

on entrance, and re-sold to the same officer at the termination of membership.

These arrangements having been perfected, the State University offers to pupils a more economical and safe residence, than any other Institution of Learning in the West.

ABSENCE.

The importance of punctual and continued attendance of students, from the beginning to the end of each term, cannot be too highly estimated. The loss of a single day bears unfavorably on the character and the progress of the scholar. The distribution of vacations, and their aggregate length, leave no justification for encroachment upon term time by further unnecessary absence. It is to be hoped that parents and guardians will concur with the Faculty in refusing leave of absence in ordinary cases.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF THE

WISCONSIN STATE UNIVERSITY,

For the Year ending December 1857.

MADISON, WIS.

ATWOOD AND RUBLEE, BOOK AND JOB PRINTERS.

1857.

Faculty of Science, Literature & Arts.

JOHN H. LATHROP, LL. D., *Chancellor,*
And Professor of Ethics, Civil Polity, and Political Economy.

DANIEL READ, LL. D.,
Professor of Mental Philosophy, Logic, Rhetoric and English Literature.

JOHN W. STERLING, A. M.,
Professor of Mathematics, Natural Philosophy and Astronomy.

EZRA S. CARR, M. D.,
Professor of Chemistry and Natural History.

O. M. CONOVER, A. M.,
Professor of Ancient Languages and Literature.

AGUSTE KURSTEINER, J. U. C.,
Professor of Modern Languages and Literature.

JOHN F. SMITH, A. B., *Tutor.*

NORMAL DEPARTMENT.

DANIEL L. READ, LL. D.,
Professor of the Theory and Practice of Teaching.

AGRICULTURAL DEPARTMENT.

EZRA S. CARR, M. D.
Professor of Agricultural Chemistry and the Applications of Science
to the Arts.

GRADUATING CLASS.--July 1857.

NAMES.	RESIDENCES.
Sinclair Walker Botkin,	<i>Madison.</i>
Thomas DeBoice Coryell,	<i>Verona.</i>
Charles Fairchild,	<i>Madison.</i>
William Greene Jenckes,	<i>Terre Haute, Ind.</i>
John Francis Smith,	<i>Verona.</i>

UNDERGRADUATES.--Senior Class.

NAMES.	RESIDENCE.	ROOMS.
Richard W. Hubbell,	<i>Milwaukee.</i>	No 24 s. c.
*John W. Slaughter,	<i>Culpepper C. H., Va.</i>	No. 21 s. c.
†Collins Shackelford,	<i>Madison.</i>	Mr. J. White's.
William F. Vilas,	<i>Madison.</i>	Judge Vilas.

Subjects of Instruction.

In the several Departments of Science, Literature and Arts.

1.—Preparatory Course.

Occupying one or two years, according to the proficiency of the student.

1. English Grammar,—Bullion's.
2. Geography,—Mitchell's.
3. Arithmetic,—Ray's, 3d part.
4. Elements of Algebra,—Ray's.
5. Latin Grammar,—Andrews and Stoddard's.
6. Virgil's *Æneid*,—6 Books.
7. Greek Grammar,—Bullion's.
8. Greek Reader,—Bullion's.
9. Cicero's Select Orations.

2.—Sub-Graduate Course.

Occupying four years, and distributed as follows :

FRESHMAN CLASS.

- First Term.*—Algebra,—Loomis'
 Roman History,—Livy.
 Grecian History,—Felton's Greek Historians.

- Second Term.*—Algebra and Plane Geometry,—Loomis.
 Roman History,—Livy.
 Grecian History,—Felton's Greek Historians.

- Third Term.*—Solid Geometry and Plane Trigonometry.
 Latin Lyric Poetry,—Horace.
 Greek Epic Poetry,—Homer.

SOPHOMORE CLASS.

- First Term.*—Men. Sur., Nav., and Spher. Trig.
 Latin Poetry,—Hor Satires and Epistles.
 Greek Epic Poetry,—Homer.
 French and German,—(optional.)

- Second Term.*—Spher. Trig. and Analytic Geometry.
 Cicero de Oratore.
 Ancient History of Asia,—Herodotus.
 French and German,—(optional.)

