- (a) Five hours per week for one year.
 - 1. Joynes-Meissner Grammar to Model Auxiliaries. *Marchen und Erzahlungen Part I.*
 - 2. Grammar to Part II. *Marchen und Erzahlungen I. Composition and II.*
- (b) Five hours per week for one year.
 - 1. Grammar Part II. *Carmen Sylva's Aus meinem Konigreich; Hillern's Hoher als die Kirche; Keller's Bilder aus der deutschen Literatur*, and sight translation.
 - 2. Literature. *Wilhelm Tell.*
- (c) Three hours per week for one year.
 - 1. *Nathan der Weise.* One hour composition work.
 - 2. *Faust.*

REQUIREMENTS FOR GRADUATION.

The amount of work in all departments is stated in semester hours. A semester hour is equivalent to a recitation one hour each week for one semester.

The completion of 128 semester hours is required for graduation in each course. These are distributed as follows: —

	A.B	B.S.	B.L.
Prescribed Studies	58	68	49
Prescribed Elective	6	..	25
Group Elective	32	32	32
Free Elective	32	28	22
	— —	— —	— —
	128	128	128

GROUPS.

All work offered in the college departments is comprehended in the following groups:—

- A. Classical Language and Literature.
- B. Modern Language and Literature.
- C. English and Philosophy.
- D. History and Social Science.
- E. Mathematics.
- F. Bible.
- G. Biology.
- H. Chemistry, Geology, Physiography, Mineralogy, Assaying.
- I. Physics, Mechanical and Architectural Drawing, Mechanics, Engineering and Astronomy.
- J. Oratory, Music, Art, Law, Physical Training.

ELECTIVES.

In each course, besides those studies that are prescribed for all students in that course, a certain amount of elective may be selected from any groups. In the Classical and Literary courses the election of a definite number of hours from certain groups is prescribed. (See tables of courses).

In addition to these, in each course the student must select a major subject and a minor subject.

A major shall consist of twenty semester hours, a minor of

twelve semester hours. All of each must be taken from a single group but both shall not be taken from the same group.

For the Classical Course both majors and minors may be selected from any of the above groups excepting group J.

In the Scientific Course majors and minors may be selected from groups E, G, H and I, and minors from groups A and B also.

In the Literary Course majors and minors may be selected from groups A, B, C, D and F.

All electives must be submitted for approval to the class officer and to the head of the department in which the work is taken.

The following tables present in outline the requirements for graduation in all courses:

CLASSICAL COURSE

	FRESHMAN	hrs. per wk.	Time	SOPHOMORE	hrs. per wk.	Time	JUNIOR	hrs. per wk.	Time	SENIOR	hrs. per wk.	CREDITS†
LATIN	Livy and Horace	3	1 yr	Horace, Cicero or Thucydides, Plato.	3 or 3	1 yr						12 or 6†
GREEK	Homer, Lysias	3	1 yr		3	1 yr						6 or 12
ENGLISH	Composition and Rhetoric	2	1 yr	English Literature	2	1 yr						8
MATHEMATICS	Trigonometry and Advanced Algebra	4	1 yr									8
HISTORY	English	2	1 yr									4
SCIENCE*				*			*			*		*
GERMAN				Beginning.	3	1 yr.	Immediately following Soph. Course.	3	½ yr			9
PHILOSOPHY							Prescribed Course	4	½ yr			4
BIBLE							Prescribed Course	3	½ yr			3
EXPRESSION				Prescribed Course	2	1 yr.						4
ELECTIVES	4 credits.	2		12 Credits.	6		22 Credits.	11		32 Credits	16	70
TOTALS	32 credits.	16		32 Credits.	16		32 Credits.	16		32 Credits	16	128

* Work amounting to at least six credits must be elected in Science.

† A total of eighteen credits must be earned in Latin and Greek.

‡ The word CREDIT means one semester hour, one recitation per week for one semester.

SCIENTIFIC COURSE.

	FRESHMAN	hrs. per wk.	Time	SOPHOMORE	hrs. per wk.	Time	JUNIOR	hrs. per wk.	Time	SENIOR	hrs. per wk.	CREDITS
LATIN												
GREEK	One year of one language	3	1 yr	One year of one language	3	1 yr						12*
GERMAN												
FRENCH												
ENGLISH	Composition and Rhetoric	2	1 yr	Eng. Literature	2	1 yr						8
MATHEMATICS	Trig. and Adv. Algebra	4	1 yr	Analytical Geometry	4	1½ yr						12
HISTORY	English	2	1 yr									4
SCIENCE†	As elected	5	1 yr	As elected	5	1 yr	Selected	3	½ yr			23
PHILOSOPHY							Prescribed course	4	½ yr			4
BIBLE							Prescribed course	3	½ yr			3
EXPRESSION				Prescribed course	2	1 yr						4
ELECTIVES	None			4 Credits			22 Credits			32 Credits		58
TOTALS-----	32 Credits	16		32 Credits	16		32 Credits	16		32 Credits	16	128

*Not less than two years work in any language will be accepted.

†The work in Science additional to any included in the sixty-two credits elective, must be at least the twenty-three credits prescribed.

LITERARY COURSE.

	FRESHMAN	hrs. per wk.	Time	SOPHOMORE	hrs. per wk.	Time	JUNIOR	hrs. per wk.	Time	SENIOR	hrs. per wk.	CREDITS
LATIN												
GREEK	One year each of	3	1 yr	One year of one	3	1 yr						18†
GERMAN	two languages	3	1 yr	language								
FRENCH												
ENGLISH*	Composition and Rhetoric	2	1 yr	Eng. Literature	2	1 yr						8
MATHEMATICS	Trig. and Adv. Algebra	4	1 yr									8
HISTORY*	English	2	1 yr									4
SCIENCE*												*
PHILOSOPHY*							Prescribed courses	4	1½yr			4
BIBLE							Prescribed courses	3	1½yr			3
EXPRESSION				Prescribed course	2	1 yr						4
ELECTIVES*	4 Credits	2		18 Credits	9		25 Credits	12 or 13		32 Credits	16	79
TOTALS-----	32 Credits	16		32 Credits	16		32 Credits	16		32 Credits	16	128

* additional credits must be elected as follows: (Total 25.) English 6, History 6, Philosophy 6, Science at least 7.

†Nothing less than two years work accepted in any language.

GROUP A PROFESSOR DREW

CLASSICAL LANGUAGE AND LITERATURE.

Courses in Latin.

6. Livy, Books XXI. and XXII. Book XXI. will be read thoroughly and a careful consideration of the history of the second Punic War undertaken. Selections from Book XXII. will be read and a translation of the other books of Livy which deal with the Second Punic War.

Required for Freshmen in Classical Course. Three hours per week, first semester. Greenough & Peck's Livy XXI. and XXII.

7. Horace, Selections from the Odes and Epodes. An effort will be made to give the student not only ability to translate Horace readily but an appreciation of the literary qualities as well.

Required for Freshmen in Classical Course. Three hours per week, second semester. Smith's Odes and Epodes of Horace.

8. Tacitus, The Agricola and Germania. Careful and idiomatic translation of the two essays.

Optional with Greek for Sophomores in the Classical Course. Three hours per week, first semester. Gudeman's edition of Agricola and Germania.

