

# **Catalogue and circular of the Wisconsin State University, for the year ending September 30, 1859. 1859**

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

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BOARD OF REGENTS.

G.

CATALOGUE AND CIRCULAR

OF THE

WISCONSIN STATE UNIVERSITY,

FOR THE

Year Ending September 30, 1859.



# FACULTY.

HENRY BARNARD, LL.D.

## BOARD OF REGENTS.

Professor of Ethical and Political Science.

DANIEL READ, LL.D.

HENRY BARNARD,	Chancellor, <i>ex-officio</i> ,	Madison.
DAVID W. JONES,	Secretary of State, <i>ex-officio</i> ,	Madison.
LYMAN C. DRAPER,	Sup't of Pub. Inst., <i>ex-officio</i> ,	Madison.
ALFRED L. CASTLEMAN,	Term expires Jan. 1861,	Milwaukee.
NATHANIEL W. DEAN,	" "	Madison.
SAMUEL L. ROSE,	" "	Watertown.
LEVI B. VILAS,	" "	Madison.
JOHN G. MCMYNN,	Term expires Jan. 1863,	Racine.
JOSIAH L. PICKARD,	" "	Platteville.
CARL SCHURZ,	" "	Milwaukee.
HORACE A. TENNEY,	" "	Madison.
O. M. CONOVER,	Term expires Jan. 1865,	Madison.
MOSES M. DAVIS,	" "	Portage City.
NELSON DEWEY,	" "	Cassville.
HARRISON C. HOBART,	" "	Chilton.
JAMES D. RUGGLES,	<i>Secretary</i> ,	Madison.
NATHANIEL W. DEAN,	<i>Treasurer</i> ,	Madison.

O. M. CONOVER, A.M.

Principal of Preparatory Department in Public High School.





## FACULTY.

---

HENRY BARNARD, LL.D.,  
CHANCELLOR.

.....\*

Professor of Ethical and Political Science.

DANIEL READ, LL.D.,  
Professor of Mental Science, 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.

DAVID BOSWELL REID, M.D., F.R.S.E.,  
Professor of Physiology, and Hygiene, and Director of Museum of  
Practical Science.

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

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

THOMAS D. CORYELL, A.M.,  
Instructor in Surveying and Engineering.

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

O. M. CONOVER, A.M.,  
Principal of Preparatory Department in Public High School.

\* Vacant by the resignation of J. H. LATHROP, LL.D.

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Instructor in Surveying and Engineering.

DAVID H. TUTTLE,

Instructor in Commercial Calculations and Book-keeping.

O. M. CONOVER, A.M.,

Principal of Preparatory Department in Public High School.

\* Vacant by the resignation of J. H. LATROUS, LL.D.

# UNDERGRADUATES.

(ALPHABETICALLY ARRANGED.)

## GRADUATING CLASS, JULY, 1859.

NOTE.—C, Classical; S, Scientific; P, Preparatory; †, Studying Latin.

NAME.	COURSE.	RESIDENCE.
ALEX. C. BOTKIN,	C	Madison.
HILL C. BRADFORD,	S	Culpepper Co., Va.
LEONARD S. CLARK,	C	San Francisco, Cal.
SAMUEL FALLOWS,	C	Hanchettville.
EDWARD B. GUILD,	C	Madison.
ELBERT O. HAND,	C	Lyons.
EDWIN MARSH,	C	Beaver Dam.
PHILIP C. SLAUGHTER,	S	Culpepper C. H., Va.



# GRADUATING CLASS, JULY, 1850.

Note.—C, Classical; B, Scientific; P, Professional; L, Literary; T, Theological.

NAME.	COURSE.	RESIDENCE.
Alex. C. Borkin,	C	Madison.
Wm. G. Bradford,	S	Calhoun Co., Va.
Leonard S. Clark,	C	San Francisco, Cal.
Samuel Fallows,	C	Hanoverville.
Edward B. Guild,	C	Madison.
Ernest O. Hand,	C	Lyons.
Edwin Marsh,	C	Beaver Dam.
Philip C. Shapton,	S	Calhoun Co., Va.



# UNDERGRADUATES.

(ALPHABETICALLY ARRANGED.)

NOTE—C, Classical; S, Scientific; P, Preparatory; †, Studying Latin.

NAME.	COURSE.	RESIDENCE.
John S. Abbott,	P	Madison.
Geo. A. Abert,	S †	Milwaukee.
Gideon W. Allen,	S †	Trempealeau.
Richard Armstrong,	S †	Rome, N. Y.
Benj. D. Atwell,	P	Madison.
Wm. P. Atwell,	P	"
J. Schuyler Babcock,	S	Columbus.
Benj. T. Bailey,	S	Trenton.
Nelson R. Bailey,	S	Sun Prairie.
Farlin Q. Ball,	S †	Monroe.
William H. Ball,	P	"
M. Irving Barker,	S	Oregon.
Elisha H. Biggs,	P	Williamsport, Penn.
Moses Billings,	S	Columbus.
George W. Bird,	C	Madison.
Duane D. Bird,	S	"
Dennis Birdsey,	S	Columbus.
John W. Blake,	S †	Jefferson.
Thomas Bohan,	S	Hartford.
Harrison Bolender,	S	Oreco, Ill.
William A. Booth,	P	Madison.
Wilmot A. Booth,	P	"
Alfred L. Bostedo,	S †	Weyauwega.
Alex. C. Botkin,	C	Madison.
Cyril H. Brackett,	S †	"