- Third Term.*—Calculus.
 Germania and Agricola,—Tacitus.
 Egyptian History,—Herodotus.
 French and German,—(optional.)

JUNIOR CLASS.

- First Term.*—Mechanical Philosophy.
 Tacitus and Greek Drama.
 Rhetoric.
 German and French,—(optional.)

- Second Term.*—Hydrostatics, Pneumatics, and Physics.
 Juvenal and Plato.
 Logic and Evidences of Christianity.
 German and French,—(optional.)

- Third Term.*—Acoustics and Optics.
 Select Latin, and Demosthenes.
 Mental Philosophy, Intellectual Powers.
 German and French,—(optional.)

SENIOR CLASS.

- First Term.*—Ethics.
 Mental Philosophy, Active Powers.
 Chemical Philosophy.

Second Term.—Civil Polity, Constitutional and International Law.
Philosophical Grammar and Criticism.
Chemistry, Organic. The Metals.
Agricultural Chemistry,—(optional.)

Third Term.—Political Economy.
Organic Chemistry and Geology.
Astronomy.
Art of Teaching,—(optional.)

Students, desiring to pursue a select course of study, will be admitted to recitations and lectures, in connexion with the regular classes. In order to a ready selection, the following tabular view will set forth all the subjects of study, in the sub-graduate course, for the year, arranged by terms.

FIRST TERM, beginning the third Wed. of September.	SECOND TERM, beginning the first Wed. of January.	THIRD TERM, beginning the first Wed. of April.
Algebra. Livy. Greek Historians. Virgil's <i>Æneid</i> —complete. Mensuration, Surveying, Navigation, and Spherical Trigonometry. Horace—Satires, &c. Homer. French. Mechanical Philosophy. Tacitus—continued. Greek Drama. Rhetoric. German. Ethics. General Chemistry. Mental Philosophy. (Active Powers, De Amicitia. De Senectute.	Algebra—complete. Geometry—Plane, Livy—continued. Greek Historians. Cicero. Analytic Geometry. De Oratore. Herodotus. French. Mechanics and Physics. Juvenal. Plato. Logic. Evidences of Christianity. German. Civil Polity, Constitutional and International Law. Organic Chemistry. Metals. Philosophical Grammar. Criticism. Engineering. Agricultural Chemistry.	Solid Geometry. Plane Trigonometry. Horace—Odes. Homer. Sallust. Calculus. Tacitus. Herodotus. French. Acoustics, Optics. Select Latin, Demosthenes. Mental Philosophy. (Intellectual Powers.) German. Political Economy. Geology, &c. Astronomy. Art of Teaching.

Classes will be formed, each term, if necessary, in each of the studies of the Preparatory course.

The foregoing subjects of study are distributed into departments; each one of which is placed under the charge of a Professor, with such assistance as may be necessary, who is responsible for the progress and attainments of the students therein.

3.—Of Ancient Languages and Literature.

O. M. CONOVER, A. M., *Professor.*

JOHN F. SMITH, A. B., *Tutor.*

In this department, instruction is rendered in the Latin and Greek Languages, and in the Mythology, Geography, Antiquities, and Literary and Civil History of the Greeks and Romans.

For the order of subjects in this department, reference is made to the general schedule of the preparatory and sub-graduate courses.

Exercises in Latin and Greek composition will be commenced at an early period in the course, and continued to its close. The subjects of Ancient Mythology, Geography and History, will be taught mainly through the Greek and Latin authors themselves, supplemented by occasional lectures.

The following books of reference are recommended to students in this department, to wit: Anthon's Classical Dictionary, Smith's Dictionary of Greek and Roman Antiquities, Finlay's Classical Atlas, Andrew's Latin Lexicon, Liddell and Scott's Greek Lexicon.

2.—Of Mathematics, Natural Philosophy & Astronomy,

JOHN W. STERLING, A. M., *Profssor.*

JOHN F. SMITH, A. B., *Tutor.*

The preparatory course, in this department, in addition to Arithmetic and the Elements of Algebra, will comprise rudimental instruction in Natural Philosophy and Astronomy.