9. Plautus and Terence. One play from each author will be read and a general study of Roman Comedy made.

A continuation of Course 8. Three hours per week, second semester.

10. Selections from Latin Prose and Verse. A General Review of Roman Literature, reading from all the most prominent authors, with a study of their lives, times and work.

Elective. Two hours per week throughout the year. Peck and Arrowsmith's Roman Life in Latin Prose and Verse; Mac-Kail's Latin Literature.

11. Lucretius, Books I. and III. The rest of the De Rerum Natura will be read in translation and a study of the religion, style, etc., of Lucretius will be made.

Elective. Two hours per week, first semester. Kelsey's De Rerum Natura.

12. Pliny and Cicero, Rapid reading course. Selections from letters of both authors.

Elective. Two hours per week, second semester.

Courses in Greek.

13. Xenophon: Memorabilia. Translation of the text with some consideration of the life and philosophy of Socrates.

Required for Freshmen in Classical Course. Three hours per week, first semester. Winans' or Smith's edition.

14. Plato: Apology and Crito. Continuation of the study of Socrates' life and work.

Three hours per week, second semester. Dyer's edition.

15. Homer: Selections from the first twelve books of the Odyssey.

Optional with Latin in the Sophomore year of Classical Course. Three hours per week, first semester. Merry's edition.

16. Selections from the Attic Orators, other than Demosthenes.

Three hours per week, second semester. Jebb's Attic Orators.

17. Aeschylus: The Prometheus, Persians and Seven against Thebes. Lectures and discussions on the Greek Tragedy; its development, its influence in both ancient and modern times. The religion, ethics and artistic qualities of Aeschylus. Papers by members of the class.

Elective. Two hours per week throughout the year.

18. Demosthenes: De Corona. The development of Greek oratory. Greek history of the Fourth Century, B. C., with its relation to Demosthenes. Lectures, discussions and papers.

Elective. Two hours per week, first semester.

19. Aristophanes: The Birds. Introduction to Greek Comedy.

Elective. Two hours per week, second semester.

GROUP B—PROFESSOR McCALL.

MODERN LANGUAGE AND LITERATURE.

Courses in German.

1. Beginning German. Five hours per week throughout the year. First semester, Joynes-Meissner's Grammar to Modal Auxiliaries; *Marchen und Erzählungen Part I.* Second semester, Grammar to Part II.; *Marchen und Erzählungen I.* Composition and II.

2. Second Year German. Five hours per week. First semester, Grammar Part II.; *Carmen Sylva's Aus meinem Konigreich*; *Hillern's Hoher als die Kirche*; *Keller's Bilder aus der deutschen Literatur*, and sight translation. Second semester, Literature; *Wilhelm Tell*.

3. Third Year. Three hours per week. First semester, *Nathan der Weise*: One hour composition work. Second semester, *Faust*.

4. Fourth Year. Three hours per week. First and second semester, *Seidel's Leberecht Huhnchen*; *Kleider Machen Leute*; *Richel's Der Fluch der Schonheit*; *Schiller's Ballads*; one hour composition work.

Courses in French.

5. First Year French. Three or five hours per week throughout the year. *Fraser and Squair Grammar*, inclusive of a Brief Reader and English Exercises.

6. Second Year French. Three hours per week. *Dumas' Monte Christo*; *Sarcey's La Siege de Paris*; *Racine's Athalie*; *Advanced French Composition and Syntax*.

GROUP C—PROFESSORS DAWSON AND MATTHEWS.

ENGLISH—PROFESSOR DAWSON.

Composition and Rhetoric.

4. Freshman Rhetoric. A course in Composition and Rhetoric embracing: first, the study of a text in Rhetoric; sec-

ond, practice in Composition and Rhetorical Analysis, based upon specimens of modern English prose.

Baldwin's College Manual of Rhetoric is the text used.

Prescribed for Freshmen in all courses. Two hours a week throughout the year.

5. Advanced Rhetoric. An advanced study of the fundamentals of Rhetoric.

Prerequisite: all prescribed work in English and Logic. Given when elected by a sufficient number.

Literature.

6. Sophomore Literature. This course involves,—first, a running review of the history of English Literature, second, a more careful examination of some one great period, third, the completion during the year of one of the short courses of reading outlined by Professor Winchester.

Texts for first semester: Simonds' History of English Literature, Thayer's Best Elizabethan Plays.

Prescribed for Sophomores in all courses. Two hours a week throughout the year.

7. Shakspeare. A careful reading of several plays. Shakspeare as an artist. Preparation of themes. Independent examination of some piece of criticism.

Prerequisite: all prescribed work in English. Three hours a week.

8. Nineteenth Century. In 1903-04 the study was Browning and Tennyson. In 1904-05 the Idylls of the King will be studied, with especial reference to the development of the legends involved. Lectures, preparation of themes.

Prerequisite, all prescribed work, at least Sophomore standing. Three hours a week, second semester.

Language.

11. History of the English Language.

Required of students taking major in English. One hour per week throughout the year.

12. Old English.

Required of students taking major in English.

PHILOSOPHY--PROFESSORS MATTHEWS AND DAWSON.

13. Psychology. An elementary study of the nervous system and mental processes with application to teaching.

Designed for Normal Students. Three hours per week, second semester. Text: Buell's Psychology.

14. Psychology. The work is a brief outline of the structure of the nervous system, and a study of the more important mental processes.

Required of Juniors in all courses. Four hours per week, first semester. Text: James' Briefer Course in Psychology.

15. Ethics. A thorough study of the fundamental moral conceptions, such as will, motive, intention, law, the good, duty, the right, etc., followed by an introduction to the leading schools of ethics.

Four hours per week, second semester. Text: Mackenzie's Manual of Ethics.

16. Logic. A study of the laws of thinking and principles of knowledge on the basis of Bowne's Theory of Thought and Knowledge.

Prerequisite, prescribed courses in Psychology. Prescribed for Seniors or Juniors in all courses. Four hours a week.

17. History of Philosophy.

Prerequisite, all prescribed work in Philosophy. Two hours a week throughout the year.

GROUP D PROFESSOR HAWLEY.

HISTORY AND SOCIAL SCIENCE.

This department includes under History, that of Greece, Rome, Europe, England and the United States; narrative, political, social, institutional and constitutional history of each will be studied.

Under Social Science is included economics, finance, civil government, political science, sociology and anthropology.

There will usually be a text named, but students will consult other authors and prepare papers, maps, diagrams, and notes.

History.

4. History of Greece. A general course including a study

of the institutions, civilization and art; and the intellectual, religious, social and economic development.

For Sophomores and Juniors. Two hours per week, first semester. Bury's History of Greece.

5. History of Rome. General course including a study of its institutions, civilization, public policy and its influence upon European History. Also the rise, expansion and downfall of the Roman Republic.

Sophomores and Juniors. Two hours per week, second semester. How and Leigh, History of Rome.

6. European History to 1648. A general survey of the political conditions, civilization and social development.

Open to all who have had Course 10. Two hours per week, first semester. Robinson's History of Western Europe.

7. European History, 1648—1789. Continuation of Course 6.

Open to all who have had Course 10. Two hours per week, first semester.

8. Revolutionary Period, 1789—1815. Continuation of Courses 6 and 7. The history of Europe and of France during this important period. For Courses 7 and 8 the text is Schwill's History of Modern Europe.

