

CIRCULARS,

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385

CATALOGUES, REPORTS, ETC.

OF THE

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36

STATE UNIVERSITY OF IOWA,

FROM SEPTEMBER 1st, 1855, TO JUNE 28th, 1860, INCLUSIVE.

RE-PRINTED FROM THE ORIGINAL PUBLICATIONS IN THE HISTORICAL
LIBRARY OF PROF. T. S. PARVIN, AND THE RECORDS 1857-59, IN THE
OFFICE OF THE SECRETARY OF THE BOARD OF REGENTS,
AND THE DEAN OF THE ACADEMIC FACULTY.

*above reprint is bound with
Catalogues 1860/61 - 1875/76*

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DAVENPORT:
GAZETTE COMPANY, PRINTERS.
1877.

WITHDRAWN

RESOLUTION

ADOPTED BY THE BOARD OF REGENTS, JUNE 20TH, 1876.

Resolved, That Messrs. Richardson and Catapbell be appointed
a committee to have printed * * * * *

Said Committee are also hereby authorized in their discretion to
have re-printed the "OLD CATALOGUES" (of the University,
1855-60) now in the hands of Prof. Parvin, for the purpose of
preserving the connected catalogue history of the University."

The Committee authorized and directed the publication of fifteen
hundred copies of the old catalogues, etc., in connection with Col.
Benton's Historical Address, &c., under the supervision of Prof.
Parvin, October 9th, 1876.

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WITHDRAWN

REMARKS BY THE EDITOR.

Papers 1-5, inclusive, and No. 10, are referred to and described by Col. Benton in his "Historical Address of the State University of Iowa," pages 58-59. No. 11 I found too late for reference therein.

Nos. 6-9, inclusive, are printed (now for the first time) from the manuscript. Those of 6 and 9 having been prepared for this publication by my friend, Prof. Leonard; 7 and 8 I transcribed from the original records.

There is still missing a most important paper—that prepared by Chancellor Dean at the request of the Trustees, and read to them, embodying his views of the "Plan of Organization of the University," referred to by Col. Benton in his History.

I have searched in vain for it in the Archives of the University and Historical Society at Iowa City, and in the Departments of the Superintendent of Public Instruction and the Secretary of State, at Des Moines, and by correspondence with the heirs of the deceased Chancellor among his papers at Albany, N. Y. I am not certain that it was ever published.

Should the document come to the possession of any one seeing or hearing of this notice, they will subserve the historical interest of the University by forwarding the same to its President. Having been closely connected with the cause of education in Iowa since 1838, and with the University, 1846-70, I have carefully preserved all the papers relating to either which I could collect, but this one has so far eluded my grasp.

T. S. PARVIN.

Iowa City, January, 1877.

FIRST CIRCULAR
OF THE
STATE UNIVERSITY OF IOWA.

LOCATED AT
IOWA CITY, IOWA.

SEPTEMBER 1, 1855.

(Imprint—SYLVESTER HARRISON & BROTHER, PRINTERS, IOWA CITY.)

TRUSTEES
OF THE STATE UNIVERSITY OF IOWA.

HON. JAMES D. EADS, *Superintendent of Public Instruction,
and President of the Board.*

HIS EX. JAMES W. GRIMES, *Governor, Trustee ex-officio.*

MOSES J. MORSMAN, *Vice-President.*

ANSON HART, *Secretary.*

H. W. LATHROP, *Treasurer.*

JAMES H. GOWER,

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P. L. LAKE,

LAUREN DEWEY,

THOMAS FARMER,

E. C. BIDWELL,

AMOS WITTER,

LINCOLN CLARK,

JOHN W. RANKIN.

FACULTY.

AMOS DEAN, LL. D., PRESIDENT,
AND PROFESSOR OF HISTORY.

ALEXANDER JOHNSTON, A. M.,
PROFESSOR OF MATHEMATICS.

HENRY S. WELTON, A. M.,
PROFESSOR OF ANCIENT LANGUAGES.

JAMES HALL,
PROFESSOR OF NATURAL HISTORY.

JOSIAH D. WHITNEY,
PROFESSOR OF CHEMISTRY.

E. M. GUFFIN, A. M.,
PREPARATORY DEPARTMENT.

JOHN VAN VALKENBURG,
NORMAL SCHOOL.

CIRCULAR.

The STATE UNIVERSITY OF IOWA has been recently organized, and is designed to embrace ultimately a very thorough course of instruction. It commences on the third Wednesday of September, 1855. As at present constituted, it embraces, besides the facilities provided by the State for Normal instruction, the following, viz:

I. THE COURSE PREPARATORY TO THE ENTRANCE INTO THE UNIVERSITY.

This course is under the instruction of Professor E. M. GUFFIN, A. M. In this department the following studies will be pursued: Analytical Grammar; Higher Arithmetic; Physical Geography (preparatory to the department of History); Latin Grammar and Reader; Greek Grammar and Reader; Caesar's Commentaries; Virgil, Six Books of the *Aeneid*; Cicero's Orations, Four; Xenophon's *Anabasis*, First Book; Algebra to the 7th chapter of Bourdon; Rudiments of Natural Philosophy; Outlines of General History and Book Keeping. The preparatory course is so arranged that to those entering at its commencement, it is designed to fit them for entrance into the University at the end of two years.

