

# **Catalogue of the officers and students of the Wisconsin State University, for the year ending December, 1858. 1858**

[Madison, Wisconsin]: [The University], [s.d.]

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BOARD OF REGENTS.

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APPENDIX E.

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CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF THE

WISCONSIN STATE UNIVERSITY,

FOR THE YEAR ENDING

DECEMBER, 1858.

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JAMES D. BOGGS, Secretary,  
NATHANIEL W. DEAN, Treasurer.

Madison.  
Madison.

on entrance and re-entrance to the same after 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.

#### APPENDIX

The importance of securing the attendance of students from the beginning of each term, cannot be too highly estimated. The fee for a single day is not less than for the whole term.

The distribution of the Catalogue, length, and the number of copies, are determined by the number of students who are expected to attend the University. It is hoped that parents and guardians will be careful to secure a copy for each of their children.

## CATALOGUE

OF THE

# OFFICERS AND STUDENTS

OF THE

WISCONSIN STATE UNIVERSITY,

FOR THE YEAR ENDING

DECEMBER, 1888.

## BOARD OF REGENTS.

---

JOHN H. LATHROP, President,	Madison.
CHARLES DUNN,	Belmont.
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JOHN K. WILLIAMS,	Shullsburg.
LEVI B. VILAS,	Madison.
ALFRED L. CASTLEMAN,	Delafield.
NATHANIEL W. DEAN,	Madison.
S. L. ROSE,	Beaver Dam.
DAVID W. JONES,	Madison.
HORACE A. TENNEY,	Madison.
JOSEPH L. PICKARD,	Platteville.
JOHN G. McMYNN,	Racine.
LYMAN C. DRAPER,	Madison.
CARL SCHURZ,	Watertown.

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JAMES D. RUGGLES, Secretary,	Madison.
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Madison	NATHANIEL W. DEAN, Treasurer

· FACULTY  
OF  
SCIENCE, LITERATURE, AND 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 Didactics.

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

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

JAMES D. BUTLER, A. M.  
Professor of Ancient Languages and Literature.

JOSEPH C. PICKARD, A. M.  
Professor of Modern Languages and Literature.

JOHN F. SMITH, A. B.,  
Tutor in Mathematics and Ancient Languages.

THOMAS D. CORYELL, A. B.,  
Instructor in Mathematics, Practical Surveying, and Engineering.

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DAVID H. TULLIS,  
Instructor in Book-Keeping and Commercial Calculations.

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JAMES D. BUTLER, A. M.,  
Librarian.

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JAMES D. BUTLER, A. M.,  
Librarian.



## STUDENTS.

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### GRADUATING CLASS, JULY, 1858.

Name.	Residence.
Richard Walter Hubbell.	Milwaukee.
John William Slaughter,	Culpeper C. H., Va.
William Freeman Vilas,	Madison.

### UNDERGRADUATES.—FOURTH YEAR.

Name.	Residence.	Room.
† Benjamin T. Bailey,	Trenton,	No. 20, S. C.
Alex. C. Botkin,	Madison,	" 28, S. C.
* Hill C. Bradford,	Culpeper Co., Va.	" 21, S. C.
Leonard S. Clark,	San Francisco, Cal.	" 32, S. C.
† Henry B. Clay,	Lexington, Ky.	" 27, S. C.
Samuel Fallows,	Hanchettville,	" 12, N. C.
Edward B. Guild,	Madison,	L. Guilds.
† Thomas J. Hale,	Racine,	No. 25, N. C.
Elbert O. Hand,	Lyons,	—
† E. Herman Jones,	Oconomowoc,	No. 5, N. C.
Edwin Marsh,	Beaver Dam,	" 8, N. C.
* Philip C. Slaughter,	Culpeper C. H. Va.	" 21, S. C.
† Jerome Starr,	Philadelphia, Pa.	—

### THIRD YEAR.

George W. Bird,	Madison.	No. 9, N. C.
Leander M. Comins,	East Eddington, Me.	21, N. C.
- Moulton DeForest,	Madison,	—
- Edward L. Fitzhugh,	Milwaukee,	—
- † Randall W. Hanson,	Minneapolis, Min.	—
- John B. Parkinson,	Fayette,	" 9, N. C.
- John D. Parkinson,	Madison,	" 9, N. C.
* William P. Powers,	Madison,	D. J. Powers.

\* Omitting Greek.

† Attached to the class.

Name.	Residence.	Room.
Fred. T. Starkweather,	Milwaukee,	No. 32, S. C.
John E. Sutton,	Hanchettville,	" 10, N. C.
Edward M. White,	Madison,	