NAME.	COURSE.	RESIDENCE.
Hill C. Bradford,	S †	Culpepper Co., Va.
Orville T. Bright,	S †	Elkhorn.
Lowndes Brisbane,	P	Madison.
James B. Britton,	C	"
Arthur L. Brooks,	C	"
Charles C. Brown,	S	Cambridge.
Elliott K. Brown,	S	Fond du Lac.
Harvey M. Brown,	P	Columbus.
Hobart Brush,	S	Waterloo.
James D. Butler, jr.,	P	Madison.
Cary M. Campbell,	S †	"
Ezra M. Carr,	S †	"
Ezra S. Carr, jr.,	P	"
William W. Church,	C	"
Geo. F. Clark,	S †	Lamartine.
James Clark,	S	Montrose.
Lewis J. Clark,	S	Colburn.
Leonard S. Clark,	C	San Francisco, Cal.
Peter Clark,	S	Montrose.
Samuel P. Clark,	S †	"
Thomas H. Clay,	S †	Lexington, Ky.
Henry B. Clay,	S	"
Webster J. Colburn,	S	Jefferson.
Leander M. Comins,	C	East Eddington, Me.
Hugh D. Cox,	S	Milford.
Ezekiel L. Craton,	P	Monroe.
Ambrose B. Curtis,	C	Madison.
Joseph Curtis,	P	Richland.
William S. Davenport,	C	Monroe.
Henry C. DeForest,	C	Madison.
John Dow,	S	Cambridge.
Henry Duffy,	S †	Fayette.
Lewis F. Dunn,	P	Elk Grove.
Charles O. Eaton,	P	Madison.
Brazier Ellis,	S	Westport.
Jonas B. Everett,	S	Stone Mills, N. Y.
Samuel Fallows,	C	Hanchettville.
Albert D. Folsom,	S	Waterloo.
Herrick A. Forbes,	S	Cascade.
Philander W. French,	S †	Fitchburg.

NAME.	COURSE.	RESIDENCE.
Andrew Gardner,	C	Weyauwega.
Henry Gardner.	C	Burke.
Almerin Gillett,	S †	Geneva.
Ery C. Gillett,	S	Oreco, Ill.
Arthur Gleason,	P	Madison.
Henry L. Gray,	S †	"
Charles G. Greenwood,	S	Abbott, Me.
Milton S. Griswold,	C	Waukesha.
Edward B. Guild,	C	Madison.
Thoms J. Hale,	C	Racine.
Azariah S. Hall,	C	Hanchettville.
Joseph G. Hall,	P	Monroe.
Paul Halverson,	S	Cottage Grove.
Elbert O. Hand,	C	Lyons.
John E. Hand,	S †	"
Clement L. Hart,	S	Hulisford.
Louis N. Hanck,	S	Belleville, Ill.
James B. Hayes,	S	Ashipun.
Thoms M. Haynes,	C	Black Earth.
John W. Heathcock,	S	Linden.
Henry H. Helms,	P	Fitchburg.
Stacy Hemenway,	S	Eugene City, Oregon.
Robert H. Henry,	S	Verona.
Charles A. Hoover,	P	Milwaukee.
George B. Hopkins,	P	Madison.
George L. Hopson,	P	Le Claire, Iowa.
Elijah D. Hunt,	S	Madison.
Addison C. Jackson,	P	"
William S. Jackson,	P	"
Jay Jennings,	P	Caledonia.
Charles D. Jones,	P	"
William C. Jones,	P	"
E. Herman Jones,	S	Oconomowoc.
William H. Keepers,	P	Madison.
Clarence Kellogg,	P	"
Michael Leahey,	C	Portland.
John Leahey,	S	"
Charles W. Leavens,	C	Caldwell's Prairie.
Herbert A. Lewis,	P	Windsor.
Fielding Mansfield,	S †	Madison, Indiana.



NAME	COURSE.	RESIDENCE.
Edwin Marsh,	C	Beaver Dam.
Robert Mac McBride,	S †	Mansfield, Ohio.
John R. McConnell,	P	Madison.
Aaron McCracken,	S †	Monroe.
Andrew J. McFarlane,	C	Portage.
Jefferson C. McKinney,	P	North Leeds.
James M. Mead,	S †	Whitewater.
Edward G. Miller,	P	Sweet Home.
Milton T. Morris,	P	Maquoteta, Iowa.
George W. Morse,	S	Bellville.
Eugene A. Nash,	C	Dayton, N. Y.
Lucas W. Needham,	P	Winona, Minn.
William L. O'Connor,	S †	Clayton.
Obed A. Palmer,	C	Milwaukee.
John B. Parkinson,	C †	Fayette.
John D. Parkinson,	C	Madison.
Louis J. Patch,	S	St. Peter, Minn.
Rollin E. Pierce,	S	Pierceville.
Myron S. Piper,	S	Madison.
George K. Powers,	P	"
William P. Powers,	C	"
Volney Rattan,	S †	Morefield.
Otis Remick,	S	Cornish, Me.
Aldis L. Rockwell,	P	Springfield.
Antinous A. Rowley,	S	Verona.
Harrison W. Sigworth,	S †	Fryburg, Pa.
Philip C. Slaughter,	S †	Culpepper C. H., Va.
Almon Smith,	S †	Monroe.
Algernon Sidney Smith,	S †	Louisville, Ky.
Byron Smith,	P	Madison.
Henry D. Smith,	C	Verona.
William E. Spencer,	C	Madison.
John C. Spooner,	P	"
Fred. T. Starkweather,	C	Milwaukee.
Addison A. Sterling,	S †	Sterlingville, Penn.
Isaac S. Stewart,	S †	Waukesha.
James W. Stillman,	S †	Westerly, R. I.
Emory W. Stone,	S	
John E. Sutton,	C	Hanchettville.
J. Dwight Tredway,	P	Madison.