II. THE UNIVERSITY PROPER.

This is so organized as to embrace several Departments, each of which is distinct, and includes within it only such subjects as have with each other natural or necessary relations. The Departments already organized, are the following:

I. The department of ANCIENT LANGUAGES, under the care of Professor HENRY S. WELTON, A. M. This requires for its completion two years and a half. This to embrace the study of the Latin and Greek Languages. The philosophy of those languages, their history, and the general principles of philology.

II. Department of MODERN LANGUAGES, to embrace the French and German languages.

III. Department of INTELLECTUAL PHILOSOPHY, embracing [6] Intellectual Philosophy, Logic, Rhetoric, Oratory and Elements of Criticism.

IV. Department of MORAL PHILOSOPHY, embracing the analysis of the Moral Powers, Principles of Morals, Natural, International and Constitutional Law, Principles of Political Economy.

V. Department of HISTORY, under the care of the President, to embrace the development of nations in their industry, their

religion, their government, their society, their philosophy and their art.

These departments constitute the philosophical course of study, and a student having pursued and completed any three of these five departments, will be entitled to the degree of BACHELOR OF PHILOSOPHY.

VI. Department of NATURAL HISTORY, under the care of Professor JAMES HALL, to embrace Zoology, Botany, Mineralogy and Geology, with their applications to Agriculture.

VII. Department of MATHEMATICS, under the care of Professor ALEXANDER JOHNSTON, A. M., to embrace Algebra, Plane and Solid Geometry, Plane and Spherical Trigonometry, Surveying Analytical Geometry, Differential and Integral Calculus, and Physical Astronomy. The course to be completed in two years and a half.

VIII. Department of NATURAL PHILOSOPHY, to embrace Principles of Mechanics and Mechanical Philosophy, with the application of motive powers to machinery, Hydrostatics, Pneumatics, Optics, Acoustics and Astronomy.

IX. Department of CHEMISTRY, under the care of Professor JOSIAH D. WHITNEY, to embrace Analytical and Elementary Chemistry, both inorganic and organic, with its application to agriculture and the arts. These last four departments together, constitute the scientific course of study.

Any student, having completed any three of the last four mentioned departments, and having sustained satisfactory examinations, shall be entitled to the degree of BACHELOR OF SCIENCE.

Any student who has completed the courses of study in any three departments in the philosophical course, and also any three in the scientific course shall be entitled to the degree of [7] BACHELOR OF ARTS.

Any student who has completed the studies embraced in the nine departments, and shall sustain satisfactory examinations in each, shall be entitled to receive the highest degree conferred by the University, that is, DOCTOR OF PHILOSOPHY.

The departments of the University proper, which will be opened by the Trustees for the reception of students on the third Wednesday of September, 1855, will be those of the Ancient Languages, of Modern Languages and of Mathematics. To these, as also to the preparatory department, which will open at the same time, the admission for the next term will be free of all charge.

The next term will commence on the third Wednesday of September, and continue twenty weeks, when there will be a vacation

of one week, after which commences the second term, which will continue twenty weeks, and conclude the University year.

Good board may be obtained in respectable families, at from two dollars to two fifty per week.

It is important for students to be present, if possible, at the commencement of the term.

There will be weekly rhetorical exercises during the term.

The University is located at Iowa City, a city which now numbers some four thousand inhabitants. It is easy of access, is beautifully situated upon the Iowa river, at the point of junction between an extensive forest on the north, and wide rolling prairies upon the south. It possesses, at all times, a fine bracing atmosphere, and a degree of health rarely, if ever, enjoyed by any other city of its size.

The departments of Intellectual Philosophy, Moral Philosophy, History, Natural History, Natural Philosophy and Chemistry, are to be taught by lecture and examination.

No student shall be admitted into any department of the University proper under fifteen years of age if a male, or fourteen, if a female, but the faculty may be permitted, under the peculiar circumstances of a case, to admit any under that age.

[8] The departments are designed to be so arranged as to enable students to take the degree of BACHELOR OF PHILOSOPHY or of BACHELOR OF SCIENCE at the close of two years; that of BACHELOR OF ARTS at the close of four years, and that of DOCTOR OF PHILOSOPHY at the close of six; the intention being to average the courses at two years each.

FIRST CIRCULAR
OF THE
NORMAL DEPARTMENT
OF THE
STATE UNIVERSITY OF IOWA,
LOCATED AT
IOWA CITY, IOWA.

SEPTEMBER 19, 1855.

[*Imprint*—BALLORD & LATHROP, PRINTERS, IOWA CITY, IOWA.]

TRUSTEES

OF THE STATE UNIVERSITY OF IOWA.