## SECOND YEAR.

- George W. Ashmore,	Arena,	
†Farlin Q. Ball,	Monroe,	No. 26, N. C.
†Moses Billings,	Columbus,	" 1, N. C.
†Alfred L. Bostedo,	Weyauwega,	" 26, S. C.
†Cyril H. Brackett,	Madison,	Water Cure.
†Orville T. Bright,	Elkhorn,	Miss Bright's.
James B. Britton,	Madison,	Rev Mr Britton's.
Arthur L. Brooks,	Madison,	Rev. Mr. Brooks'
- Richard O. Cheney,	Hartford, Conn.	
William W. Church,	Madison,	No. 8, N. C.
*Thomas H. Clay,	Lexington, Ky.	" 27, S. C.
William S. Davenport,	Monroe.	" 30, S. C.
- Rufus R. Dawes,	Malta, O.	
Henry C. DeForest,	Madison,	Mr. Squires.
†John Dow,	Cambridge,	No. 2, N. C.
†Herrick A. Forbes,	Cascade,	" 23, N. C.
Andrew Gardner,	Weyauwega,	" 26, S. C.
†Charles G. Greenwood,	Abbott, Me.	" 21, N. C.
Azariah S. Hall,	Hanchettville,	" 12, N. C.
- Nicholas G. Iglehart,	Chicago,	
†Michael Leahey,	Portland,	" 5, N. C.
Fielding Mansfield,	Madison, Ind.	" 31, S. C.
†James M. Mead,	Whitewater,	" 6, N. C.
†Volney Rattan,	Morefield,	" 6, N. C.
†Otis Remich,	Cornish, Me.	" 17, N. C.
- William E. Spencer,	Madison,	
†Addison A. Sterling,	Sterlingville, Pa.	
Henry Vilas,	Madison,	
*Thomas J. Vimont,	Millersburg, Ky.	

## FIRST YEAR.

†George A. Abert,	Milwaukee,	No. 23, S. C.
*Gideon W. Allen,	Trempeleau,	" 22, N. C.
*Richard Armstrong,	Rome, N. Y.	
†Benjamin D. Atwell,	Madison,	Mr. Atwells'.
†Nelson R. Bailey,	Sun Prairie,	No. 8, N. C.
†Elliott K. Brown,	Fond du Lac,	

\* Omitting Greek.

† Attached to the Class.

\* Omitting Greek.



Name.	Residence.	Room.
†Cary M. Campbell,	Madison,	Mr. Campbell's.
*Samuel P. Clark,	Montrose,	No. 24, N. C.
†George F. Clark,	Lamartine,	" 27, N. C.
- Daniel W. Dawes,	Malta, O.	
†Jonas B. Everett,	Stone Mills, N. Y.	" 7, N. C.
- †Edward J. Foster,	Mayville,	
*Philander W. French,	Fitchburg,	" 27, N. C.
Almerin Gillett,	Springfield,	" 11, N. C.
†Henry L. Gray,	Madison,	Mr. Gray's.
- †Abner Gunsolus,	Rutland,	
- †John Harrington,	Beloit,	
†Louis N. Hauck,	Belleville, Ill.	No. 25, N. C.
†James B. Hayes,	Ashipun,	" 23, N. C.
Thomas M. Haynes,	Black Earth,	" 26, N. C.
†Clement L. Hart,	Hutisford,	" 10, N. C.
†George L. Hopson,	Le Claire, Iowa.	" 7, N. C.
Nicholas H. Iglehart,	Cincinnati, O.	
†William H. Keepers,	Madison,	Mr. Keeper's.
Charles W. Leavens,	Caldwell's Pr'ie.	No. 20, S. C.
- †Henry B. Lighthizer,	Madison,	
- Charles E. Lum,	Hanchettville,	
Andrew J. McFarlane,	Portage,	" 24, S. C.
†Jefferson C. McKenney,	North Leeds,	" 17, N. C.
†Edward G. Miller,	Sweet Home,	" 17, N. C.
*Milton T. Morris,	Maquoteta, Iowa.	" 22, N. C.
†Lucas W. Needham,	Winona, Minn.	" 23, S. C.
†Louis J. Patch,	St. Peter, Minn.	" 24, S. C.
- †Henry Ramsay,	Schenectady, N.Y.	
†Almon Smith,	Monroe,	
†Algernon S. Smith,	Louisville, Ky.	" 27, S. C.
Henry D. Smith,	Verona,	" 28, N. C.
- †Joseph D. Tredway,	Madison,	Mr. Tredway's.
†George W. Vroman,	Fitchburg,	No. 20, N. C.
†Henry B. Williams,	Janesville,	N. C.
†Martin H. Wilson,	Monomomie,	Mr. Lawrence's.

## PREPARATORY CLASSES.

Name.	Town.	State.
John S. Abbott,	Madison,	Wisconsin.
J. Schuyler Babcock,	Columbus,	do
- Myron A. Baker,	Paris,	do
William H. Ball,	Monroe,	do
Elisha H. Biggs,	Williamsport,	Pennsylvania.

\* Omitting Greek.

† Attached to the Class.

Name.

Town.

State.

Duane D. Bird,	Madison,	Wisconsin.
Dennis Birdseye,	Columbus,	do
William A. Booth,	Madison,	do
Wilmot A. Booth,	do	do
B. L. Brisbane,	Arena,	do
Lowndes Brisbane,	Madison,	do
Charles C. Brown,	Cambridge,	do
Harvey M. Brown,	Columbus,	do
Franklin B. Bryant,	Rushville,	New York,
William D. Burwell,	Madison,	Wisconsin,
Ezra M. Carr,	do	do
Alvan F. Clark,	Montrose,	do
James Clark,	do	do
Peter Clark,	do	do
Lewis J. Clark,	Colburn,	Canada West,
Albert R. Cleveland,	York,	Wisconsin.
Charles O. Collins,	Madison,	do
Joseph Curtis,	Richland,	do
Benjamin D. Dawes,	Newport,	do
Jeremiah H. Douglas,	Burke,	do
Lewis F. Dunn,	Elk Grove,	do
Charles O. Eaton,	Madison,	do
Melville Eggleston,	do	do
Duane S. Everson,	Elkhorn,	do
James A. Falkner,	Madison,	do
George H. Fisher,	New Rutland,	Illinois.
Arthur Gleason,	Madison,	Wisconsin.
Henry H. Helms,	Fitchburg,	do
Robert H. Henry,	Verona,	do
Charles N. Hodgdon,	West Milan,	N. Hampshire.
Charles A. Hoover,	Milwaukee,	Wisconsin.
Elijah D. Hunt,	Madison,	do
Edward A. Hyde,	Kenosha,	do
Addison C. Jackson,	Madison,	do
James A. Jackson,	do	do
William S. Jackson,	do	do
Charles D. Jones,	do	do
William C. Jones,	Decatur,	do
James E. Karns,	Madison,	do
Uri Laskey,	Hampden,	do
Herbert A. Lewis,	Windsor,	do
Robert Mc. McBride,	Mansfield,	Ohio.
John R. McConnell,	Madison,	Wisconsin.
James W. Naughten,	Milwaukee,	do
Warren Nye,	Fitchburg,	do