Open to all who have had Course 10. Two hours per week, second semester.

9. European History since 1815. Mainly a political history leading up to the present day problems: reaction, nationalism, creation of modern states, the Eastern Question and general public relations, social and economic progress; rise of constitutional government.

Open to all who have had Course 10. Two hours per week, second semester. Andrews' Historical Development of Modern Europe.

10. History of England. Largely a narrative course, but including the study of natural development, the relations with Europe and with the dependencies; also its institutions and its constitutional development.

Required of all Freshmen. Two hours per week, both semesters. Andrews' History of England.

11. English History since the Reformation.

Open to those who have had Course 10. Two hours per week, both semesters.

12. American History to 1787. Nature and objects of colonies; character and purposes of the colonists; the political, economic and social development of the colonies; the causes and process of the Revolution.

For Juniors and Seniors. Three hours per week, first semester. Fisher, *The Colonial Era*; Sloane, *The French War and the Revolution*.

13. American History Since 1787. The political and constitutional history of the United States; the formation of the Union, rise and growth of parties, development of democracy, influence of westward expansion and of slavery and American political theories.

For Juniors and Seniors. Three hours per week, second semester. Schouler, *History of the United States*. A lecture course. For Courses 12 and 13 the handbook will be Channing and Hort's *Guide to American History*.

14. American Political Parties. Their origins, growth, policies and services.

For Sophomores, Juniors and Seniors. Two hours per week, second semester. Johnston, *American Politics*. A lecture course.

15. History of American Diplomacy. A study of negotiations, treaties, arbitrations and congresses, as well as of our political relations in general with the rest of the world.

For Seniors. Two hours per week, first semester. Foster, *A Century of American Diplomacy*.

16. History of Oregon. Early relation to American history and policy; its settlement and development as a state. A course for practical investigation.

For Sophomores and Juniors. Two hours per week, second semester.

17. History of Germany.

18. History of France.

These Courses are similar in character to Course 10. Two hours per week, for Sophomores and Juniors.

19. The Party System. A course in the study of party organization in the United States.

For Juniors and Seniors. Two hours per week. Macy's Party Organization.

20. European Governments.

For Juniors and Seniors. Two hours per week. Lowell's Governments and Parties in Continental Europe.

Social Science.

21. Economics. Elements of economics.

For Sophomores and Juniors. Two hours per week, both semesters. Seager, Introduction to Economics.

22. Economics. An advanced course.

For Juniors and Seniors. Two hours per week, both semesters. Hadley, Economics.

23. Public finance. An exposition of the principles of public finance; revenue, expenditure, public credit, taxation and financial history.

For Seniors. Three hours per week, first semester. Adams, Finance.

24. Financial History of the United States. A study of Federal finance; the tariff, internal revenue, banks, coinage, internal improvements, paper money, taxation and the public debt.

For Juniors and Seniors. Two hours per week, first semester. Dewey, Financial History of the United States.

25. Industrial History of the United States.

For Juniors and Seniors. Two hours per week, second semester.

26. Government of the United States. Formation and development of the early political institutions of the United States, their later developments and their methods of practical work; the historical development of certain important American political ideas, such as federation, freedom of the individual, expansion.

Primarily for Seniors. Three hours per week, second semester. Hinsdale's The American Government.

26a. The American Constitutional System. A study of the

principles or philosophy of our constitutional system. Willoughby's *American Constitutional System*.

27. Government in England. A study of the development of popular government under the cabinet system, and the administration of government in England.

Primarily for Juniors and Seniors. Two hours per week. Moran's *The English Government*.

28. International Law. Diplomacy and world politics.

For Seniors. Three hours per week, first semester.

29. Political Science. A study of the fundamental principles of politics as illustrated in the formation and modification of political society.

For Seniors. Two hours per week, first semester.

30. Course in Debate. Debates on public questions; preparations of briefs, and the development and presentation of argument.

Primarily for Juniors and Seniors. One hour per week, both semesters.

31. Principles of Sociology. A study of essentials; nature of society; social forces and environments.

For Seniors. Three hours per week, first semester. Giddings, *Principles of Sociology*.

32. Anthropology. A general course; man as related to other animals; origin of man, prehistoric races, language and race; writing, arts of life, amusement and primitive culture, including folk-lore, myths, religious cults and primitive society.

For Seniors. Two hours per week, second semester. Tyler, *Anthropology*, and Deniker, *The Races of Man*.

GROUP E—PROFESSOR MATTHEWS.

MATHEMATICS.

3. College Algebra. A study of the fundamental ideas and laws, quadratics, surds, imaginaries, ratio and proportion, binomial theorem, logarithms, variables and limits, the theory of equations.

Prerequisite, Course 1. Four hours per week, first semester. Text: Wentworth's *College Algebra*.

4. Trigonometry. The general formulas of plane trigonometry; the theory of logarithms and the use of logarithmic tables; applications to the numerical solution of triangles and simple problems in heights and distances; applications to astronomy and navigation; De Moivre's formula.

Four hours per week, second semester. Text: Wentworth's Plane Trigonometry.

5. Analytic Geometry. Including the straight line, circle, parabola, ellipse, hyperbola and some higher curves. The amount of work accomplished varies with the ability of the class.

Prerequisites, Courses 1, 2 and 4. A desirable preparation is Course 3. Four hours per week, first semester. Text: Ashton's Analytic Geometry.

6. Differential Calculus. Limits, indeterminate forms, series, differentiation, with applications to practical problems.

Four hours per week, second semester. Text: Murray's Infinitesimal Calculus.

7. Analytic Geometry completed.

8. Integral Calculus.

GROUP F--PROFESSOR DAWSON.

BIBLE.

1. Biblical Literature. A course comprehending an examination of the literary forms represented in the English Bible as related essentially to the matter and purposes of the various books. With this is combined a study of the growth of our English Bible with its relation to English Literature.

GROUP G—PROF. BOYER AND ASSISTANT PROF. MAHAFFIE.

BIOLOGY.

1. Zoology. A general course in Elementary Zoology.

Required for second year Normal students. Elective for College students. Three hours per week, first semester. Orton, Text.

2. Botany. A general course in Elementary Botany.

Required for second year Normal students. Elective for College students. Three hours per week, second semester. Bergen, Textbook.

3. Biology. An advanced course in Biology. The work will include lectures, recitations and laboratory work.

Recitations three hours per week during year. Parker, Textbook.

4. Advanced Physiology.

GROUP H—PROF. BOYER AND ASSISTANT PROF. MAHAFFIE.

CHEMISTRY, GEOLOGY, MINERALOGY, PHYSIOGRAPHY, ASSAYING.

2. Chemistry. General Descriptive Chemistry, including an introduction to Qualitative Analysis.

Five hours per week throughout the year.

3. Chemistry. Qualitative Analysis.

Three hours per week, first semester. Remsen, Textbook.

4. Chemistry. Quantitative Analysis.

Three hours per week, second semester. Remsen, Textbook.

5. Geology. An introduction to general descriptive Geology. Lectures, recitations and field work. Some time will be given to the study of the economic Geology of our state.

Four hours per week, second semester. Le Conte, Textbook.

6. Mineralogy. Descriptive and Determinative Mineralogy. Lectures and recitations.

Four hours per week, first semester. Dana, Textbook.