HON. JAMES D. EADS, *Superintendent of Public Instruction,
and President of the Board.*

HIS EX. JAMES W. GRIMES, *Governor, Trustee ex-officio.*

MOSES J. MORSMAN, *Vice-President.*

ANSON HART, *Secretary.*

H. W. LATHROP, *Treasurer.*

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P. L. LAKE,

LAUREN DEWEY,

THOMAS FARMER,

E. C. BIDWELL,

AMOS WITTER,

LINCOLN CLARK,

JOHN W. RANKIN.

CIRCULAR.

NORMAL DEPARTMENT OF THE STATE UNIVERSITY OF IOWA.

The NORMAL DEPARTMENT will commence its session on the Third Wednesday of September, 1855.

CONDITIONS OF ENTRANCE.

1. The applicant must be twelve years of age, if a female, and fourteen years of age, if a male.
2. Each pupil at entrance must be supplied with slate, pencil, blank book, Webster's Dictionary, and Mitchell's or McNally's Geography and Atlas.
3. Pupils will be admitted at any time during the Term.

STUDIES.

The course of study in this school will begin with Orthography, Reading, Penmanship, English Grammar, Mental and Written Arithmetic, Geography and Physiology.

The attention of pupils is directed, 1st, to a thorough review of elementary studies; 2d, to those branches of knowledge, which may be considered as an expansion of the above named elementary studies, or collateral to them; 3d, to the art of teaching and its modes.

The advanced studies are divided into three departments, viz: The Mathematical, including Algebra, Geometry, Book-Keeping and Surveying; 2d, Natural Philosophy, Astronomy, Natural History, Chemistry and Botany; 3d, The critical study of the *English Language*, both in structure and history, History of the United States, and historical Geography, *ancient and mediæval*.

"The Art of Teaching and its Modes," includes instruction as to the philosophy of teaching and discipline, as drawn from the nature and developments of the juvenile mind, the history of the progress of the art, and the application of it to our Common School "*System of Education*."

- [6] Members of the higher classes in this Department will give teaching exercises before the School each week.

*Text-Books used in the Normal Department of the State University,
located at Iowa City.*

ORTHOGRAPHY.—Wright's Analytical. Martin's Orthoepist.

SPELLERS.—McGuffey's Spelling Book. Webster's Speller and Definer. Northend's Dictation Exercises.

DICTIONARY.—Webster's Academic Quarto. Webster's Unabridged.

READERS.—McGuffey's Eclectic First Reader. McGuffey's Second Reader. McGuffey's Third Reader. McGuffey's Fourth Reader. The Hemans Reader for Young Ladies.

COMPOSITION.—Brookfield's First Book. Parker's Aid.

ENGLISH GRAMMAR.—Pinneo's Primary Grammar. Pinneo's Analytical Grammar.

ARITHMETIC.—Ray's Arithmetic, Part Second. Ray's Arithmetic, Part Third. Davies' University.

ALGEBRA.—Ray's Algebra, Part First. Ray's Algebra, Part Second.

GEOMETRY.—Davie's Legendre. [7]

SURVEYING.—Davies' Surveying.

GEOGRAPHY.—Monteith's First Lessons. Monteith's Youth's Manual. McNally's Complete. Mitchell's Series of large outline Maps.

HISTORY.—History of United States by Emma Willard. Universal History.

PHILOSOPHY.—Parker's Philosophy.

ANATOMY, PHYSIOLOGY AND HYGIENE.—Human and Comparative Anatomy, Physiology and Hygiene, by Eunice P. Cutter, and Cutter's Anatomical Charts. Anatomy, Physiology and Hygiene, by Calvin Cutter, M. D.

ASTRONOMY AND GLOBES.—McIntire.

BOTANY.—Wood's Class Book of Botany.

CHEMISTRY.—Foster's First Principles of Chemistry and Chemical Apparatus. Chemistry for beginners, by Mrs. A. H. Lincoln Phelps. Lectures on Chemistry, by A. H. Lincoln Phelps.

BOOK-KEEPING.—Fulton and Wescott, Single and Double Entry. Fulton and Wescott, Single and Double Entry with blanks.

POLITICAL ECONOMY.—Political Grammar, by Edward Mansfield. Exposition of the Constitution of the United States, by James Bayard.

LIBRARY AND APPARATUS.

A well selected Library, consisting mostly of works on Education, belongs to the School. Also a well assorted apparatus for the illustration of the principles of Natural Philosophy, Chemistry, Mathematics, &c.

[8] " TUITION FREE."

Board may be had in good families for from \$2.00 to \$2.50 per week.

Pupils can take rooms and board themselves at a lower rate.

The whole annual expense is about \$100.

TERMS AND VACATIONS.

There are two terms in the year. The first term will commence on the third Wednesday of September, and continue twenty weeks, when there will be a vacation of one week, after which commences the second term, which will continue twenty weeks.

GENERAL REMARKS.

All study hours are to be spent in *perfect quietness*.