NAME.	COURSE.	RESIDENCE.
Edward A. Valentine,	S	
Henry Vilas,	C	Madison.
Levi M. Vilas,	P	"
Thomas J. Vimont,	S †	Millersburg, Ky.
George W. Vroman,	S	Fitchburg.
Samuel H. Watson,	P	Fulton, Rock Co.
Edward M. White,	C	Madison.
Cornelius E. Williams,	S	Sweet Home.
Henry B. Williams,	P	Janesville.
Henry C. Williamson,	S	Bedford, N. Y.
Martin H. Wilson,	S	Menomonie.
Edwin E. Woodman,	S †	Monroe.
Benj. F. Wright,	S	Madison.
John M. Zook,	P	Madison.
H. A. Anderson,	T	Madison.
E. P. Brooks,	Madison,	Wisconsin.
Wilhelm K. Kott,	Madison,	Wisconsin.
Wm. A. Smith,	Madison,	Wisconsin.
M. L. E. Brooks,	Madison,	Wisconsin.
D. H. Brooks,	Madison,	Wisconsin.
F. B. Bryant,	Madison,	Wisconsin.
Robert Bell,	Madison,	Wisconsin.
E. K. Brown,	Fond du Lac,	Wisconsin.
J. S. Babcock,	Columbus,	Wisconsin.
F. Q. Bell,	Monroe,	Wisconsin.
Wm. H. Smith,	Madison,	Wisconsin.
Warren Cole,	Madison,	Wisconsin.
Harvey Conley,	Madison,	Wisconsin.
E. P. Clark,	Menomonie,	Wisconsin.
T. V. Conley,	Madison,	Wisconsin.
Peter Clark,	Madison,	Wisconsin.
J. S. Confort,	Mineral Point,	Wisconsin.
L. M. Conlon,	Madison,	Wisconsin.
H. D. Cox,	Milford,	Wisconsin.
G. L. Campbell,	Madison,	Wisconsin.
John A. Dearborn,	Madison,	Wisconsin.
Jas. N. DeWolf,	Madison,	Wisconsin.
Frank M. Dora,	Madison,	Wisconsin.
J. M. Eskew,	Madison,	Wisconsin.
Geo. B. Edwards,	Madison,	Wisconsin.





# COMMERCIAL CLASS.

NAME.		RESIDENCE.
Benj. D. Atwell,	Madison,	Wisconsin,
Geo. W. Allen,	Trempeleau,	Wisconsin,
H. A. Bradford,	Taunton,	Massachusetts,
E. P. Brooks,	Madison,	Wisconsin.
Wilmot Booth,	Madison,	Wisconsin.
Wm. A. Booth,	Madison,	Wisconsin.
M. L. E. Brooks,	Madison,	Wisconsin.
D. H. Brooks,	Madison,	Wisconsin.
F. B. Bryant,	Madison,	Wisconsin.
Robert Ball,	Madison,	Wisconsin.
E. K. Brown,	Fond du Lac,	Wisconsin.
J. S. Babcock,	Columbus,	Wisconsin.
F. Q. Ball,	Monroe,	Wisconsin.
Wm. H. Bradbury,	Madison,	Wisconsin.
Warren Cole,	Madison,	Wisconsin.
Harvey Conley,	Madison,	Wisconsin.
S. P. Clark,	Montrose,	Wisconsin.
T. V. Cashen,	Madison,	Wisconsin.
Peter Clark,	Madison,	Wisconsin.
J. S. Comfort,	Mineral Point,	Wisconsin.
L. M. Comins,	Madison,	Wisconsin.
H. D. Cox,	Milford,	Wisconsin.
C. L. Campbell,	Madison,	Wisconsin.
John A. Dearborn,	Madison,	Wisconsin.
Jas. N. DeWolf,	Madison,	Wisconsin.
Frank M. Doru,	Madison,	Wisconsin.
J. M. Eskew,	Madison,	Wisconsin.
Geo. B. Edwards,	Madison,	Wisconsin.