7. Assaying. Laboratory.

Five hours per week, second semester.

GROUP I—PROFESSOR BOYER.

PHYSICS, ETC.

1. Physics. Elementary Normal Physics. Recitations and laboratory work.

Required for third year Normal students. Elective for College students who offer Chemistry 1 for admission. Four

hours per week throughout the year. Avery's Elements of Natural Philosophy.

2. Advanced Physics. Studies in mechanics, heat, light, sound, magnetism and electricity. Laboratory work throughout the year. Carhart and Chute.

3. Electricity. Electric lighting, dynamo and motor building. Three hours per week during second semester. Thompson, Textbook.

GROUP J (I.)—PROFESSOR SAVAGE.

ORATORY.

1. Physical and Voice Culture. Rendering, critical study of English poetry, the great English and American orators. Recitation and original oration.

Required of all Sophomores. Two hours, both semesters. Textbooks: Shakspeare, Julius Caesar; Emerson, Sixteen Perfective Laws in Art.

2. Physical and Voice Culture. Advanced rendering, applied gesture, bearing, dramatic attitudes, construction of gesture, translating of gesture at sight, extemporaneous speaking, Bible and hymn reading.

Open to Juniors and Seniors. Two hours, both semesters. Textbooks: Shakspeare, Macbeth (subject to change); Emerson Sixteen Perfective Laws in Art.

3. Dramatic Expression.

Elective for College students. One hour per week, second semester. Shakspeare's plays, and Modern English Drama.

Special courses for advanced work in the theory and philosophy of expression will be arranged at the opening of the school year.

GROUP J (II.)—MR. MARKEL.

PHYSICAL TRAINING.

Recognizing that physical training is an essential element in the education of students, the University has provided special

courses for both the young men and the young women. Attention is given to the various organs and muscles of the body, to develop harmoniously and systematically all its parts.

1. For Young Women. Free gymnastics (all work without appliances), light gymnastics (dumb-bells, Indian clubs, wands, poles and balls), corrective and developing work.

Required for all Third Year Preparatory and Normal, Freshman and Sophomore young women. Elective for others. Two hours per week, both semesters. Credit will be given only after three years' work in the University Gymnasium.

2. For Young Men. Calisthenics, hand apparatus, i. e. dumb-bells and Indian clubs; heavy apparatus, i. e. horizontal bar, parallel bars, rings; recreative games.

Required for all third year Preparatory and Normal, Freshman and Sophomore young men. Two hours per week, both semesters. Credit will be given only after three years' work in the University Gymnasium.

Failure to complete the required work in any semester involves the forfeit of one credit earned elsewhere.

PREPARATORY SCHOOL.

ENTRANCE REQUIREMENTS.

The candidate must be at least thirteen years of age and must pass satisfactory examinations in:—

United States History,
Advanced and Mental Arithmetic,
Physiology,
Advanced Grammar and Spelling,
Reading,
Descriptive Geography.

Such examinations are based upon the texts named in connection with those branches.

By consent of the Faculty such examinations may be deferred, with the understanding that, if the student shows a deficiency in his knowledge of any of these subjects, he must discontinue a suitable portion of his work in the Preparatory School, and enter the Sub-normal classes offering the branches in which he is deficient.

COURSES.

The purpose of the Preparatory School is to supplement the work of the public high schools in preparing students for entrance to the College classes.

An examination of the schedule of courses offered will show a student coming from a high school about what rank he would receive. Comparison of these courses with the entrance requirements to Freshman rank will give the possible alternatives in making up standings for entrance to the college, and also the amount of work required upon subjects offered for entrance.

The Preparatory School offers three courses:—

Classical, with Latin and Greek;

Scientific, with Latin and one language elective;

Literary, with language elective.

The schedules are as follows:—

CLASSICAL COURSE.

	FIRST YEAR	hours per week	SECOND YEAR	hours per week	THIRD YEAR	hours per week	CREDITS
LATIN	Beginning and Comp.	5	Caesar and Cicero	5	Virgil and Composition	5	30
GREEK			Beginning and Comp.	5	Anabasis and Homer	5	20
ENGLISH	Composition	4	Literature and Rhetoric	3	English Literature	2	18
MATHEMATICS	Algebra	4	Geometry	4			16
HISTORY	Greek, Roman and Mediaeval	4			American History	2	12
SCIENCE					Physics	4	8
TOTALS-----		17		17		18	104

SCIENTIFIC COURSE.

	FIRST YEAR	hours per week	SECOND YEAR	hours per week	THIRD YEAR	hours per week	CREDITS
LATIN	Beginning and Comp.	5	Caesar and Cicero.	5	Virgil and Composition	5	30
GREEK			Beginning and Comp.		Second year of		
GERMAN			of one	5	the language	5	20
FRENCH			of these three		begun		
ENGLISH	Composition	4	Literature and Rhetoric	3	English Literature	2	18
MATHEMATICS	Algebra	4	Geometry	4			16
HISTORY	Greek, Roman and Mediaeval	4			American History	2	12
SCIENCE					Physics	4	8
TOTALS.....		17		17		18	104

LITERARY COURSE.

	FIRST YEAR	hours per week	SECOND YEAR	hours per week	THIRD YEAR	hours per week	CREDITS
LATIN	Beginning and Composition in one of these four	5	Second year of language first begun	5	Third year of language first begun	5 or 3*	46*
GREEK			Beginning and Comp. in one other language	5	Second year of language last begun	5	to 50
GERMAN			Literature and Rhetoric	3	English Literature	2	18
FRENCH			Geometry	4			16
ENGLISH	Composition	4			American History	2	12
MATHEMATICS	Algebra	4			Physics	4	8
HISTORY	Greek, Roman and Mediaeval	4					
SCIENCE							
TOTALS-----		17		17		18	104

*In case the third year of language is Greek, German, or French, there will be opportunity for two credits of elective work.

LATIN—PROFESSOR DREW.**A-1. Beginning and Composition.**

Five hours per week throughout the year. Bennett's Latin Lessons and Latin Grammar.

A-2. Caesar and Cicero. Four books of Caesar completed, and six orations of Cicero.

Five hours per week throughout the year. Bennett's Caesar; D'Ooge's Select Orationes of Cicero.

A-3. Vergil and Composition. Six books of Vergil.

Four hours per week throughout the year. Bennett's Latin Composition, one hour per week; Knapp's Vergil's Aeneid.

GREEK—PROFESSOR DREW.**A-4. Beginning and Composition.**

Five hours per week throughout the year. White's First Greek Book.

A-5. Anabasis and Homer.

Five hours per week throughout the year. Goodwin and White's Anabasis, and Seymour's Homer's Iliad, Books I.-III.

FRENCH AND GERMAN--PROFESSOR McCALL.

For courses in French and German see requirements in Preparatory School and description of courses in Group B under College Courses.

ENGLISH—PROFESSOR DAWSON.

C-1. The first year's work is made up of work in literature and composition, with the emphasis upon the writing.

Four hours a week throughout the year. Texts, 1904-5: Manual of Composition and Literature, Professor Dawson; Dickens' Christmas Carol, Riverside Literature Series; Shakspeare's Merchant of Venice, Gateway Series; The Sir Roger de Coverley Papers, Ginn's English Classics; Biblical Masterpieces, Moulton.