Name.

Town.

State.

William L. O'Connor,	Clayton,	New York.
Obed A. Palmer,	Milwaukee,	Wisconsin.
Rollin E. Pierce,	Pierceville,	do
Myron S. Piper,	Madison,	do
George K. Powers,	do	do
Oliver S. Putman,	Brodhead,	do
Frank M. Rockwell,	Geneva,	do
Omer Shepard,	Oregon,	do
Samuel W. Smith,	Mineral Point,	do
John W. Thomas,	Clark,	Canada West.
Levi M. Vilas,	Madison,	Wisconsin.
George Ward,	Fort Atkinson,	do
Daniel G. Williams,	Madison,	do
Cornelius E. Williams,	Sweet Home,	do
Henry C. Williamson,	Bedford,	New York.
George V. Weeks,	Lyons,	Wisconsin.

## COMMERCIAL CLASS.

[Entrances during the First Term.]

Benjamin D. Atwell,	Madison,	Wisconsin.
Horace Bradford,	Taunton,	Massachusetts
Ed. P. Brooks,	Madison,	Wisconsin.
Wilmot A. Booth,	do	do
William A. Booth,	do	do
J. S. Babcock,	Columbus,	do
M. L. E. Brooks,	Madison,	do
D. H. Brooks,	do	do
Franklin Bryant,	do	do
Robert Ball,	do	do
Warren Cole,	do	do
Harvey Conley,	do	do
S. P. Clark,	Montrose,	do
T. V. Cashen,	Madison,	do
John A. Dearborn,	do	do
Jas. N. Dewolf,	do	do
J. M. Eskew,	do	do
Geo. B. Edwards,	do	do
E. B. Guild,	do	do
Geo. L. Hopson,	Le Claire,	Iowa.
James Hogan,	Madison,	Wisconsin.
H. B. Jobes,	Albany,	do
A. Jackson Krum,	Madison,	do
Charles H. Kellogg,	do	do
Gotfried Kribbs,	do	do

Name.	Town.	State.
Edwin Larkin,	Madison,	Wisconsin.
J. J. Myers,	do	do
A. Menges,	do	do
Frank Munger,	do	do
L. J. Patch,	St. Peter,	Minnesota.
Joseph S. Paine,	Madison,	Wisconsin.
John Reynolds,	do	do
Addison A. Sterling,	Sterlingville,	Pennsylvania.
Halle Steensland,	Madison,	Wisconsin.
Frank Smith,	do	do
William F. Vilas,	do	do

## COMMERCIAL CLASS.

[Entrances during the First Term.]

Wisconsin.	Madison.	Benjamin D. Atwell,
Massachusetts.	Tamworth.	Herace Bradford,
Wisconsin.	Madison.	Ed. P. Brooks,
do	do	Willmot A. Booth,
do	do	William A. Booth,
do	Columbus.	J. S. Babcock,
do	Madison.	M. I. E. Brooks,
do	do	D. H. Brooks,
do	do	Franklin Bryant,
do	do	Robert Ball,
do	do	Warren Cole,
do	do	Harvey Conley,
do	Montrose.	S. P. Clark,
do	Madison.	T. V. Casper,
do	do	John A. Dearborn,
do	do	Gas. N. Dewolf,
do	do	J. M. Eskew,
do	do	Geo. B. Edwards,
do	do	E. B. Gild,
do	do	Geo. L. Hopson,
Iowa.	Le Claire.	James Hogan,
Wisconsin.	Madison.	H. B. Jones,
do	Albany.	A. Jackson Kinn,
do	Madison.	Charles H. Kellogg,
do	do	Gottfried Kripps,
do	do	

# SUBJECTS OF INSTRUCTION

## IN THE

### DEPARTMENT OF SCIENCE, LITERATURE AND THE ARTS.

#### CLASSICAL COURSE.

##### FIRST YEAR.

*First Term.*—Algebra, Loomis'.  
Livy.  
Herodotus.  
History of United States.

*Second Term.*—Algebra.  
Plane Geometry.  
Livy.  
Herodotus.  
General History.

*Third Term.*—Solid Geometry.  
Plane Trigonometry.  
Horace,—Odes.  
Homer,—Iliad.  
English Language.

##### SECOND YEAR.

*First Term.*—Mensuration, Surveying, and Navigation.  
Engineering.  
Horace,—Satires.  
Homer,—Iliad.  
Fasquelle's French Course.  
Colloquial Reader.