## NAME.

## RESIDENCE.

S. H. Fernandez,	Madison,	Wisconsin.
Jac. Fleischer,	Madison,	Wisconsin.
Knud J. Fleischer,	Madison,	Wisconsin.
P. W. French,	Madison,	Wisconsin.
Wm. F. Fitch,	Madison,	Wisconsin.
E. B. Guild,	Madison,	Wisconsin.
Loring Guild,	Madison,	Wisconsin.
Almerin Gillett,	Springfield,	Wisconsin.
Arthur Gleason,	Madison,	Wisconsin.
Geo. P. Hopson,	Le Claire,	Iowa.
Jas. Hogan,	Madison,	Wisconsin.
C. L. Hart,	Hustisford,	Wisconsin.
Geo. C. Hill,	Waterloo,	Wisconsin.
Neil Howie,	Madison,	Wisconsin.
E. E. Hale,	Madison,	Wisconsin.
J. Mason Haight,	Madison,	Wisconsin.
Paul Halverson,	Cottage Grove,	Wisconsin.
J. W. Heathcock,	Lindon,	Wisconsin.
H. B. Jobes,	Albany,	Wisconsin.
J. A. Jackson,	Madison,	Wisconsin.
Peter Kavanaugh,	Madison,	Wisconsin.
Jas. Kavanaugh,	Madison,	Wisconsin.
Gotfred Krebs,	Madison,	Wisconsin.
A. J. Krum,	Madison,	Wisconsin.
Chas. H. Kellogg,	Madison,	Wisconsin.
Edward Larkin,	Madison,	Wisconsin.
J. J. Myers,	Madison,	Wisconsin.
A. Menges,	Madison,	Wisconsin.
Frank Munger,	Madison,	Wisconsin.
J. G. Memhard,	Madison,	Wisconsin.
W. P. McConnell,	Madison,	Wisconsin.
Jas. H. McDowell,	Madison,	Wisconsin.
E. S. Oakley,	Madison,	Wisconsin.
L. J. Patch,	St. Peter,	Minnesota.
Jas. S. Paine,	Madison,	Wisconsin.
Geo. K. Powers,	Madison,	Wisconsin.
Wm. P. Powers,	Madison,	Wisconsin.
Warham Parks,	Madison,	Wisconsin.
John Reynolds,	Madison,	Wisconsin.
J. F. Randolph,	Madison,	Wisconsin.



NAME.	RESIDENCE.	
Otis Remick,	Madison,	Wisconsin.
Edward Sumner,	Madison,	Wisconsin.
John E. Sutton,	Hanchetville,	Wisconsin.
Hallee Steenland,	Madison,	Wisconsin.
Frank Smith,	Madison,	Wisconsin.
D. K. Slavan,	Madison,	Wisconsin.
A. M. Squires,	Palmyra,	Wisconsin.
J. M. Sumner,	Madison,	Wisconsin.
J. W. Staples,	Madison,	Wisconsin.
W. Spangler,	Madison,	Wisconsin.
E. W. Stone,	Fort Atkinson,	Wisconsin.
Wm. F. Vilas,	Madison,	Wisconsin.
E. A. Valentine,	Ripon,	Wisconsin.
Horace Warner,	Sun Prairie,	Wisconsin.

84	.....	Classical
81	.....	Scientific
44	.....	Preparatory
84	.....	Commercial
—	.....	Liberal
242	.....	Total

History of United States

84	.....	Plane Trigonometry
84	.....	Mechanics, Navigation
84	.....	Homoe—Idem
84	.....	Homer—Idem—Greek
84	.....	English Language

Second Year

84	.....	Analytical Geometry
84	.....	Homoe—Idem
84	.....	Homer—Idem—Greek
84	.....	French—Familiar
84	.....	Colloquial French
84	.....	French—Familiar

## SUMMARY.

Classical, .....	34
Scientific, .....	81
Preparatory, .....	44
Commercial, .....	84
<hr/>	
Total, .....	243



# CIRCULAR.

## SUBJECTS OF INSTRUCTION

IN THE

DEPARTMENT OF SCIENCE, LITERATURE, AND THE ARTS.

### CLASSICAL COURSE.

#### FIRST YEAR.

*First Term.*—Algebra—Davies Univesity.

Solid Geometry—Loomis'.

Livy—Lincoln's.

Xenophon's Memorabilia—Robins.

History of United States.

*Second Term.*—Plane Trigonometry—Loomis'.

Mensuration, Surveying, Navigation.

Horace—Odes.

Homer—Iliad—Owen's.

English Language.

#### SECOND YEAR.

*First Term.*—Analytical Geometry—Smith's.

Horace—Satires.

Homer—Iliad—Owen's.

French—Fasquelle's French Course.

“ Colloquial Reader.

“ Fasquelle's Napoleon.

*Second Term.*—Differential Calculus—Smith's.  
 Integral Calculus—  
 Tacitus—History.  
 Æschylus—Prometheus.  
 French—Piciola Translations into French.  
 Collet's Dramatic Reader.

### THIRD YEAR.

*First Term.*—Mechanical Philosophy—Peck's.  
 General Physics—Lectures.  
 Tacitus—Germania and Agricola.  
 Demosthenes—De Corona.  
 Rhetoric.  
 English Literature.  
 Mental Philosophy.

*Second Term.*—Spherical Trigonometry—Loomis'.  
 Astronomy—Robinson's and Loomis'.  
 General Physics—Lectures.  
 Juvenal.  
 Plato—Gorgias.  
 Mental Philosophy.  
 Logic.

### FOURTH YEAR.

*First Term.*—Chemical Philosophy.  
 Inorganic Chemistry.  
 Ethics.  
 International Law.  
 Civil Polity.  
 History of Philosophy.  
 Christian Evidences.

*Second Term.*—Organic Chemistry.  
 Geology.  
 Botany.  
 Constitutional Law.  
 Political Economy.  
 History of Civilization.  
 Physiology of Public Hygiene.

## SCIENTIFIC COURSE.

A course of study, under the above designation, equivalent to the classical course, occupying four years, has been established by 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. It includes all the studies of the classical course, except the ancient languages; and in addition, the German language, and the Applications of Science to Agriculture, Architecture, Mining, Surveying Engineering, Public Health, &c.

This Course will be fully set forth in the next catalogue.