C-2. In the second year the emphasis is placed upon the intelligent reading of poetry and prose. The principles of rhetoric, composition, themes.

Three hours a week throughout the year. Texts, 1904-05: Manual of Composition and Literature, Professor Dawson; From Milton to Tennyson, Syle; Macbeth, Ginn's English Classics; Job, Moulton's edition.

C-3. The first semester's work is a course in the history of English and American literature.

Two hours a week. Texts: Pancoast's Introductions to English and American Literature.

The first semester completes the required work for Normal students. Students in the regular preparatory courses continue through the second semester.

HISTORY AND SOCIAL SCIENCE—PROFESSOR HAWLEY.

D-1. General History. A narrative history of Eastern Nations; Greece, Rome and Mediaeval Europe, including some study of arts, literature and civilization in general.

First year required. Four hours per week, both semesters. Myers' General History.

D-2. American History. This course will cover the period from 1763 to 1865, and will be prerequisite to the courses offered in College. Notes, maps, papers and outside reading will form part of the course. This course presumes that the students have had the grammar school history of the United States.

Required of all third year students. Two hours per week, both semesters. Channing's Student's History of the United States.

D-3. Civics. It will include an elementary analysis of our form of government, its history and its methods of work.

Required of all second year Normal students. Three hours per week, first semester. Strong & Shafer, Government of the American People.

MATHEMATICS—PROFESSOR MATTHEWS.

E-1. Beginning Algebra. An elementary course for beginners; a thorough drill is given in fundamental processes, factoring, simple equations, radicals and quadratics.

Four hours per week throughout the year. Text: Wells' Essentials of Algebra.

E-2. Plane and Solid Geometry. Demonstrations in text mastered and copious exercises in original solutions required.

Four hours per week throughout the year.) Text: Sander's Plane and Solid Geometry.

SCIENCE—PROF. BOYER AND ASSISTANT PROF. MAHAFFIE.

H-1. Chemistry. Elementary; an introduction to the principles of Chemistry; lectures, recitations and laboratory work.

Optional with Elementary Physics for admission. Four hours per week, one year. Storer and Lindsay, Elementary Manual of Chemistry.

H-8. Physiography. An introduction to Physical Geography.

Four hours per week, second semester. Tarr's Physical Geography.

I-1. Physics. Elementary Normal Physics. Lectures, recitations and laboratory work.

Required for third year Preparatory and Normal. Four hours per week, one year. Text: Avery's Elements of Natural Philosophy.

NORMAL SCHOOL.

MARY E. REYNOLDS, B. S., *Principal.*

For entrance to the Normal Course a thorough knowledge of the public school branches is needed, but one so desiring may review in classes of the Sub-normal year any or all of these branches before taking the first year of Normal work.

The Normal Course consists of three years' work, including those subjects upon which the applicant for state certificate or diploma is examined, and practice teaching in the Training Department.

The purpose of this course is to give the students such

preparation as will enable them to teach successfully in the public schools.

The Oregon School Law requires one not having a diploma from a College or Normal Course to have held the third, second and first grade certificates, and to have had thirty months of teaching experience, before being allowed to take the examination for the State certificate; but one having taken the College Course, has the privilege of taking this examination after his graduation, his practical training being accepted instead of the teaching experience otherwise required.

Many important positions held by Willamette's Normal graduates attest the quality of her students and their preparation.

It is expected that the Normal Department of Willamette University will share the prosperity of the school and that not long hence it will have more room and increased facilities.

THE TRAINING DEPARTMENT.

In this department a limited number of pupils of public school age are received. Here the children are instructed in the common branches, the grades and courses being kept parallel to those of the city schools. Children attending this training school have the advantages of daily chapel exercises, a morally healthful playground, and the inspiration of the surrounding college life.

Work in this department opens October 3, 1904.

RATES OF TUITION.

	Per Semester.	Per Year.
First four grades	\$ 5.00	\$10.00
Fifth and Sixth grades.....	7.50	15.00
Seventh and Eighth grades.....	10.00	20.00

NORMAL COURSE

FIRST YEAR		SECOND YEAR				THIRD YEAR			
EACH SEMESTER	hrs. per wk.	FIRST SEMESTER	hrs. per wk.	SECOND SEMESTER	hrs. per wk.	FIRST SEMESTER	hrs. per wk.	SECOND SEMESTER	hrs. per wk.
Composition and Spelling	4	English	3	English	3	English	2	Psychology	3
						American History	2	American History	2
Algebra	4	Geometry	4	Geometry	4	Normal Methods	3	Normal Methods	3
Greek, Roman and Mediaeval History	4	School Management	3	Art of Teaching	4	Teaching	5	Teaching	5
		Oregon School Law, Constitution, and Civics	2	Physical Geography	4	Physics	4	Physics	4
Bookkeeping	5		3			Drawing	1	Drawing	1
Expression	2	Zoology	3	Botany	3	Vocal Music	1	Vocal Music	1
Total-----	19	Total-----	18	Total-----	18	Total-----	18	Total-----	19

Sum total of credits required, 111.

REQUIRED READING.

FIRST YEAR.—Teaching of Geography—Geikie; Methods and ideas in Geography—King.

SECOND YEAR.—Theory and Practice of Teaching—Page; School Management—Kellogg.

THIRD YEAR.—History of Pedagogy—Payne's Comayrè.

SUB-NORMAL COURSE.

UNITED STATES HISTORY — Four hours per week for one year.

ADVANCED ARITHMETIC AND MENTAL ARITHMETIC — Each four hours per week for one year.

ADVANCED GRAMMAR AND SPELLING — Four hours per week for one year.

READING — Three hours per week for one year.

PHYSIOLOGY — Four hours per week for one-half year.

PROFESSIONAL SUBJECTS IN NORMAL COURSE.

1. School Management. A subject intended to help prepare the student to avoid or overcome the difficulties likely to arise in conducting a school.

Three hours per week, first semetser. Text: White. Additional texts: Page, Kellogg, and Seeley.

2. Oregon School Law and Constitution of Oregon.

Two hours per week, first semester.

3. Art of Teaching. A study of the processes of teaching; instruction, drill and testing, together with the fundamental principles of the art and their application to the common branches.

Four hours per week, second semester. Text: White's Art of Teaching.

4. Normal Methods. Practical work in the teaching of the common school branches, including a review of those studies.

Three hours per week, both semesters.

5. Normal Psychology. An elementary study of the nervous system and the simpler mental processes with applications to the teacher's work.

Three hours per week, second semester.

For reading required, see page ..

Additional Subjects.

Expression. See first year in expression in College of Oratory.

Book-keeping. An elementary course in double and single entry. Text: Hall's Art of Accounts.

Drawing. One hour per week.

Vocal Music. One hour per week.

For description of following courses see under Preparatory School and College:

English, Courses 1, 2 and 3.

Mathematics, Courses 1 and 2.

History, Courses 1, 2 and 3.

Physics, Course 6.

Physiography, Course 4.

Botany, Course 2.

Zoology, Course 1.

Professional Work. Teaching in the Training Department.
Five hours per week, two semesters.

Physical Culture. For courses and requirements see Group J (II.), College of Liberal Arts.

Sub-Normal.

1. United States History.

Four hours per week, both semesters. Texts: Thomas, Fiske.