*Second Term.*—Analytic Geometry.  
Cicero,—De Oratore.  
Isocrates.  
Fasquelle's Napoleon.  
Picciola.

*Third Term.*—Calculus.  
Tacitus,—History.  
Æschylus,—Prometheus.  
Translations into French.  
Collet's Dramatic Reader.

### THIRD YEAR.

*First Term.*—Mechanical Philosophy.  
General Physics.  
Tacitus,—Germania.  
Demosthenes,—De Corona.  
Rhetoric and English Literature.  
German Reader,—Woodbury.

*Second Term.*—Spherical Trigonometry.  
Mechanical Philosophy.  
General Physics.  
Juvenal.  
Æschylus,—Agamemnon.  
Schiller's Thirty Years' War.  
Mental Philosophy,—Intellectual Powers.

*Third Term.*—Astronomy.  
Meteorology.  
Quintilian,—Book Tenth.  
Plato,—Gorgias.  
Mental Philosophy,—Active Powers.  
Logic.  
Translations into German.  
Adler's Hand Book.

### FOURTH YEAR.

*First Term.*—Ethics.  
International Law.  
History of Philosophy.  
Chemical Philosophy.  
Becker's German Grammar.  
Adler's Hand Book.

*Third Term.*—Political Economy.

Geology.  
Botany.  
Physiology.  
Goethe's Faust.  
Writing German.

The chart, on the next page, will present to the eye, in another form, the subjects of study in their order.

Second Term.—Civil Polity.  
Constitutional Law.  
Chemistry of the Metals.  
Organic Chemistry.  
German Drama,—Goethe and Schiller.

Third Term.—Political Economy.  
Geology.  
Botany.  
Physiology.  
Goethe's Faust.  
Writing German.

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The chart, on the next page, will present to the eye, in another form, the subjects of study in their order.

Year.	Term.	TABULAR STATEMENT OF SUB-GRADUATE COURSE.			EXTRA COURSE.
FIRST.	1	Algebra.	Livy. Herodotus.	History of U. S.	
	2	Algebra. Plane Geometry.	Livy. Herodotus.	General History.	
	3	Solid Geometry. Plane Trigonometry.	Horace.—Odes. Homer.—Iliad.	English Language.	
SECOND.	1	Mensuration, Surveying, Nav., Engineering.	Horace.—Satires. Homer.—Iliad.		Fasquelle's French Course. Colloquial Reader.
	2	Analytic Geometry.	Cicero.—De Oratore. Isocrates.		Fasquelle's Napoleon. Colloquial Reader.
	3	Calculus.	Tacitus.—History. Aeschylus.—Prometheus.		Translation into French. Collet's Dramatic Reader.
THIRD.	1	Mechanical Philosophy. General Physics.	Tacitus.—Germania. Demosthenes.—De Corona.	Rhetoric. English Literature.	German Reader.
	2	Spherical Trigonometry. Mechanics. Physics.	Juvenal. Aeschylus.—Agamemnon.	Mental Philosophy—Intellectual Powers.	Schiller's Thirty Years War.
	3	Astronomy, Meteorology.	Quintilian.—Book Tenth. Plato.—Gorgias.	Mental Philosophy.—Active Powers. Logic.	Translations into German. Adler's Hand Book.
FOURTH.	1	Chemical Philosophy.	Ethics, International Law.	History of Philosophy. Christian Evidences.	Becker's German Grammar. Adler's Hand Book.
	2	Chemistry of the Metals, Organic Chemistry.	Civil Polity. Constitutional Law.		German Drama.—Goethe and Schiller's
	3	Geology. Botany. Physiology.	Political Economy, History of Civilization.		Goethe's Faust. German Composition.



## SCIENTIFIC COURSE.

A parallel course of study, under the above designation, equivalent to the classical course, occupying four years, will be arranged under an ordinance of the Board of Regents, for the benefit of such students as desire to substitute advanced scientific studies, for the Latin and Greek languages and literature. This course will be set forth in the next annual report. In the mean time, Scientific students may pursue, in connection with the present University Classes, branches of study which will be common to the two courses. In order to a ready selection, the following table will set forth all the common subjects of study, for the year, arranged by terms:

FIRST TERM: Beginning the third Wednesday of September.	SECOND TERM. Beginning the first Wednesday in January.	THIRD TERM. Beginning the fourth Wednesday of April.
Algebra.	Plane Geometry.	Solid Geometry.
Plane Trigonometry.	Analytical Geometry.	Plane Trigonometry.
Mensuration.	Spherical Trigonometry.	Calculus.
Surveying, Navigation.	Mechanics, Physics.	Astronomy.
Engineering.	Chemistry of the Metals.	Meteorology.
Mechanical Philosophy.	Organic Chemistry.	Geology.
General Physics.	Civil Polity.	Botany.
Chemistry.	Constitutional Law.	Physiology.
Ethics.	General History.	Political Economy.
International Law.	Mental Philosophy.	Hist. of Civilization.
History of U. S.	French Language.	English Language.
Rhetoric.	German History—Schiller.	(its history & analysis.)
English Literature.	German Drama,—Goethe, and Schiller.	Mental Philosophy.
History of Philosophy.		French Drama.
Christian Evidences.		Adler's Hand Book, (German.)
French Language.		German Composition.
German Language.		