The following table exhibits the subjects of study in this course for the year, arranged by terms:

FIRST TERM.	SECOND TERM.
Algebra.	Plane Trigonometry and Applications.
Solid and Spherical Geometry.	Differential and Integral Calculus.
Analytical Geometry.	Spherical Trig. and Astronomy.
Mechanical Philosophy.	Natural Philosophy.
Natural Philosophy.	Organic Chemistry.
Inorganic Chemistry.	Geology, Botany.
History.	Constitutional Law.
Rhetoric.	Political Economy.
English Literature.	History of Civilization.
History of Philosophy.	English Language.
Christian Evidences.	Mental Philosophy.
Ethics.	Logic.
International Law.	Physiology, Public Hygiene, &c.
Civil Polity.	Practical Surveying, Engineering, Drafting, &c.
Practical Surveying, Engineering, Drafting, &c.,	Speaking and Composition.
Speaking and Composition.	French Language.
French Language.	German Language.
German Language.	

The subjects of study belonging to the Department of Science, Literature and the Arts, are discussed 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.

[Chair vacant.]

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, and is as follows :

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.

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, and at stated periods, to read his results before the class.

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 connection with this part of the subject, the evidences of Christianity are examined.

Rhetoric, so far as it 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.

The course in this department for the term beginning February 8th, will be the following:

I. MENTAL PHILOSOPHY,—Embracing analysis of the faculties of the human mind, *active* and *moral*, as well as those denominated *intellectual*; examination of these powers in reference to criticism, to teaching, to the improvement of the individual and the progress of society.

The course also embraces a critical review of the systems of Philosophy which have prevailed among men.

The instruction of the department is conducted by means of text-books (Haven) and lectures. The student is required to give orally or upon the blackboard, an analysis of every subject, as well as to prepare carefully written abstracts and dissertations upon assigned topics. Hour from 10—11 A. M.

II. CLASS IN ENGLISH,—History of English Language; its composition, grammar, structure of sentences, punctuation. History of the progress of English Literature in its various departments. Hour 11—12 A. M.

III. SPEAKING AND COMPOSITION,—All students required to engage in these exercises. 3 P. M.

## MATHEMATICS AND NATURAL PHILOSOPHY.

J. W. STERLING, A. M., *Professor*.

### COURSE OF STUDY.

#### FIRST YEAR.

Terms.	{	1. Algebra—Davies (University Ed.) Solid and Spherical Geometry—Loomis.
		2. Plane Trigonometry—Loomis; Mensuration, Surveying and Navigation—Loomis.



## SECOND YEAR.

- Terms. { 1. Analytical Geometry—Smith's.  
 2. Deferential and Integral Calculus—Smith's.

## THIRD YEAR.

- Terms. { 1. Mechanical Philosophy—Peck's ; General Physics (Lectures.)  
 2. Spherical Trigonometry—Loomis ; Astronomy—Robinson's & Loomis' ; General Physics, (Lectures.)

For admission to this course, candidates will, in future, be required to have a thorough knowledge of Arithmetic, Mental and Written ; the Elements of Algebra, (Ray's) and Plane Geometry, (Loomis').

In this department there is one exercise daily for three years.

To secure thoroughness there will be frequent reviews, and written examinations on the subjects passed over.

On the various subjects of General Physics or Natural Philosophy, there will be weekly, extending throughout the year, at least two lectures accompanied by experimental illustrations. All who choose are permitted to attend these exercises. Each regular member of the class is expected to take notes of the lectures, and is frequently required to lecture on subjects previously discussed by the professor, repeating the experiments. This exercise is deemed important to cultivate in the student the habit of investigation and facility in communicating his knowledge.

*Books of Reference in Natural Philosophy*—Loomis, Lardner, Silliman, Olmstead, Arnott, Muller, Library of Useful Knowledge, Brewster (Optics), Herschell (Light and Sound), Jackson, (Optics.)

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## SURVEYING AND CIVIL ENGINEERING.

T. D. CORYELL, A. M. *Instructor.*

This School was established by an ordinance of the Board of Regents, passed at their meeting in July, 1858. The subjects of Practical Surveying and Engineering were placed under the immediate charge of an Instructor. Since the passage of the ordinance, two terms' instruction has been rendered in this school. The proportion of students in attendance upon the course has been large, thus demonstrating that the school meets a recognized and well defined want.

In a new country like that from which the University draws the mass of its students, an increasing demand for the services of the Surveyor and Engineer may be expected, notwithstanding fluctuations in this demand,

as in that for all other kinds of labor, occasioned by seasons of temporary financial embarrassment. The boundaries of landed estates are to be determined, villages and cities are to be laid out and supplied with water, shafts are to be sunk into the earth for ores, harbors and landings are to be improved, streams are to be dammed and bridged, marshes to be drained, warehouses, manufactories and public edifices to be erected, and roads and railroads are to be located, built and kept in repair. In the application of scientific principles required in the solution of these problems, lies the province of the Surveyor and Engineer. The continual widening of the domain of the natural sciences, and the rapidly accelerated increase of material wealth must make his work more and more indispensable, and give to the profession greater distinctness, permanence and importance.

Without attempting to cover the whole ground in every department of Surveying and Engineering, it is the object of the University Engineering School to impart to the student the best professional knowledge, and the greatest amount of it possible, in the time allotted him. The facilities which it affords are not intended to confer upon him that readiness of skill gained in actual practice—a thing which it is not necessary any school should do—but a sufficient number of practical exercises are required to familiarize the principles taught.