It is expected that the students will attend public worship on the Sabbath, and refrain from everything like a desecration of the day.

Order, punctuality, and neatness in their persons, and a kind and respectful demeanor are expected of all.

School sessions commence at 8:45 o'clock A. M., and close at 5 o'clock P. M., in Summer, and 4 o'clock P. M., in Winter. Intermission from 12 M. to 2 o'clock P. M. in Summer; from 12 M. to 1 o'clock P. M., in Winter. On Saturday no session is held.

Students who desire to leave the City for home or other places, are expected to confer with the Professor.

J. VAN VALKENBURG, *Professor*.

IOWA CITY, *September 19th, 1855.*

SECOND CIRCULAR
OF THE
STATE UNIVERSITY OF IOWA.

LOCATED AT
IOWA CITY, IOWA.

JULY, 1856.

[PUBLISHED BY THE UNIVERSITY.]

TRUSTEES

OF THE STATE UNIVERSITY OF IOWA.

HON. JAMES D. EADS, *Superintendent of Public Instruction,
and President of the Board.*

HIS EX. JAMES W. GRIMES, *Governor, Trustee ex-officio.*

MOSES J. MORSMAN, *Vice-President.*

ANSON HART, *Secretary.*

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AMOS WITTER,

JOHN W. RANKIN.

FACULTY.

AMOS DEAN, LL. D., CHANCELLOR,
AND PROFESSOR OF HISTORY.

HENRY S. WELTON, A. M.,
PROFESSOR OF ANCIENT LANGUAGES.

JAMES HALL, A. M.,
PROFESSOR OF NATURAL HISTORY.

JOSIAH D. WHITNEY, A. M.,
PROFESSOR OF CHEMISTRY.

J. M. STONE,
PROFESSOR OF NATURAL PHILOSOPHY.

GEORGE R. PERKINS, LL. D.,
PROFESSOR OF MATHEMATICS.

FREDERICK HUMPHREY, A. M.,
TEACHER OF MATHEMATICS.

EDWARD BONDALIE,
TEACHER OF MODERN LANGUAGES.

E. M. GUFFIN, A. M.,
PRINCIPAL OF PREPARATORY DEPARTMENT.

D. FRANKLIN WELLS,
PRINCIPAL OF NORMAL SCHOOL.

STATE UNIVERSITY OF IOWA.

PREPARATORY DEPARTMENT.

E. M. GUFFIN, A. M., *Principal.*

The Principal object of the Preparatory School is, to fit the student for some of the Departments in the University. The course of instruction requires two years for its completion, and is sufficiently extensive and thorough to enable those who have gone through with it to enter any department of the University. It is as follows:

FIRST YEAR.

First Term: Physical Geography—*McNally's System.* English Grammar and Analysis—*Tower's.* Higher Arithmetic commenced—*Davies'.* Outlines of General History commenced—*Wilson's.* Latin Grammar and Reader commenced—*Andrews' & Stoddard.*

Second Term: Higher Arithmetic completed. Latin Grammar

and Reader completed. Cæsar's Commentaries commenced—*Andrews's*. Greek Grammar commenced—*Bullion's*. History completed. Book-keeping—*Mayhew's*.

SECOND YEAR.

[5]

First Term: Algebra commenced—*Davies's*. Cæsar's Commentaries completed. Virgil commenced—*Cooper's*. Greek Grammar and Reader—*Bullion's*. English Grammar reviewed. Physiology—*Cutler's*.

Second Term: Algebra to the 7th chapter of Bourdon. Rudiments of Natural Philosophy—*Parker's*. Virgil completed to the 7th *Æneid*—*Cooper's*. Cicero's Orations (four)—*Bullion's*. Xenophon's *Anabasis* (one book)—*Owen's*. Rudiments of Chemistry.

The classical studies are optional, and may be pursued while others are omitted. The order of some of the studies may be changed as circumstances may require.

THE UNIVERSITY PROPER.

Is organized with nine Departments.* Each one of these is to be under the charge of a Professor, who is to have the special care of his Department, and to be responsible for the progress and attainments of the students therein. These Departments are:

I.—DEPARTMENT OF ANCIENT LANGUAGES.

HENRY S. WELTON, A. M., *Professor*.

This Department affords instruction in the Latin and Greek Languages, their history, philosophy and literature, including also the general principles of Philology.

Candidates for admission to this Department will be examined in Latin and Greek Grammar, Cæsar's Commentaries or Sallust, Cicero's Orations, (four), six books of Virgil, and the prose of the Greek Reader. Those desiring an advanced standing will also be examined in the studies that have been pursued by the class which they wish to enter, or an equivalent.

The following is the course of study in the Department:

FIRST YEAR.

First Term: Livy—*Lincoln's*. Greek Historians—*Felton's*. Latin Prose composition—*Arnold's*. Greek Prose composition—*Arnold's*.