2. Written Arithmetic.

Four hours per week, both semesters. Texts: Wentworth, Robinson.

3. Mental Arithmetic.

Four hours per week, both semesters. Text: Brooks.

4. Grammar. ("Higher Lessons in English.")

Four hours per week, both semesters. Text: Reed and Kellogg.

5. Physiology.

Second semester.

6. Reading. First Volume of Evolution of Expression.

Three hours per week, both semesters.

COLLEGE OF THEOLOGY.

John Hamline Coleman, D. D., President.

Rev. I. D. Driver, D. D., Special Lecturer.

In response to a general demand, the course described below has been arranged, in the hope that from this beginning a complete course of study may in time evolve.

1. Theism and Evidences of Christianity. Lectures and occasional discussions.

Elective for college students, and in special cases open to preparatory students upon consultation with the President. Two hours a week throughout the year.

COLLEGE OF ORATORY.

MRS. SARA BROWN SAVAGE, O. M., *Dean.*

It is the design of this department to teach oratory as an art, resting upon absolute laws of nature, and to give a thorough and systematic training in all the principles upon which this art is based. The student is educated, not by fashioning him after a certain model, or by making him a slave to arbitrary rules, but by quickening and developing all the intellectual faculties, cultivating the imagination, deepening and guiding the feelings, disciplining all the agents of expression, making the will sovereign, and then leaving him free to express his thoughts, convictions and emotions in accordance with his own temperament. The object is to develop natural orators—not artificial ones.

COURSES OF INSTRUCTION.

First Year Normal.

First Semester.—Physical culture, voice culture, articulation, inflection, quality of tone, pitch, force, tune, volume, modulation, power, brilliancy and abandonment in reading, elementary gesture. Textbook: Vol. I., *Evolution of Expression* by C. W. Emerson.

Second Semester.—Physical and voice culture, rhythm, music and imagination in rendering, applied gesture, laws of analysis and their application, personality in rendering, relations of values and taste, recitations and declamations with individual criticism. Textbook: Vol. II., *Evolution of Expression*.

College Oratory.

1. Physical and voice culture, rendering, critical study of English poetry, the great English and American orators, and of Shakspeare's dramas, recitation and original orations. Applied gesture, bearing, dramatic attitudes, construction of gesture, translating of gesture at sight, extemporaneous speaking, Bible and hymn reading.

Required of Sophomores. Two hours per week. Textbooks:

The Sixteen Perfective Laws in Art, C. W. Emerson; Shakspeare's Plays.

2. Physical and voice culture, advanced rendering, applied gesture, bearing, dramatic attitudes, construction of gesture, translating of gesture at sight, extemporaneous speaking, debate, Bible and hymn reading.

Open to Juniors and Seniors. Two hours, both semesters. Textbooks: Shakspeare, Macbeth (subject to change); Emerson, Sixteen Perfective Laws in Art.

3. Dramatic Expression. Shakspeare's Plays and Modern English Drama.

Elective for College students. One hour per week, second semester.

COURSE OF GRADUATION IN EXPRESSION.

Three years of class-work in Physical and Voice Culture and Expression, four hours per week. (24)

Private lessons, twelve terms. (34)

The English Composition of first year, Rhetoric and English of second year, Literature of third year, Rhetoric of Freshman year, and Literature of Sophomore year. (26)

The General History of the first year. (8)

Parliamentary Law; theory and practice (2). Repertoire material for one evening program (7). Practice recitals (7).

Normal work (2).

One hundred and ten credits are required for graduation.

This outline covers the work of the entire three years.

The numerals denote the number of credits allowed the different subjects.

RECITALS.

Several recitals are given during the year. These recitals are a part of the required work of the College and are designed to give students frequent opportunity to come before audiences.

PHYSICAL CULTURE.

We mean by this the development and refinement of the entire physical person, through cultivating it to express the pur-

poses and emotions of the soul. The Emerson system is unlike all others in cultivating the reflex actions of the body. Aesthetically the end sought by this system of exercise is reposeful and dignified bearing, grace and ease of manner, the overcoming of all appearance of self-consciousness and the attainment of the power to express in gesture that with which the soul has been impressed, while the physical result is the converting of the overcharged sensibility of the nerve centers into vitality and blood-making power, overcoming all tendency to nervous prostration, giving free and harmonious circulation to the blood, and developing great muscular power.

VOICE CULTURE.

The first, greatest and most difficult thing is directing the tone; that is, "focus, or right placing of tones." The great want everywhere felt is for such a system of consecutive steps of practice as shall make it certain that all who apply themselves shall arrive at the desired result, whether the ear is accurate or not. This want is fully met by the Emerson system. It was first arranged by Dr. Emerson for the cultivation of the singing voice, and has since been applied to the speaking voice with most satisfactory results. It removes all impurities of the voice, and cures all forms of chronic sore throat, including "clergyman's sore throat." It gives fulness, volume, great range, smoothness, flexibility, sympathy and power.

A voice cultivated by this system never gets fatigued, no matter how much it is used.

ANALYSIS.

This embraces the study of the purpose of the composition to be rendered; its natural divisions of thought and their relation to the underlying purpose of the whole, and to each other in the development of that purpose; the climax of the whole and of each division; first, the thought of each sentence and its comparative value; second, the best means of expressing this to another. The study considers the several forms of emphasis,

their combinations and applications, and the laws of inflection. A mastery of analysis enables the student to express correctly the thought of any composition.

RENDERING.

This includes, first, the methods of receiving upon the intellect and emotions the impression of what is read; second, the methods of reproducing this impression in expression. Careful drill will be given in the rendering of humorous, dramatic and oratorical selections, Bible and hymn reading, and the rendering of Shakspeare's plays.

TUITION.

The tuition for class-work is \$7 per semester, and the student can have five hours per week, or can have ten or less hours per week for \$14 per semester. The tuition for private lessons is \$10.80 for eighteen one-half hour lessons; \$14.40 for eighteen three-fourths hour lessons.

Those who contemplate entering the College are requested to write early, giving a description of past education, purpose in taking up the work, etc. Address, Sara Brown Savage, O. M., Dean of the College of Oratory, Salem, Oregon.

COLLEGE OF MUSIC.

FRANCESCO SELEY, *Dean.*

Principals of Departments—

Francesco Seley, Vocal.

Frank Enos Newberry, Piano.

Leroy L. Gesner, Violin.

Florence Bowden, Stringed Instruments.

Assistant Teachers—

Mrs. Florence E. Moores, Vocal.

Ida Stege, Piano.

This College offers regular, systematic courses in all the principal branches of music.

The members of the Faculty are all specialists in their departments, being prepared by years of study with teachers of international reputation.

The course in Singing, Piano, or any Orchestral instrument, includes a two years' course in Theoretical studies: Harmony, Theory, History, Counterpoint, Form and Composition.

Students completing any one of these courses are fully prepared for teaching or concert work.

A diploma from this College of Music is evidence that the holder is a superior musician entitled to the respect and patronage of any community.

Tuition varies from \$9.00 to \$36.00 for a term of three calendar months, according to the teacher chosen and the number of lessons a week. Tuition is payable invariably in advance.

The College is in continuous session from September 15th to July 1st each year. Christmas recess, two weeks.

COURSES.