The course of instruction in this department extends over a period of two years, beginning with the first term of the year.

Candidates for admission to this course are required to have a knowledge of Algebra and Synthetic Geometry, for acquiring which ample facilities are given in connection with the chair of Mathematics.

The instruction is rendered by the use of text-books and by lectures, accompanied by frequent and thorough reviews and examinations.

Special attention is given to the theory and use of the most approved forms of the Surveyor's Compass, the Level and the Transit.

Portions of the class are detailed in turn for field exercises, when the weather is fair, and at the more favorable seasons of the year, excursions are taken into the country for the purpose of familiarizing the student still further with the best methods of executing actual surveys.

The General Principles of Construction, and their applications to particular works, are made subjects of study, and are explained and illustrated by reference to existing structures.

The materials and the machinery employed under the direction of the Engineer, are also treated of.

Drafting is required throughout the entire course.

The subject of study for the term commencing on the 9th of February, 1860, embrace Surveys of U. S. Public Lands, and the method of Execut-



ing and Recording County Surveys, including the sub-division of the Section, (taught by lecture, Gillespie's, Davies and Robinson's Surveying used as books of reference.)

Leveling, (Lectures.)

The Location of Tangents and Curves in Railroad Surveying, Side Staking, &c., (Hencke's Field Book used as a text-book.)

Drafting, (Mayhan's Industrial Drawing.)

## 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.

### FIRST TERM.

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

### SECOND TERM.

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

**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, Delabèche, Geological Reports of the different States.

## PHYSIOLOGY AND HYGIENE.

D. B. REID, M. D., F. R., S. S., *Professor.*

This department comprises an exposition of the Structure and Functions of the human Frame, and of the mutual relation of internal and external causes in promoting health, strength, and length of life.

The origin and prevention of disease, the varied temperament of individual men; the effect of climate, habit, occupation and recreation; the Hygienic Questions associated with the construction of public and private buildings, including all classes of habitations in cities, populous districts and isolated localities, as well as the sources of improvement and decay in different Nations and Races,—are included in considering the laws that regulate the preservation of Health.

The improvement of Architecture, more especially in connection with acousty, drainage, heating, lighting, ventilating and fire proofing is a special object of attention.

The course is intended for all classes of students, particularly as a guide in making known the nature of the living frame, and in unfolding the most prevalent causes of preventible disease and death. It is also arranged with the view of affording instruction to those who may intend to study medicine, or to enter any service where they are expected to have a knowledge of sanitary improvement. Students of Agriculture, Architecture, Engineering, Arts and Manufacture; have their attention directed to the varied sources of efficient and economic Sanitary Improvement that are connected with these subjects.



## ANCIENT LANGUAUES AND LITERATURE.

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

## COURSE OF STUDY.

## FIRST YEAR.

*Latin.*

- Terms. { 1. Livy.  
2. Horace—Odes.

*Greek.*

- Terms. { 1. Xenophon—Memorabilia—Robbins' Edition.  
2. Homer—Iliad—Owen's Edition.

## SECOND YEAR.

*Latin.*

- Terms. { 1. Horace—Satires.  
2. Tacitus—History.

*Greek.*

- Terms. { 1. Homer—Iliad.  
2. Æschylus—Prometheus.

## THIRD YEAR.

*Latin.*

- Terms. { 1. Tacitus—Germania and Agricola.  
2. Juvenal.

*Greek.*

- Terms. { 1. Demosthenes de Corona.  
2. Plato—Gorgias.

The grammars used, are Crosby for Greek, and Andrews' (Revised Ed.) for Latin. For all but the most advanced students, the new Latin Dictionary by Crooks and Schem is recommended as by far the best.

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 philological 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 Antiquaries. 6 vols. 8vo.

Doederlein's, or Ramshorn's Latin Synonymes.

Finlay's Classical Atlas.

Becker's Gallus and Charicles.

## 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.

2d. 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.

Collet's Dramatic French Reader.

### GERMAN.

#### FIRST YEAR.

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

*Second Term.*— 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. Single and Double Entry Book-Keeping, embracing the various departments of Trade and Mercantile accounts, viz: Wholesale and Retail, Stock and Partnership Books, Shipping, Steam Boating, Rail-roading, Banking, Manufacturing, Commission, Joint Stock and Company Business.

2d. 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, Commercial Law, Political Economy, &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.

HENRY BARNARD, LL. D., CHANCELLOR AND PROFESSOR OF NORMAL INSTRUCTION.

Special instruction in the history and principals of education, and the classification, teaching and discipline of schools, will be given by the Chancellor. The arrangements for this department have not been fully made; but will be announced at an early day. In the meantime, special instruction will be given in a Normal Course commencing on the 10th of April, 1860, of which more particular notice will be given in a special circular.

## PREPARATORY SCHOOL.

Arrangements have been made for this department, in connection with the City High School, of Madison, in charge of Prof. O. M. Conover, A. M.

The course of study for young pupils extends over three years, and is substantially as follows:

Year.	Term.	STUDIES.	STUDIES.	STUDIES.
First.	1.	Latin Grammer, Latin Reader.	Higher Arithmetic.	English Grammer.
	2.	Latin Grammar and Reader.	History.	English Grammar.
	3.	Latin Reader.	History.	English Composition.
Second.	1.	Cæsar's Commentaries.	History.	Greek Lessons, (Crosby's.)
	2.	Cæsar.	Elementary Algebra.	Greek Lessons.
	3.	Cicero.	Elementary Algebra.	Greek Lessons.
Thrd.	1.	Cicero.	Higher Algebra.	Anabasis, (Crosby's.)
	2.	Virgil.	Algebra.	Anabasis.
	3.	Virgil.	Geometry.	Anabasis.