Second Term: Odes and Satires of Horace—*Lincoln's*. Homer's

* The Paper submitted by Chancellor DEAS to the Trustees upon the "Plan of Organization of the University," and adopted by the Board, unfortunately cannot be found.—T. S. P.

Iliad—*Owen's*. Latin Prose composition completed. Greek Prose composition completed.

SECOND YEAR.

First Term: Horace completed. Cicero de Amicitia et Senectute—*Thatcher's*. Desmosthenes de Corona—*Champlin's*. Lectures on Grecian orators.

Second Term: Tacitus Germania et Agricola—*Tyler's*. Juvenal. Select Greek Tragedies—*Woolsey's*. Lectures on the Greek Drama.

A third class will be formed for those who wish to pursue a more extended course.

The following books are recommended for reference in this Department: Andrews' & Stoddard's, or Bullions' Latin Grammar. Andrews' or Leverett's Latin Lexicon. Anthon's Classical Dictionary. Ramshorn's Latin Synonyms. Findlay's Ancient Atlas. Crosby's or Bullions' Greek Grammar. Liddle & Scott's, or Pickering's Greek Lexicon. Eschenburg's Manual of Classical Literature. Smith's Dictionary of Greek and Roman Antiquities.

II.—DEPARTMENT OF MODERN LANGUAGES.

EDWARD BONDALIE, *Teacher*.

The subjects to be taught in this Department are:

1. The French, German and Italian Languages.
2. The Literature of these Languages, and the history of each idiom
3. Comparative Philology, and the Principles of the Science of Language.

III.—DEPARTMENT OF INTELLECTUAL PHILOSOPHY.

The subjects to be taught in this Department are:

1. Intellectual Philosophy, including the analysis, characteristics, conditions and modes of action of the intellectual powers. Critical review of the different systems of Intellectual Philosophy. Eclecticism.
2. Logic, its elements and applications.
3. Rhetoric, its theory and practice.
4. Oratory, its theory and practice.
5. The elements of Criticism and their Applications.

IV.—DEPARTMENT OF MORAL PHILOSOPHY. [8]

The subjects to be taught in this Department are:

1. Analysis of the Moral Powers, their characteristics, conditions and modes of action.

2. Moral Philosophy or principles of morals, including theoretical and practical Ethics.
3. Critical review of the different systems of Moral Philosophy.
4. Natural, International and Constitutional Law.
5. Principles of Political Economy, and their applications to the actual condition and progress of nations.

V.—DEPARTMENT OF HISTORY.

THE CHANCELLOR, *Professor.*

The subjects to be taught in this Department are :

1. The Geographical Position of Nations, more particularly in reference to their industrial pursuits and foreign relations.
2. The outlines of their general history in reference to their representative men, their negotiations, wars and national acts.
3. The interior history or development of nations. First, in their industry ; second, in their religion ; third, in their government ; fourth, in their society ; fifth, in their philosophy ; sixth, in their art.

The nations more particularly brought under review are the ancient Assyrians, Babylonians and Persians ; the ancient Egyptians, the Arabians, the Hebrews, the Phœnecians, the Grecians, the Romans, and the different nations and peoples of modern Europe and America. The design is to familiarize the [9] student with the principles that lie at the foundation of human progress ; and with the agents, instruments and main facts of civilization, as their successive evolution has made them matters of history.

It is thus made a department of applied science ; as it exhibits the applications of the intellectual and moral forces, as they have passed from the possible into the actual, from prophecy into history. The department thus created is entirely new, and is to be taught, as it can only be from the want of text-books, by lecture and examination, and these are to be daily exercises.

VI.—DEPARTMENT OF NATURAL HISTORY.

JAMES HALL, A. M., *Professor.*

The subjects to be taught in this Department are :

1. Zoology, including the philosophy of natural history.
2. Botany, including the laws of vegetable life.
3. Mineralogy and Geology.
4. The applications of all these to Agriculture.

VII.—DEPARTMENT OF MATHEMATICS.

GEORGE R. PERKINS, LL. D., *Professor.*

FREDERICK HUMPHREY, A. M., *Teacher.*

The following is the course in this Department, and it is at present entirely under the charge of Frederick Humphrey, A. M., as Teacher :

FIRST YEAR.

First Term: Robinson's Algebra. Loomis' Geometry, three books.

[10] *Second Term:* Loomis's Geometry, completed. Review of the studies of the year.

SECOND YEAR.

First Term: Loomis' Logarithms, Plane and Spherical. Trigonometry, Mensuration of Surfaces and Solids. Loomis' Analytical Geometry, six sections.

Second Term: Loomis' Analytical Geometry, completed. Loomis' Conic Sections, Surveying and Navigation. Biennial review of the studies of the course.

THIRD YEAR.

First Term: Loomis' Differential and Integral Calculus. Olmsted's Astronomy, commenced.

Second Term: Olmsted's Astronomy, completed. Review of the studies of the course.

VIII.—DEPARTMENT OF NATURAL PHILOSOPHY.