## ENTRANCE.

Candidates for entrance upon the first year of the Classical Course, in the University, must be able to pass an examination in the studies embraced in the following curriculum, covering three years for young beginners. Admission will depend on examination, and not on the length of time spent in preparation:

Year.	Term.	STUDIES.	STUDIES.	STUDIES.
FIRST.	1.	Latin Grammar, Latin Reader.	Higher Arithmetic.	English Grammar.
	2.	Latin Grammar and Reader.	History.	English Grammar.
	3.	Latin Reader.	History.	English Composition,
SECOND.	1.	Cæsar's Commenta- ries.	History.	Greek Lessons, (Crosby's.)
	2.	Cæsar.	Elementary Algebra.	Greek Lessons.
	3.	Cicero.	Elementary Algebra.	Greek Lessons.
THIRD.	1.	Cicero.	Higher Algebra.	Anabasis, (Crosby's.)
	2.	Virgil.	Algebra.	Anabasis.
	3.	Virgil.	Plane Geometry.	Anabasis.

The subjects of study belonging to the Department of Science, Literature, and the Arts, are distributed under the following heads:—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.

## ETHICAL AND POLITICAL SCIENCE.

JOHN H. LATHROP, LL. D., *Professor.*

The instructions of this chair are rendered, in course, to subgraduates 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 to fit him for civil service in the same. The course occupies a 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; History of Civilization.

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.

*Summer 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.

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## MENTAL PHILOSOPHY, LOGIC, RHETORIC, AND ENGLISH LITERATURE.

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

The instructions of this chair are rendered to subgraduates of the first, third, and fourth years. An *extra* course on English Literature will be given annually to students not of the regular classes.

The course of instruction in *Intellectual Philosophy* embraces an analysis of the powers of the human mind, *active* and *moral*, as well as those denominated *intellectual*, the examination of those powers in reference to criticism, to teaching, to the improvement of the individual and the progress of society. It includes also, a critical review of the systems of philosophy, which have prevailed among men.

Logic is taught as to its principles and application; an outline of the laws of evidence and human belief is given; and in connexion with this part of the subject, the evidences of Christianity are examined.

Rhetoric, so far as relates to the subjects of *invention* and *disposition*, is taught by lectures, upon the basis of Quintillian and Cicero; and, as regards *style* and *criticism*, upon that of modern writers.

In the course of English Literature are included the history of the English language, an examination of its elements,

powers, and grammar, and the history of English Literature in its various departments.

In *history* Webber's outlines will be used as a text-book, and a course of lectures will be given on the civil history of the United States.

## MATHEMATICS AND NATURAL PHILOSOPHY.

J. W. STERLING, A. M., PROFESSOR.

The studies of this Chair, as at present arranged, are as follows:

### *First Year.*

- Terms. { 1. Algebra.  
2. do  
3. Solid Geometry and Plane Trigonometry.

### *Second Year.*

- Terms. { 1. Mensuration, Navigation, Surveying, Engineering.  
2. Analytical Geometry.  
3. Calculus.

### *Third Year.*

- { 1. Analytical Mechanics, General Physics, (Lectures.)  
2. Analytical Mechanics, General Physics, (Lectures), Spherical Trigonometry.  
3. Astronomy, Meteorology, (Lectures.)

The course in Physics and Meteorology, consists of two lectures per week, running through the year. The hour of the lecture does not interfere with any other exercise. The object of this arrangement is to enable all who choose to attend this as a fourth exercise.

The course in Surveying and Civil and Mechanical Engineering, Thomas D. Coryell, A. B., Instructor, is intended,

1st. Fully to prepare the student to discharge the active duties of the Surveyor and Engineer.

2d. To discipline and strengthen the mental faculties by rendering the instruction in the manner best adapted to the purposes of education.

This department has been opened during the Fall term by instruction in the theory and practice of surveying and Civil Engineering. A knowledge of Algebra, Geometry, and Trig-



onometry is required as a preparation for admission to the field exercises.

From the beginning of the next year, Mechanical Engineering, Architecture and Drawing will be embraced in this course, in addition to the above. The order of study is not yet arranged, but will be announced before the beginning of the year.

## CHEMISTRY, NATURAL HISTORY AND THEIR APPLICATIONS.

EZRA S. CARR, A. M., 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 faculty of communicating his knowledge.

The subjects discussed embrace a full illustration of all the topics of theoretical or practical importance, and their applications to the useful arts, the processes of common life, Agriculture, Philosophy, &c.

### *Fall Term.*

Chemical Philosophy, Chemistry of the Non-Metallic Elements, Fuel, Heating, Lighting, Ventilation, &c.

### *Winter Term.*

Chemistry of the Metals and Metallurgy, Organic Chemistry, including the Chemistry of Animal and Vegetable Life, the Preparation, Preservation, Uses of food, &c.

### *Spring and Summer Term.*

**BOTANY.**—The Plant being first considered as an individual in reference to the nature and processes of vegetable life; Second, its relation to other plants, or the Vegetable Kingdom; Third, its uses.

**GEOLOGY.**—Considered especially in relation to the uses of rocks, and their relations to useful minerals.

*Text Books.*

CHEMISTRY.—Silliman, Regnault, Gmelin, Johnston's Chemistry of Common Life, Tounsand's Hand Book of Household Science, Knapp's Technology.

BOTANY.—Wood, Grey's Works, Lindley's Vegetable Kingdom.

GEOLOGY.—Hitchcock's, Lyell, Delabeche, Geological Reports of the different States.

## ANCIENT LANGUAGES AND LITERATURE.

JAMES D. BUTLER, A. M., PROFESSOR.