The Vocal Course requires from three to five years, some voices developing more rapidly than others.

With the regular studies are given pleasing, instructive,

graded songs from classical and modern composers, Opera and Oratorio.

PUBLIC SCHOOL DEPARTMENT.

The Normal Music Course, which is the course adopted for the schools of Oregon by the Textbook Commission, is under the direction of Dean Seley. The course comprehends thorough preparation for teaching Vocal Music in the public schools.

SPECIAL COURSES.

Students who do not wish to take any specified course, may take private or class lessons in any department. They will be given all the advantages of the College and be enrolled as regular students.

DIPLOMAS, DEGREES AND CERTIFICATES.

Diplomas are granted by the Trustees of the University to all who complete in a satisfactory manner the prescribed courses of study. The diploma carries the degree of Bachelor of Music.

A certificate of standing is given to each student at the close of the college year.

TUITION.

All tuition is payable at the office of the College of Music one term of three months in advance.

(Note the change from monthly tuition to tuition by the term.)

PRIVATE LESSONS.

Singing, Piano, any Orchestral Instrument, Harmony, Counterpoint, Form and Composition, with the Principal of Department. (For a term of three calendar months.)

Thirty Minute Lessons.

One lesson a week	\$12.00 per term
Two lessons a week	\$24.00 per term

Forty-five Minute Lessons.

One lesson a week	\$18.00 per term
Two lessons a week	\$36.00 per term

PRIVATE LESSONS WITH ASSISTANT TEACHERS.

Thirty Minute Lessons.

One lesson a week	\$ 9.00 per term
Two lessons a week.....	\$18.00 per term

Forty-five Minute Lessons.

One lesson a week	\$12.00 per term
Two lessons a week	\$24.00 per term

Accompanist in Singing lessons, \$3.00 to \$9.00 per term.

If desired, student-teachers will be provided for beginners at lower rates than those given above.

CLASS LESSONS.

Singing, Piano, or any Orchestral Instrument, with Principal of Department.

Two Forty-five Minute Lessons a Week.

Two in class, (each)	\$21.00 per term
Three in class, (each)	\$15.00 per term
Four in class, (each)	\$12.00 per term

With Assistant Teachers.

Two in class, (each)	\$15.00 per term
Three in class, (each)	\$12.00 per term
Four in class, (each)	\$ 9.00 per term

*Harmony, Counterpoint, Form, Composition.**Two Lessons a Week.*

Two in class, (each)	\$15.00 per term
Three in class, (each)	\$12.00 per term
Four in class, (each)	\$ 9.00 per term

General Classes.

Elementary Singing Class	\$ 1.50 per term
Piano or Vocal Quartets	3.00 per term
Normal Music Course	3.00 per term
History of Music	5.00 per year
Musical Theory	5.00 per year

Pianos and Organs for Practice.

One hour a day	\$ 3.00 per term
Two hours a day	4.50 per term
Three hours a day	6.00 per term

A Diploma Fee of \$5.00 is charged by the Trustees of the University. This must be paid on or before June 1st of the Senior year.

No student is admitted for less than one term of three months.

New students will pay a matriculation, or registration fee, of one dollar. This is paid but once.

For further particulars, address the Dean, Francesco Seley, Salem, Oregon.

COLLEGE OF ART.

MARIE CRAIG, B. S., *Dean.*

The College of Art offers thorough instruction in drawing from objects, from the cast and from the flat, in charcoal, crayon, pencil and pen and ink; from landscape, fruit, flower and animal; painting in oil, water color and pastel. Especial attention is paid to study from nature.

COURSE OF INSTRUCTION.

A two years' course has been arranged for those desirous of teaching. Also, an Amateur's Course for persons wishing an accomplishment, the work for the latter class consisting principally in landscape and flower painting, painting on satin, plush, etc., and decorative work generally.

Modeling in clay, newspaper illustration and designing are included in either course if desired, while figure, the study of the antique, drapery, portraiture from life in oil or crayon, is taught advanced students who have special talent for this work.

Diplomas will be awarded on the satisfactory completion of the course.

CURRICULUM.

First Year.

First Term.—Elementary outline in pencil. Outline drawing in single forms, in charcoal. Blackboard exercises, free hand from copies and memory.

Second Term.—Drawing and shading from the cast. Pencil drawing from the flat. Drawing from the casts of leaves, flowers and fruit.

Third Term.—Plants in outline from nature. Drawing and shading from plants in color. Perspective applied.

Fourth Term.—Original designs in geometric forms. Flow-

ers in water color from the flat. Composition group in light and shade.

Second Year.

First Term.—Painting in oil from the cast. Flowers from nature in oil and water colors. Landscape in pencil and crayon.

Second Term.—Still life from nature in oil. Landscape from copies in oil and water colors. Sketching from nature in oil and water colors.

Third Term.—Study of animals in pencils or crayon. Animals painted from the flat and from life. Drawing from the antique.

Fourth Term.—Monochrome studies in oil from the antique. Studies of drapery and of heads in oil. Portraiture in crayon and in oil from life.

Third and Fourth Years.

A continuation of the above will be the work of these years.

TUITION.

Landscape and flower painting in oil, 20 lessons, per term.	\$15.00
Beginners in drawing, 20 lessons.....	5.00
Classes of ten in drawing, 20 lessons, each.....	3.00
Portrait painting from life or from photos, 20 lessons...	15.00
Private lessons in painting, per lesson.....	1.00

COLLEGE OF LAW.

John W. Reynolds, A. M., LL. B., Dean, Professor of English and American Elementary Common Law.

Geo. G. Bingham, LL. B., Professor of Code Pleading and Evidence.

A. O. Condit, B. S., Professor of Criminal Law and Procedure and Negotiable Instruments

John Bayne, LL. B., Professor of Equity and Common Law Pleading.

C. L. McNary, Professor of Contracts and Torts.

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

The method of instruction is not uniform, but textbook, lectures and case system are used.

JUNIOR YEAR.

First Term.—Blackstone's Commentaries.

Second Term.—Blackstone, Criminal Law.

Third Term.—Criminal Law, Real Property, Contracts.

Fourth Term.—Real Property, Contracts.

SENIOR YEAR.

First Term.—Torts, Common Law Pleading, Negotiable Instruments.

Second Term.—Equity, Code Pleading, Constitutional Law.

Third Term.—Same as Second Term.

Fourth Term.—Evidence, Oregon Code, Conveyancing.

RECITATIONS.

All members of the Faculty are actively engaged in the practice of law, and to avail ourselves of their services, recitations are held in the evening. This is also convenient for students who wish to take work in the literary departments of the University, and for those who wish to secure employment for part of the day to defray expenses.

INCIDENTAL ADVANTAGES.

Salem is an ideal place for the student of law. He has the advantage of access to the State Law Library, which is believed to be unexcelled by any law school library in the United States. In addition to the regular session of the Circuit and County Courts, the Supreme Court of Oregon is in constant session and open to the attendance of the student. Here also once in his two year course he has the opportunity of observing the State Legislature in session.

FEES AND ADVANCED STANDING.

Tuition is \$12.50 per term of eight weeks in the Junior year, and \$15.00 per term in the Senior year, payable in advance.

Those who have studied law before entering will be given such credit as their advancement warrants.

The department opens the first Monday in October.

For information address, John W. Reynolds, Dean.