J. M. STONE, *Professor.*

The subjects to be taught in this Department are :

1. Mechanics, including Statics, Dynamics, Hydrostatics, Hydraulics and Pneumatics. Analysis of Machinery, its elements, uses, conditions and applications.
2. Electricity, Magnetism and Electro-Magnetism.
3. Acoustics.
4. Optics.
5. Meteorology.

IX.—DEPARTMENT OF CHEMISTRY. [11]

JOSIAH D. WHITNEY, A. M., *Professor.*

The subjects to be taught in this Department are :

1. The imponderable agents.
2. The General Principles of Chemical Philosophy. Affinity,

Laws of Combination, Atomic Theory, Electro-Chemical Decomposition, etc.

3. Inorganic Chemistry.
4. Organic Chemistry.
5. Applications of Chemistry to Agriculture and the Arts.

CLASSIFICATION OF THE DEPARTMENTS.

The first five Departments constitute the Philosophical course of study, and the last four the Scientific.

CHOICE OF DEPARTMENTS.

Every student can attend whatever Departments he chooses; with the condition that he shall attend at least three, unless he has the written authority of his parent or guardian, or the Faculty shall, for good cause shown, allow him to attend a less number.

[12] AGE AND QUALIFICATIONS.

No student shall be admitted into any Department of the University proper under fifteen years of age, with the exception that the Faculty, under the peculiar circumstances of the case, may admit under that age. If the applicant has been a student at any other incorporated institution of learning, he must produce a certificate from such institution, or other evidence satisfactory to the Faculty, testifying to his general good conduct and scholarship. He must also sustain satisfactory examinations by the Professors in whose Departments he proposes to enter.

METHODS OF INSTRUCTION.

The Departments of Intellectual Philosophy, Moral Philosophy, History, Natural History, Natural Philosophy and Chemistry, are to be taught exclusively by lecture and examination. The Trustees have been led to the adoption of this principle by the considerations:

1. That it must secure able Professors in each Department, as no others can possibly sustain themselves.
2. It secures a teaching more in accordance with the actual state and condition of science, which is, and must ever be, progressive.
3. It enables the teacher to adapt his instruction to the [13] capacity of the student, and thus to secure his more effectual progress.
4. It brings the *living mind* into direct contact with *that of the*

student, and thus awakens his powers, kindles his enthusiasm, and results in a higher and more perfect culture.

5. It is the *only method* followed in the Universities on the continent of Europe, and has there been fully and satisfactorily tested and its results approved.

DEGREES.

These are four in number, and are conferred as follows :

A student who has pursued and completed any three of the first five Departments, and sustained satisfactory examinations therein, will be entitled to the Degree of BACHELOR OF PHILOSOPHY.

A student who has pursued and completed any three of the last four Departments, and sustained like examinations, will be entitled to the Degree of BACHELOR OF SCIENCE.

A student who has completed the courses of study in any three Departments in the philosophical course, and also any three in the scientific, sustaining like examinations in each, will be entitled to the Degree of BACHELOR OF ARTS.

A student who has completed the studies embraced in the nine Departments, and sustained satisfactory examinations in each, will be entitled to the Degree of DOCTOR OF PHILOSOPHY.

The Departments are designed to be so arranged as to enable students to take the Degree of BACHELOR OF PHILOSOPHY, or of BACHELOR OF SCIENCE, at the close of two years ; that of BACHELOR OF ARTS at the close of four years ; and that of DOCTOR OF PHILOSOPHY at the close of six, the intention being to average the courses at two years each.

FEEES AND EXPENSES. — BOARD. [14]

The fee payable to the University by each student is ten dollars per term, to be paid one-half upon entering and the remainder at the middle of the term. No other charge is made.

Board in private families may be obtained at from two to three dollars per week, and it is hoped and expected that by means of special efforts which they design to make, it may be had at a still lower rate.

NORMAL SCHOOL.

There is at present connected with the University a Normal Department, under the care of D. Franklin Wells, in which are taught the elementary branches of common education, and also the most approved methods and processes of teaching.

LOCATION.

The University is located at Iowa City, which now numbers some six thousand inhabitants. It is beautifully situated on the Iowa river; readily accessible by railroad from the East; surrounded by forests and rolling prairies; possessing at all times a fine bracing atmosphere, and a climate which has ever proved mild and healthy.

TERMS.

The University year is divided into two terms. The first commences on the THIRD WEDNESDAY OF SEPTEMBER, and continues for twenty weeks, closing on Friday of the twentieth week. Then occurs a vacation of one week. On the WEDNESDAY OF THE WEEK FOLLOWING commences the second term, which, continuing for twenty weeks, will close the University year.

DEPARTMENTS IN OPERATION.