## COURSE OF STUDY.

*First Year.*

## LATIN.

- Terms. { 1. Livy.  
2. Livy.  
3. Horace—Odes.

## GREEK.

- Terms. { 1. Herodotus, or Felton's Historical Selections.  
2. The same continued.  
3. Homer—Iliad.

*Second Year.*

## LATIN.

- Terms. { 1. Horace—Satyrs.  
2. Cicero de Oratore.  
3. Tacitus—History.

## GREEK.

- Terms. { 1. Homer—Iliad.  
2. Socrates—Panegyricus.  
3. Aeschylus—Prometheus.

*Third Year.*

## LATIN.

- Terms. { 1. Tacitus—Germania and Agricola.  
2. Juvenal.  
3. Quintilian—Book Tenth.

## GREEK.

- Terms. { 1. Demosthenes de Corona.  
2. Aeschylus—Agamemnon.  
3. Plato—Georgias.



Those candidates for the degree of A. B., who so choose, are permitted to pursue Modern Languages in place of the Ancient, through the third year.

Latin and Greek will be taught, when necessary, from their elements; but, the University course proper, will embrace not only composition in those tongues, but a wide range of classical reading. It will be required that all translations aim at that accuracy, promptness, force, and beauty of expression, which such a training is suited to bestow.

Classical Geography will be illustrated by Kiepert's mural maps, the whole series of which hangs in the class-room. The light always radiating from words upon things, as on religion, art, philosophy, nationality, and the whole manner of ancient life, will be daily traced. No pains will be spared to make the classical languages elucidate our own vernacular. Throughout the curriculum, the study will be an exercise, not of mere verbal memory, but of philosophical memory, of discrimination; of rendering reasons; and of research, concerning things, no less than words.

The time needful for completing this course will vary with the diligence and previous attainments of students.

Among the reference books which it is desirable that philosophical students should have on their tables—in addition to the grammars, of Crosby for Greek and Andrews for Latin, and the lexicons of Andrews for Latin and Liddell and Scott for Greek, may be mentioned:

Rich's Companion to the Latin Dictionary and Greek Lexicon.

Smith's Dictionary of Greek and Roman Geography, Biography, Mythology and Antiquities. 6 vols. 8vo.

Doederlin's, or Ramshorn's Latin Synonyms.

Finlay's Classical Atlas.

Becker's Gallus and Charicles.

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## MODERN LANGUAGES AND LITERATURE.

JOSEPH C. PICKARD, A. M., *Professor*.

The instructions of this Chair will embrace,

1st. The French and German languages and their Literature.

2nd. Comparative Philology and the principles of the Science of Language.

There are two classes in German, one for beginners, the other for more advanced students.



Extra instruction will be given, when desired, in Italian and Spanish, and in the English in its Anglo-Saxon forms.

#### FRENCH.

*First Term.*—Fasquelle's French Course.

“ “ Colloquial Reader.

*Second Term.*—Fasquelle's Course, continued.

“ Napoleon.

Picciola.

*Third Term.*—Translations into French.

Collot's Dramatic French Reader.

#### GERMAN.

*First Year.*

*First Term.*—Woodbury's Method, and Reader.

*Second Term.*—do. do.; Schiller's 30 Years War.

*Third Term.*—Translations into German; Adler's Handbook.

*Second Year.*

*First Term.*—Becker's Grammar; Adler's Handbook.

*Second Term.*—do. do.; Schiller's and Goethe's dramas.

*Third Term.*—Goethe's Faust; Writing German.

## BOOK-KEEPING AND COMMERCIAL CALCULATIONS.

DAVID H. TULLIS, *Instructor.*

This school has for two years been in successful operation in the City of Madison under the denomination of “Bacon's Commercial College.” It is now a part of the University, and will soon be transferred to the rooms designed for it in the main edifice. At present rooms are occupied in Bruen's Block. The course of study consists of,

1st. Double Entry Book-Keeping, embracing the various departments of Trade and Mercantile accounts, viz: Wholesale and Retail, Stock and Partnership Books, Shipping, Steam Boating, Railroadings, Banking, Manufacturing, Commission, Joint Stock, and Company Business.

2nd. Commercial calculations, comprising the system of calculations appertaining to Percentage, Equation of Payments, Compound Equations, Exchange, (Domestic and Foreign), Arbitration of Exchange, General Average, Arbitration of Merchandise, Tonage of Vessels, Storage, and Custom House Transactions.

3d. Business Penmanship.

4th. Commercial Forms and Correspondence, including Forms of Invoices, Accounts current, Account Sales, Bills of Lading, Promissory Notes, Orders, Checks, Drafts, Bills of Exchange, Articles of Copartnership, and Business Letters.

5th. Lectures on Customs of Merchants, Rules of Trade, &c., &c.

It is the purpose of the Board of Regents in the establishment of this Instructorship, to afford the student an ample opportunity to qualify himself for prosecuting the Mercantile Profession in any Department, and to any extent.

Students are taught separately and not in classes, and can enter at any time they choose.

## NORMAL DEPARTMENT.

DIDACTICS, OR THEORY AND ART OF TEACHING.

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

In this school a course of Lectures was delivered during the summer term on various topics relating to education and the preparation of teachers for their profession. These lectures were open to the body of students, and were attended as to part of the course by a majority of the whole number.

The subjects embraced in the course were such as the following: Education—what is it?; physical education; intellectual education; 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.