COLLEGE OF MEDICINE.

Attendance on Four Annual Sessions is required for the M. D. degree, and requirements for admission as well as graduation in this school are in accordance with the rules adopted by the Association of American Medical Colleges.

The curriculum is based on the amount and kind of work required of the candidate for the degree of Doctor of Medicine. The courses are graded in such a manner that all the fundamental studies and general subjects must be taken before special courses and advanced work may be pursued.

The course of study has been carefully arranged and each subject allotted a definite number of hours. Being progressive, the earlier years of didactic teaching are followed by practical work in the clinics and hospitals, under the direction of the Professor, Chief of Clinic or Clinical Lecturer of each department.

FEES.

First Year.

Matriculation fee	\$ 5.00
Lecture fee	100.00
Demonstrator's fee	5.00
Breakage fee in Laboratory (returnable is not used)...	3.00
Laboratory fee	5.00

Second Year.

Lecture fee	100.00
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Third Year.

Lecture fee	75.00
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Fourth Year.

Lecture fee	20.00
Examination fee	30.00

Lecture fee for all Junior and Senior students from *other* schools, \$100.00 for each year.

For further particulars, Annual Announcement, etc., address, W. H. Byrd, M. D., Dean, I. O. O. F. Temple, Salem, Oregon; or E. A. Pierce, M. D., Secretary, 314½ Commercial Street, Salem, Oregon.

Schedule of Recitations for the First Semester

	GROUP A	GROUP B.	GROUPS C AND F.	GROUP D.	GROUPS E AND C.	GROUPS G, H AND I.	GROUP J.	Normal and Sub-Normal
A. M. 9:25 to 10:15	Freshman Latin 6 M. W. F. Roman Lit. 10 T. T.	French 5 M. T. W. T. F.	Literature and Rhetoric 2 M. W. F.	American His- tory 12 and 13 M. W. F. English His- tory 10 T. T.	Psychology 14 M. T. T. F.	Chemistry 2 M. T. W. T. F. Mineralogy 6 M. T. W. T.		U. S. History Sub-N. 1 M. T. T. F.
10:15 to 11:05	Soph. Latin 8 M. W. F. Aeschylus 17 T. T.	German 2 M. T. W. T. F.	Shakspere 7 M. W. F. Freshman Rhetoric 4. T. T.	Finance 23 or Financial His- tory 24 T. T.	Beginning Algebra 1 M. T. W. F.	Physics 1 M. T. W. T.	Expression 2 T. T.	Written Arithmetic Sub-N. 2 M. W. T. F.
11:05 to 11:55	Freshman Greek 13 M. W. F. Anabasis 5 M. T. W. T. F.	German 1 M. T. W. T. F.	Soph. Liter- ature 6, T. T. Bible Litera- ture 1 M. W. F.	American His- tory 2, T. T. Economics 21 M. W. Polit. Science 20, F	College Alge- bra 3 M. T. T. F.	Beginning Chemistry 1 M. T. W. F.	Expression 1 T. T.	Mental Arithmetic Sub-N. 2 T. W. T. F.
P. M. 1:00 to 1:50	Beginning Latin 1 M. T. W. T. F.	German 3 M. W. F.	English Lit- erature 3 T. T.	Diplomacy 15 or 28, M. W. Debates 25, F. Pol. Parties 14 or 19, T. T.	Geometry 2 M. T. W. F.	Biology 3 M. W. F.	Reading Sub-Normal M. W. F.	Normal Meth- ods, N. 4, M. T. W. F.
1:50 to 2:40	Vergil 3 M. T. W. T. F. Caesar 2 M. T. W. T. F.	German 4 M. W. F.	English Com- position 1 M. T. W. T.	Eur. Hist. 8-9 T. T. Economics 22 M. W. Sociology 31 F	Bookkeeping M. 1, W. T. F.	Qualitative Analysis 3 Zoology 1 M. W. F.	Dramatic Ex- pression 3 W.	English Gram- mar, Sub-N. 4 M. T. W. F.
2:40 to 3:30	Beginning Greek 4 M. T. W. T. F.	French 6 M. W. F.	Logic 16 M. T. W. T.	General His- tory 1 M. T. W. T.	Analytic Ge- ometry 5 M. T. W. T.	Laboratory		School Man- agement, N. 1 M. W. F. Oregon School Law, N. 2 T. T.

BREVITIES.

At Willamette one of the strongest student organizations is the Young Men's Christian Association. This year it is intended to work with renewed zeal. Among the attainments to be reached, is the securing of one hundred men to engage in the Bible classes conducted by the Association. These classes are led by students and some of the most prominent men of the college are enrolled in them. Membership costs \$1 per year. Members are entitled to reading room privileges in the Salem City Association and during the summer the privilege of any city Association.

Chauncey Bishop, who played end on Columbia University last season, will coach the football team. Mr. Bishop has had long experience as a player. He knows the game thoroughly, is full of spirit, and will be well-liked by the players. He has fine material to choose a team from and it is confidently expected that he will put out a winning team. Among the teams to be played are Columbia, Albany, Pacific, O. A. C., U. of O., Multnomah.

Prof. Charles O. Boyer, of the chair of Physics and Biology, was born August 8, 1873, in Iowa. At the age of five years he, with his people, moved to Kansas, where he received his early education in the public schools, later becoming a teacher in these schools. He came to Washington in 1891 and two years later entered the Puget Sound University, receiving in 1898 A. B. degree from that University, since then having done the work for an A. M., but has not asked for the degree. During 1898-9 he was principal of the Goucher Academy at Montesano, Wash. For the past five years he has been connected with the Puget Sound University as a teacher, for two years as Acting President.

The Young Men's Christian Association of the University will this year lay especial emphasis upon the work of the Bible

Study classes. These classes are conducted by students, and were last year very popular with the men of the college. We want this year 100 men enrolled. Membership in the Association costs one dollar per year. Members are entitled to reading room privileges in the Salem city Association and during the summer the privilege of any city Association.

Prof. W. H. Mahaffie, who has been elected assistant professor of Chemistry and Biology, received his B. S. from Smithson College and his Ph. D. from Allegheny College. He brings to his work a wide experience and unbounded enthusiasm.

A friend of Willamette University has offered a prize in oratory, open to college students, amounting to \$22.50 in cash the tuition for one semester. Details of the contest will be arranged, and announced after the Christmas holidays.

The election of Mr. Loran A. Kerr, A. B., to be registrar of the University was announced a few weeks ago. The selection gives universal satisfaction. Mr. Kerr is a graduate of Ohio Wesleyan University and was professor of Science at Willamette from 1900 to 1903.

Miss Mary Field, A. B., has been elected librarian and instructor of Greek and Latin. She was for some years a student in the Preparatory and College of Willamette University but completed her course and took her degree at the University of California.

BURGHARDT PRIZE IN ENGLISH LITERATURE.

The W. H. Burghart Jr. prize in English Literature was awarded in 1903-04 to Mr. Ronald C. Glover. Mr. Glover's subject was Tennyson's "Becket."

This prize, of the value of ten dollars, consists of a set of the Riverside Shakspeare, edited by Richard Grant White. It was established in 1904 and is to be awarded annually for the most meritorious thesis prepared by some student working in the Department of English in the College, upon a subject in English literary history or criticism.

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