## 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 PHILOSOPHY.

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 PHILOLOGY.

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.

\* Resigned.

## SCHOOL OF NATURAL SCIENCE.

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

EZRA S. CARR, M. D.,

Professor of Chemistry and Natural History.

DAVID BOSWELL REID, M. D., F. R. S. S.,

Professor of Physiology, Hygiene, &amp;c.

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. M.,

Instructor in Surveying and Engineering.

EZRA S. CARR, M. D.,

Professor of Chemistry and Natural History.

DAVID BOSWELL REID, M. D., F. R. S. S.

Professor of Physiology and Hygiene, and Director of Museum of Practical Science.

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 Phys-



ics, Physiology and Hygiene, English Language and Literature, Latin, or two of the Modern Languages.

Special attention is given to the theory and use of the most approved forms of the Surveyor's Compass, the Level, and the Transit. In fair weather, portions of each class are detailed in turn for field exercise, and excursions are taken into the country, to acquaint the student with the best methods of executing actual surveys. The apparatus thus far supplied is a full set of Surveyor's instruments, including one of the best of the Gurley's Transits.

The instruction is rendered by lecture and by use of text-books, accompanied by reviews and frequent examinations. It is a constant aim, to conduct all the exercises in a manner best suited to secure mental discipline.

The whole course extends over a period of two years, beginning with each fall term. Candidates for admission to this course are required to possess a knowledge of Algebra and Synthetical Geometry, for which ample facilities are afforded in connection with the Chair of Mathematics.

The subjects of study for the term beginning on the 8th of February, 1860, and extending over a term of twenty weeks, embrace :—

Surveys of the U. S. Public Lands, and the method of executing and recording County Surveys, including the Subdivision of the Section, taught by lecture, Gillespie's, Davie's and Robinson's Surveying, used as books of reference.

Leveling—taught by lecture.

The Location of Tangents, and Curves in Railroad Surveying, Side Staking, etc., Hencke's Field Book, used as a text-book.

Drafting—Mahan's Industrial Drawing, used as a text-book.

## 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. In the meantime, the application 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.

DANIEL BOSWELL REID, M. D., F. R. S. S.,  
Professor of Physiology and Hygiene, and Director of Museum of Practical Science.

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

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 first year of the *Classical Course*, must pass a satisfactory examination in the Common English Branches, the Elements of Algebra, (Ray's), Plane Geometry, (Loomis'), Latin Reader, Cornelius Nepos, Virgil's Aenid, (6 books), Crosby's Greek Lessons, and the Anabasis of Xenophon.

Instead of these particular works in Latin and Greek, any fair equivalent will be accepted,

For admission to the first year of the *Scientific Course*, the requirement is the same as for the Classical Course, omitting the Ancient Languages.

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

Such as desire to pursue a partial course, will be admitted to any of the recitations for which they may be prepared.

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

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. At the close of the second term the members of the regular classes will be examined in all the studies pursued during the year; and none will be allowed to advance whose examinations are not satisfactory.

These examinations will be both oral and written, and such as to furnish a thorough test of the students' acquirements.

## LIBRARY, APPARATUS, ETC.

The library, which is open to all the students of the University, comprises over three thousand volumes.

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.

## 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.

Spacious and commodious rooms have been provided in the new building for society halls, which will be ready for occupancy at the opening of the term in February next.

## 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, fifteen minutes before the morning hour for commencing study and recitation.

There is also a religious lecture every Sabbath afternoon in the chapel.



## TERMS, VACATIONS, &amp;c.

Commencement anniversary will hereafter be on the last Wednesday of June. And there will be but two terms in the collegiate year.

The *first term* will open six weeks from commencement, and continue nineteen weeks.

At the close of the first term there will be a *winter vacation* of seven weeks.

The *second term* will commence at the close of the winter vacation, or seven weeks from the Wednesday next before Christmas, and will continue twenty weeks, or till commencement.

The *summer vacation* will commence the last Thursday of June, and continue six weeks.

## EXPENSES.

Tuition per term	\$6 00
Room " "	5 00
Fuel " "	5 00
Library, repairs, &c., per term	2 00

The above items comprise all University charges—except for damages actually done by students—and must in all cases be paid *in advance*.

The charge for a full course in the commercial college, time unlimited, is .....\$25 00

Board in the University with families of the Professors can be obtained for \$2 per week, payable in advance. Board in clubs is from \$1 to \$1.50 per week. Washing is from 40 to 60 cents per dozen.

## ROOMS, &amp;c.

Rooms in the University, under certain restrictions and conditions, can be secured by early application to the locating officer.

No student will be allowed to occupy a room until his bills for the term are settled.

Students in the regular University classes, in previous occupancy, will be allowed to retain their rooms, if on the ground at the opening of the term.

Students from abroad, admitted to the University classes, and intending to complete the collegiate or scientific course, will be permitted first to draw by lot for vacant rooms.

Rooms are furnished at the expense of the students, who should bring their own bedding, towels, &c.; other furniture can be obtained here second-hand or new, at moderate prices.