In the sub-graduate course the order of subjects is indicated in the general programme of studies. Mechanical Philosophy, Hydrostatics, Pneumatics, Electricity, Magnetism, Acoustics, and Optics, will be illustrated by experimental and theoretical lectures. Meteorology, Astronomy and Engineering have been thus far attached to this department. A more perfect distribution of subjects will soon be made, limiting it to pure Mathematics and Mechanical Philosophy; a relief which will render its instructions, within its proper sphere, more thorough and effective.

3.—Of Chemistry & Natural History.

EZRA S. CARR, M. D., *Professor.*

The instruction in this department is given by lectures and demonstrations on the part of the Professor and students, together with examinations.

The recitation of the student consists in his giving a lecture, illustrated with experiments and demonstrations on the same subject and after the manner of the Professor, thus not only necessarily acquiring an intimate knowledge of the subject discussed, but at the same time the facility of communicating his knowledge.

The subjects discussed are such as constitute the Philosophy of common life and the useful arts.

FALL TERM.

Physics of Chemistry, Chemical Philosophy, Chemistry of the non-Metallic Elements.

WINTER TERM.

Chemistry of the Metals, Organic Chemistry,

SPRING AND SUMMER TERM.

Organic Chemistry and Geology.

4.—Of Mental Philosophy, Logic, Rhetoric & English Literature.

DANIEL READ, LL. D., *Professor.*

JOHN F. SMITH, A. B., *Tutor.*

The subjects of this department fall properly into two divisions.

I. *Philosophical*; embracing—

1. Philosophy of the Intellectual Powers.
2. Philosophy of the Active Powers.
3. Logic.
4. History of Philosophy.

II.—*Literary*; including—

1. Rhetoric and Criticism.
2. English Literature, embracing the history of the English Language, an examination of its elements, powers, and Grammar, and the history of English Literature in its various departments.

The method of instruction is mainly by lecture. The student is required in his daily examinations to give, orally or upon the black-board, analysis of the different subjects of study, as well as to present carefully prepared written abstracts and dissertations upon assigned topics.

5.—Of Ethics, Civil Polity and Political Economy.

CHANCELLOR J. H. LATHROP, LL. D., *Professor.*

The instructions of this department are rendered, in course, to sub-graduates of the fourth year, and to such other students of the University as elect to attend. The subjects of instruction are eminently adapted to prepare the student to become a good and useful citizen of the Republic, and, as such, constitute an essential department of University instruction. They occupy a full year—one exercise each day.

FALL TERM.

Ethics,—Moral obligation ; Development of Moral Law ; Sanctions of Moral Law ; Practical applications of the Science.

The text book, Wayland's Elements of Moral Science, is used, merely as suggesting a convenient series of topics for oral lecture, and for familiar discussion, in class.

WINTER TERM.

Civil Polity,—Political Ethics ; Science of Government ; The American Constitution ; International Law.

This class of subjects is taught wholly by lecture, with intermediate examination and discussion. The student is required to write out his views on each topic, from minutes taken in the lecture room, and, at stated periods, to read his results before the class.

THIRD TERM.

Political Economy,—Production of Material Wealth ; Distribution, Exchange and Consumption ; Applications of the Science ; Relations to Civilization.

The discussion of this subject, in class, is in the order of topics suggested by Say in his Treatise on the Production, Distribution and Consumption of Wealth.

6.—Of Modern Languages and Literature.

AUGUSTE KURSTEINER, J. U. C., *Professor*.

It is the design of the Professor in this department, to combine, in useful connection, the theory with the practice in teaching the modern languages,—as a true knowledge of a modern language implies the ability to read, write, and speak the same. As a basis for his instruction in French, he uses the Grammar of Fasquelle ; for the German, he follows the course of Woodbury ; yet he treats the topics contained in

the different lessons, as far as possible, independently, according to his own judgment. After having acquired a certain proficiency in the fundamental and grammatical rules of the language, the student is led gradually into the very heart of it, by means of reading, writing, and conversational exercises. It is deemed necessary for the student to acquire the art of thinking in the language the study of which he pursues,—therefore, as soon as he is far enough advanced, he is required to write letters and essays, which are critically corrected by the Professor. For the *reading* exercises, are used Woobury's and Fasquelle's Readers, at first, and for the advanced classes are proposed, any classic authors of the language, as, for example, the works of Gœthe, Schiller, Jean Paul Richter, Lossing, &c., of Lamartine, Chateaubriand, Racine, Corneille, Moliere, &c.