As a part of the course, students also were appointed to prepare and read papers on subjects of special interest relating to education, and to institutions for promoting learning.



The Board of Regents have taken measures to make the training and instruction of teachers a prominent part of the work of the University in the scheme of State education. To this end, the Hon. Henry Barnard, Chancellor elect of the University, who has made Normal Schools a subject of special attention, is to render his service as a Professor in this School, with such aid from other Professors as may be necessary to carry out complete plan of Normal instruction.

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## PREPARATORY COURSES.

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

In accordance with the ordinance of the Board, preparatory instruction will continue to be rendered to students desirous of entering the University Schools, until such time as the system of public instruction shall be so far perfected, that the graded schools of the higher order, may assume the preparatory instruction of the youth of the State. The Board assign the close of the academic year 1862-3, as the period, from and after which, this school, as an attachment to the University, shall be entirely dispensed with. While it continues in operation, the most ample provision will be made for the faithful and thorough instruction of all such as choose to avail themselves of its advantages.

For the subjects of study embraced in the preparatory course, reference is made to the schedule on a preceding page.

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## UNIVERSITY SCHOOLS.

The foregoing chairs belong to the Department of Science, Literature, and the Arts, and are arranged by ordinance of the Board, into the following schools, namely:

### SCHOOL OF PHILOLOGY.

HENRY BARNARD, LL. D., *Chancellor.*

DANIEL READ, LL. D.,

Professor of Mental Philosophy, Logic, Rhetoric, and English Literature.

J. H. LATHROP, LL. D.,

Professor of Ethical Philosophy.



The subjects of study in this school are Mental Science, Logic, History, Æsthetics, and English Literature.

### SCHOOL OF PHILOSOPHY.

HENRY BARNARD, LL. D., *Chancellor.*

JAMES D. BUTLER, A. M.,  
Professor of Ancient Languages and Literature.

JOSEPH C. PICKARD, A. M.,  
Professor of Modern Languages and Literature.

DANIEL READ, LL. D.,  
Professor of English Literature.

The subjects of study in this school are Ancient Languages and Literature—Modern Languages and Literature.

### SCHOOL OF POLITY.

HENRY BARNARD, LL. D., *Chancellor.*

JOHN H. LATHROP, LL. D.,  
Professor of Ethical and Political Science.

DANIEL READ, LL. D.,  
Lecturer on International Law.

DAVID H. TULLIS,  
Instructor in Commercial Science.

The subjects of instruction in this school are General Ethics, Political Ethics, Constitutional Law, International Law, Political Economy, and History of Civilization.

### SCHOOL OF NATURAL SCIENCE.

HENRY BARNARD, LL. D., *Chancellor.*

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

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

JOHN H. LATHROP, LL. D.,  
Professor of Ethical and Political Science.

DANIEL READ, LL. D.,

Professor of Mental Philosophy, Logic, Rhetoric, and English Literature.

JOSEPH C. PICKARD, A. M.,

Professor of Modern Languages and Literature.

The subjects of study in the school of Natural Science are Chemistry and its applications, Natural History, General Physics, Mathematics, Physiology, and Hygiene, Ethics, Æsthetics, English Language and Literature, and Modern Languages and Literature.

## SCHOOL OF CIVIL AND MECHANICAL ENGINEERING.

HENRY BARNARD, LL.D., *Chancellor.*

JOHN W. STERLING, A. M.,

Professor of Mathematics and Natural Philosophy.

T. D. CORYELL, A. B.,

Instructor in Surveying and Engineering.

EZRA S. CARR, M. D.,

Professor of Chemistry and Natural History.

DANIEL READ, LL.D.,

Professor of Mental Philosophy, Logic, Rhetoric, and English Literature.

JAMES D. BUTLER, A. M.,

Professor of Ancient Languages and Literature.

JOSEPH C. PICKARD, A. M.,

Professor of Modern Languages and Literature.

The subjects of study in this School are Mathematics, and Practical Engineering, Architecture and Drawing, Natural History, General Physics, Physiology and Hygiene, English Language and Literature, Latin, or two of the Modern Languages.

## SCHOOL OF AGRICULTURE.

The Board of Regents, at their meeting in July, 1858, resolved to open this University School, as soon as the clear income of the University Fund, applicable to instruction, should reach \$16,000 per annum; or sooner, if a full professorship of Agricultural Science should be endowed from other sources.



ces. In the mean time the applications of Science to Agriculture and the useful Arts will be taught in the School of Natural Science.

The subjects of study in this School are: Theory and Practice of Agriculture, Chemistry and its Applications, Natural History, General Physics, Physiology and Hygiene, Mathematics, English Language, and Literature, Ethics and Political Economy, Rural Economy and Veterinary Art.

In the Department of the THEORY AND PRACTICE OF INSTRUCTION, there is one University School, to wit:

### THE NORMAL SCHOOL.

HENRY BARNARD, LL. D., *Chancellor,*

And Professor of Normal Instruction.

DANIEL READ, LL. D.,

Professor of Mental Philosophy, Logic, Rhetoric and English Literature.

JOHN W. STERLING, A. M.,

Professor of Mathematics and Natural Philosophy.

EZRA S. CARR, M. D.,

Professor of Chemistry and Natural History.

JOHN H. LATHROP, LL. D.,

Professor of Ethical and Political Science.

This School will be opened, after January, 1859, under the special charge of Henry Barnard, LL. D., Chancellor elect of the University.