Students, not accommodated in the University, and not residing with their parents in Madison, will lodge and board in town, under such regulations as the Faculty may prescribe.

Young pupils not prepared to enter either of the regular University courses, will board in private families, and parents and guardians are particularly requested to make suitable arrangements in this regard, as no supervision on the part of the Faculty can form an adequate substitute for the regular habits of the Faculty.

### 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 the 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.

Students not accommodated in the University and not residing with their parents in Madison, will lodge and board in towns under such regulations as the Faculty may prescribe. Young people not prepared to enter either of the regular University courses will board in private families, and parents and guardians are particularly requested to make suitable arrangements in this regard, as no supervision on the part of the Faculty can form an adequate substitute for the regular habits of the Faculty.

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 new student for the commencement upon terms thus by gross of the new student for the commencement upon terms thus 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

### CALENDAR FOR 1860 & 1861.

- SECOND TERM begins ..... Wednesday, Feb. 8th, 1860
- COMMENCEMENT ANNIVERSARY, at the close  
of Second Term, on..... Wednesday, June 27th, 1860
- FIRST TERM begins ..... Wednesday, Aug. 7th, 1860
- SECOND TERM closes..... Wednesday, Dec. 8th, 1860
- SECOND TERM begins..... Wednesday, Feb. 6th, 1861
- SECOND TERM closes with..... Wednesday, June 29th, 1861
- COMMENCEMENT ANNIVERSARY begins.... Wednesday, June 29th, 1861



# Wisconsin State University.

## FACULTY.

HENRY BARNARD, LL.D., Chancellor.

\_\_\_\_\_, Professor of Ethical and Political Science.

DANIEL READ, LL.D., Professor of Mental Science, 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.

DAVID BOSWELL REID, M.D., F.R.S.E., Professor of Physiology and Hygiene, and Director of Museum of Practical Science.

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

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

THOMAS D. CORYELL, M.A., Instructor in Surveying and Engineering.

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

O. M. CONOVER, A.M., Principal of Preparatory Department in Public High School.

COMMENCEMENT—Last Wednesday of June.

## TERMS BEGIN;

1. Six weeks from Commencement—19 weeks.
2. Seven weeks from the Wednesday next before Christmas—20 weeks.

## VACATIONS.

1. Seven weeks—commencing the Wednesday before Christmas.
2. Six weeks—commencing the last Wednesday of June.

## EXPENSES.

Tuition for each Term,	\$6 00
Room rent for each Term,	5 00
Fuel for each Term,	5 00
Library repairs, etc., for each Term,	2 00
Board per week with resident members of the Faculty, or in private families,	2 00
Board in Clubs,	1 25

Washing from 40cts. to 65cts. per dozen.

These charges are required strictly in advance. Rooms are provided with furniture at the expense of the students.

## CLASSICAL AND SCIENTIFIC COURSE.

The CLASSICAL COURSE is substantially that of the best Colleges in the United States.

In the SCIENTIFIC COURSE advanced scientific studies take the place of the ancient languages.

## TERMS OF ADMISSION.

Besides the common English branches, candidates for admission to the first year of the Classical Course will be examined in the Elements of Algebra, (Ray's,)

Plane Geometry, (Loomis'), Latin Reader, Cornelius Nepos, Virgil's *Aeneid*, (6 books,) Crosby's Greek Lessons, and the *Anabasis* of Xenophon. Equivalents will be received.

The requirement for admission to the Scientific Course is the same, omitting the ancient languages, as for the Classical Course.

Such as desire to pursue a select course will be admitted to any of the classes for which they are prepared.

### **PREPARATORY DEPARTMENT.**

Provision for this department has been made in connection with the City High School of Madison, in charge of Prof. O. M. Conover, A.M., to whom application for information should be made.

### **COMMERCIAL DEPARTMENT.**

Students are admitted at any time to this department, and may continue at pleasure. The charge is \$25 for the course. Address D. H. TULLIS.

### **ENGINEERING DEPARTMENT.**

The institution is now prepared to give thorough instruction in practical Surveying and Engineering. Address T. D. CORYELL.

Students in the Preparatory and Commercial departments are allowed to occupy rooms in the University buildings.

Communications addressed to Prof. J. W. STERLING, respecting board, rooms, and other particulars, will receive prompt attention.

**HENRY BARNARD,** Chancellor.

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## **TEACHERS' INSTITUTES FOR 1860.**

By directions of the Board of Regents of Normal Schools, the undersigned will appoint, in each county, at least one Institute, and arrange for a series of exercises, during the day, for the professional improvement of teachers, and of lectures and discussions in the evening for the advancement of education generally, for a series of not less than two days, and of not more than two weeks, on receiving (to him) reasonable assurance of attendance on the part of the teachers of the county, and of gratuitous board, and accommodations for the meetings, from the place applying for the appointment.

Arrangements will also be made, on application of school officers and teachers for a free lecture on education in a number of towns in the same county, during the session, or in the week preceeding or following the meeting of the Institute.

The undersigned proposes also to appoint a few Institutes for sessions of at least four weeks each, in connection with such literary institutions as will furnish class-room, part of the instruction, and the use of apparatus, at an expense to each teacher in prompt and regular attendance, for lodging, board, and instruction, not exceeding two dollars per week. One such Institute will be held at Madison, in connection with the State University, commencing on Wednesday morning, April 11th.

**HENRY BARNARD,**

*Agent of Board of Regents of Normal Schools.*

MADISON, Feb. 10, 1860.