In the advanced classes, the Professor adopts the plan of conducting the exercises entirely in French and German, whereby the conversational powers of the student will be developed. The Professor will, at the beginning of each academical year, form beginning classes, with which he will pursue the course above described.

The Professor of this department will also form a class in vocal music, at the beginning of each academical year, and receive during the year, as members of it, such students only as are qualified to join the class by previous instruction in the art of singing. The choir of the University will render assistance in any public exercises of the Institution.

7.—Of Didactics, or Theory and Art of Teaching.

DANIEL READ, LL. D., *Professor*.

The Normal term begins on the fourth Wednesday of April and closes on the fourth Wednesday of July.

The subjects of instruction are such as the following: education, what is it? physical education ; intellectual education ; moral educa-

tion; æsthetical education; an examination of the powers of the mind as to communicating and receiving knowledge; who do the work of education, the office of the teacher, and the importance of making teaching a distinct profession; the school house and its proper furniture and appointments; school polity and discipline; incentives to study; mode of hearing recitations; punishments; premiums; graded schools; school libraries; proper methods of teaching different subjects; what can the State do; school laws of Wisconsin, &c.

Teachers and students who attend the lectures on didactics, attend also other subjects of instruction in the different departments at their option.

The design of establishing a course of instruction of this nature, new as a University course, is especially to aid, encourage and instruct teachers, and to awaken in all who may attend it a deeper interest in that greatest work of human society, the proper education of its youth.

The class in attendance on the second annual course of lectures in this department, in 1857, numbered twenty-eight.

The next course of Normal instruction will begin and end with the summer term, in 1858.

8.—Of the Applications of Chemistry and Natural History to Agriculture and the Useful Arts.

EZRA S. CARR, M. D., *Professor.*

The design of this department is to afford instruction in the applications of Chemistry and Natural History to industrial pursuits.

The instructions for the present, and until further provisions are made, will consist of a course of lectures commencing with, and continuing through the winter term.

DEPARTMENTS DEFERRED.

The departments of Engineering; of Physics and Astronomy; of

Law; and of Medicine, will not be opened before the completion of the main edifice, now in process of erection.

DEGREES.

Those who complete the course of study and exercises in all the University departments, except Medicine and Law, and pass the required examinations, shall be entitled to the Degree of Bachelor of Philosophy, in regular course.

Those who complete the studies of the departments from I. to V. inclusive, passing examinations and performing exercises as required, shall be admitted to the degree of Bachelor of Arts, in course.

Those who complete the course required for the degree of Bachelor to Arts, substituting Modern for Ancient Languages, shall be entitled of graduation as Bachelors of Science.

Those who pursue, after graduation as Bachelors, studies connected with the three several courses indicated above, will be entitled, on recommendation of the Faculty, to the Masters degree in each, at the end of three years.

Those who complete the course in any one of the departments of the University, shall be entitled to a Diploma, certifying them to be graduates of said department.

It has long been a subject of complaint that no provision is made in our Colleges to encourage by suitable Academic honors those who are unwilling to complete the prescribed course of classical reading, and that thus, however high their scientific and philosophic attainments, they are ignored as University students. It is hoped that the adoption of the degrees of Bachelor of Science, and of Philosophy, to be conferred with the same formalities, and after the requirement of public exercises, as in the case of those admitted to the degree of Bachelor of Arts, may remove this objection; while none can complain that confusion is produced as to the meaning and import of University degrees.

TERMS OF ADMISSION.

Candidates for admission to the sub-graduate class of the first year must pass a satisfactory examination in all the studies of the preparatory school, or their equivalents.