Normal instruction has hitherto been rendered by Professor Daniel Read, of the School of Philosophy.

The subjects of Study in this School are: Theory and Practice of Teaching, English Language and Literature, Mathematics, Physiology and Hygiene, Natural History, General Physics, Political Economy, Mental and Moral Science, and Aesthetics.

### DEGREES.

The student who shall have completed the full Classical Course, and passed satisfactorily the required examinations, will be entitled to the degree of *Bachelor of Arts*.

A successful prosecution of the same pursuits, for three additional years, will entitle him to the degree of *Master of Arts*.



The student who shall have completed the Scientific Course, and passed the required examination, will be entitled to the degree of *Bachelor of Philosophy*.

Three years successful prosecution of the same studies will entitle him to the degree of *Master of Philosophy*.

Any student who has completed the course of study embraced in either of the foregoing schools will be entitled to a diploma, certifying him to be a graduate of said school.

The studies of the Normal School will extend over a period of two years; and any student who shall, during this time, diligently and successfully prosecute the same, will be entitled to a *First Class English Certificate*.

If to these studies, be added the Ancient and Modern Languages, the student will be entitled to a Diploma.

Students who shall have successfully pursued a select course of study, will be entitled to a Certificate.

### TERMS OF ADMISSION.

Candidates for admission to the University class of the first year, must pass a satisfactory examination in the preparatory studies set forth in the schedule.

Candidates for advanced standing are also examined in the studies to which the class they propose to enter have attained.

Applicants for admission must present testimonial of good moral character, and students coming from other colleges a certificate of honorable dismissal.

It is provided in the by-laws, that no student shall be admitted by the Chancellor to residence in the buildings, or to the exercises of any term, till the charges for tuition and room for study and lodging, shall have been paid, in advance.

### ACCOMMODATIONS.

The University edifices contain public rooms for recitation, lecture, library, cabinet, etc.; study and lodging rooms for students; apartments for the residence of some of the families of the Faculty; and a large dining hall for the board of the Faculty and students. A laundry is also attached to the establishment. The buildings are warmed, during the winter, by furnaces in the basement.

Furniture, for lodging and study rooms, must be furnished by the student,

### RECITATIONS, ETC.

Each class attends three recitations or lectures daily. There are also frequent exercises in declamation and composition.

## EXAMINATIONS.

Each term is closed by a public examination of all the classes, at which every member of each class is required to be present. The examination of candidates for the degree of A. B., will be holden three weeks before commencement.

## LIBRARY, APPARATUS, ETC.

The library, which is open to all the students of the University, comprises over three thousand volumes, and will receive yearly addition by the purchase of the most valuable standard works.

In the cabinet of minerals, there are over four thousand specimens, and the whole is of great scientific value. Full suits of specimens, collected in the geological survey of the State, are directed by law to be deposited in the University.

The Farwell collection of specimens in Natural History, recently donated to the University, is in excellent condition, and is of high scientific and instructional value.

The Philosophical and Chemical apparatus is well selected for most purposes of scientific illustration, and will be annually increased.

## LITERARY SOCIETIES.

The Literary Societies, the Hesperian and Athenæan, are valuable aids in the intellectual training of the student. Each has a Library of several hundred volumes.

## MERIT ROLL.

A permanent record is kept of the daily attendance, conduct, and recitations of each student; and information of his standing communicated, from time to time, to his parent or guardian.

## RELIGIOUS EXERCISES.

The students are assembled at prayers daily, in the chapel of the University, at the morning hour for commencing study and recitation.

A portion of the students have formed themselves into a class for Biblical instruction, which holds a session of one hour every Sabbath afternoon. At their request Prof. Butler conducts the exercises of the class, which consists mainly of a critical examination of a portion of the New Testament. Several members of the Faculty and of their families participate in these exercises.



## TERMS.

The collegiate year is divided into three terms or sessions, of thirteen weeks each, beginning as follows :

1. The third Wednesday of September.
2. The first Wednesday of January.
3. The fourth Wednesday of April.

Commencement anniversary, the fourth Wednesday of July.

## BOARDING, ETC.

The families of several of the members of the Faculty reside in the buildings, and take their meals in the hall. Students are admitted to the several tables of the Faculty at a charge not exceeding two dollars per week.

Many of the students board themselves at their rooms, at rates varying from \$1 to \$1 50 per week.

Washing is done in laundry for forty four cents per dozen.

As the expenses of this establishment are to be defrayed out of the current receipts, it is strictly provided, that no student shall be admitted to board in the hall, till he shall have deposited, with the Steward or the Chancellor, \$25 for the term of thirteen weeks, or at the rate of two dollars per week for any less time ; also \$5 for washing—the proper drawback in each case, if any, to be paid to the student, at the close of the term.

Furniture for private study and dormitory, may be purchased at reduced prices of the locating officer, by the student, 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.

## EXPENSES.

Tuition, per term,	\$4 00
Room,	3 00

The bill of wood for furnace heat is three dollars per term.

These comprise all the University charges, except for actual damage done by the student. Occasions for this item of charge are very rare.

The expenses for the University year may, therefore, be summed up as follows :



For Tuition,	\$12 00
Room,	9 00
Heat, (deduct \$2 for April term,)	7 00
Board, (maximum,)	75 00
Washing, (\$5 per term, deposited,)	15 00
Total,	<hr/> \$118 00

The drawback on the two latter items of charge, may reduce the total amount some ten or twelve dollars.

#### 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.