Besides the Preparatory and Normal Departments, the Trustees have arranged to open for students for the ensuing year the following departments in the University proper, viz: those of the ANCIENT LANGUAGES, of the MODERN LANGUAGES, of the MATHEMATICS, and of NATURAL PHILOSOPHY. They have deemed it proper first to organize the Departments, and then to open gradually and successively, for the admission of students, such, and so many only, as the exigencies of the time require. They have organized the University for the *future* as well as the *present*, and in that organization have been more solicitous of bestowing upon it the elements of *future growth* than of *present perfection*. They have now Libraries, Philosophical and Chemical Apparatus, and Cabinets of Natural History to provide, and will open the departments for instruction as fast as the people of Iowa will furnish students to be instructed. They have framed it for a HIGHER INSTITUTION OF LEARNING, and when the [15] sciences and their applications come to be fairly required, they intend to be fully prepared to meet that requirement.

But while framed to furnish the loftiest style of culture, it can also adapt itself to the lowest. By its rejection of college classes, and its adoption of independent departments, it is enabled to furnish to the student just what instruction he requires, without, at the same time, compelling him to receive much that he does not want. Ordinary colleges, by rendering classical attainments necessary to the entrance of the student, exclude many who design to fit themselves for the common pursuits of life, from their halls of learning. To this large class those De-

partments of the University, which require no previous classical attainment, offer a ready admission, and afford facilities for instruction. The Trustees, therefore, deem themselves fortunate in having adopted an organization which, while it offers to college graduates a scientific course of instruction which they cannot there obtain, can at the same time furnish to those excluded from college halls, the means of perfecting themselves in farming, mechanical, commercial, and other ordinary pursuits of life.

NOTE.—The publication of this Circular was ordered by the Board at a semi-annual meeting, June 30, 1856.—T. S. PARVIN.



FIRST CATALOGUE
OF THE
STATE UNIVERSITY OF IOWA.

FOR THE YEAR 1856-57.

IOWA CITY, IOWA.

PUBLISHED BY THE UNIVERSITY.

(*Imprint.* — J. TEESDALE, PRINTER. — 1857.)

TRUSTEES

OF THE STATE UNIVERSITY OF IOWA.

HON. MATURIN L. FISHER, *Superintendent of Public Instruction, and President of the Board.*

HIS EX. JAMES W. GRIMES, *Governor, Trustee ex-officio.*

MOSES J. MORSMAN, M. D., *Vice-President.*

HON. ELIJAH SELLS, *Secretary.*

H. W. LATHROP, *Treasurer.*

E. C. LYON,

P. L. LAKE, M. D.,

THOMAS FARMER,

HON. AMOS WITTER, M. D.,

JOHN W. RANKIN,

HON. SAM'L J. KIRKWOOD,

EDWARD CONNELLY,

LAUREN DEWEY,

E. C. BIDWELL,

HON. LINCOLN CLARK,

H. D. DOWNEY,

HON. WM. P. DAVIS, M. D.

FACULTY.

AMOS DEAN, LL. D., CHANCELLOR,
AND PROFESSOR OF HISTORY.

HENRY S. WELTON, A. M.,
PROFESSOR OF ANCIENT LANGUAGES.

JAMES HALL, A. M.,
PROFESSOR OF NATURAL HISTORY.

JOSIAH D. WHITNEY, A. M.,
PROFESSOR OF CHEMISTRY.

REV. J. M. STONE, A. M.,
PROFESSOR OF NATURAL PHILOSOPHY.

FREDERICK HUMPHREY, A. M.,
PROFESSOR OF MATHEMATICS.

EDWARD BONDALIE,
TEACHER OF MODERN LANGUAGES.

D. FRANKLIN WELLS, A. B.,
PROFESSOR OF THEORY AND PRACTICE OF TEACHING.

E. M. GUFFIN, A. M.,
PRINCIPAL OF PREPARATORY DEPARTMENT.

GENERAL CATALOGUE OF STUDENTS.

GENTLEMEN.

NAME.	RESIDENCE.
Allen, William T.....	<i>Iowa City.</i>
Aylsworth, L. Parker.....	<i>Iowa City.</i>
Borland, John W.....	<i>Pleasant Valley.</i>
Borland, Charles D.....	<i>Iowa City.</i>
Borland, William D.....	<i>Pleasant Valley.</i>
Callow, John C.....	<i>Iowa City.</i>
Cary, John L.....	<i>Iowa City.</i>
Coast, Wm P.....	<i>Iowa City.</i>
Clark, Horace S.....	<i>Iowa City.</i>
Cutler, J. P.....	<i>Iowa City.</i>
Connard, Willis D.....	<i>Iowa City.</i>
Cole, Dexter N.....	<i>Honey Creek.</i>
Culbertson, John N.....	<i>Princeton.</i>
Dana, Eugene C.....	<i>Iowa City.</i>
Denison, Gerdon A.....	<i>Iowa City.</i>
Duncan, Wm, H*.....	<i>Iowa City.</i>
Dull, Louis P.....	<i>Iowa City.</i>
Detwiler, Antony L.....	<i>Iowa City.</i>
Detwiler, Jacob H.....	<i>Iowa City.</i>
Ferguson, Felix H.....	<i>Iowa City.</i>
Foster, Henry B.....	<i>Iowa City.</i>
Fyffe, John C.....	<i>Iowa City.</i>
Fairall, Hermon H.....	<i>Grantsville, Md.</i>
Hampton, George S.....	<i>Iowa City.</i>
Hampton, Richard M.....	<i>Iowa City.</i>
Hatch, George W.....	<i>Iowa City.</i>
Hand, George W.....	<i>Iowa City.</i>
Hazard William S.....	<i>Solon.</i>
Hireen, James.....	<i>Iowa City.</i>
Hoops, Evan T.....	<i>Iowa City.</i>
Hughes, Ellis.....	<i>Iowa City.</i>
Hutchinson, Zella W.....	<i>Iowa City.</i>
Holt, Nelson R.....	<i>Iowa City.</i>
Hawkins, James O.....	<i>Iowa City.</i>
Ijams, Joseph H. H.....	<i>Iowa City.</i>
Jenkins, Louis.....	<i>Iowa City.</i>
Jenkins, Albert.....	<i>Iowa City.</i>
Knight, W. T.....	<i>Moscow.</i>
Kauffman, John W.....	<i>Iowa City.</i>
Lake, John E.....	<i>Iowa City.</i>
Lake, Constant S.....	<i>Iowa City.</i>

NAMES.	RESIDENCE.
Lee, Oscar B	<i>Iowa City.</i>
Lyon, Casson	<i>Iowa City.</i>
Magill, Marion M	<i>Iowa City.</i>
Maynard, Henry H.....	<i>North Liberty.</i>
McCullough, Matthew.....	<i>Iowa City.</i>
McCullough, George.....	<i>Iowa City.</i>
McCullough, Henry B.....	<i>Iowa City.</i>
McCullough, William C.....	<i>Iowa City.</i>
Morsman, Edgar.....	<i>Iowa City.</i>
Morsman, Westel W.....	<i>Iowa City.</i>
Murphy, Jeremiah H.....	<i>Green.</i>
Morrison, Robert.....	<i>Iowa City.</i>
Murray, William B.....	<i>Iowa City.</i>
Murray, Albert.....	<i>Iowa City.</i>
Patton, Justin M.....	<i>Iowa City.</i>
Patterson, John.....	<i>Green.</i>
Phillips, Levi M.....	<i>Liberty.</i>
Pinney, Charles F.....	<i>Iowa City.</i>
Picard, Wm.....	<i>Iowa City.</i>
Porter, John W.....	<i>Iowa City.</i>
Sauxay, Theodore F.....	<i>Iowa City.</i>
Sauxay, James P.....	<i>Iowa City.</i>
Samson, Andrew T.....	<i>Iowa City.</i>
Sale, Timothy H.....	<i>Iowa City.</i>
Shearer, Melville M.....	<i>Iowa City.</i>
Shearer, James J.....	<i>Iowa City.</i>
Smith, Dexter E.....	<i>Iowa City.</i>
Smith, Carey R	<i>Iowa City.</i>
Smith, George W.....	<i>Iowa City.</i>
Smith, Everett L.....	<i>Iowa City.</i>
Smith, Julius A.....	<i>Iowa City.</i>
Smith, Charles W.....	<i>Iowa City.</i>
Stone, Augustus G.....	<i>Iowa City.</i>
Seaman, A. J.....	<i>Iowa City.</i>
Talbott, Elisha H.....	<i>Iowa City.</i>
Teesdale, Robert.....	<i>Iowa City.</i>
Thayer, Benjamin F.....	<i>West Liberty.</i>
Vogt, George.....	<i>Minnesota.</i>
Wheeler, Henry C.....	<i>Davenport.</i>
Wood, Cornelius H.....	<i>Iowa City.</i>
Wood, Wilberforce.....	<i>Iowa City.</i>
Weber, Frederick.....	<i>Iowa City.</i>
White, James W.....	<i>Iowa City.</i>

TOTAL—83.

LADIES.

[5]

Names.	Residence.	
Aylsworth, Cellina H	Iowa City.	
Berger, Sarah A.	Iowa City.	
Borland, Martha J.	Iowa City.	
Borland, Addine H.	Pleasant Valley.	
Bowen, Jessie M.	Iowa City.	
Bradshaw, Mary J.	Iowa City.	
Buttles, Mollie A.	Iowa City.	
Cartwright, Sarah J.	Iowa City.	
Connelly, Annie B.	Iowa City.	
Connelly, Mary A.	Iowa City.	
Deuel, Helen J.	Iowa City.	
Davis, Lucy A.	Cedar Rapids.	
Green, Mary A.	Iowa City.	
Guffin, Mary R.	Liberty.	
Hart, Isabel	Iowa City.	
Hart, Antoinette	Iowa City.	
Hart, M. Emma	Iowa City.	
Humphrey, Elizabeth S.	Windham.	
Hutchinson, Julia E.	Iowa City.	
Jenkins, Sarah H.	Iowa City.	
Jones, Harvena	Iowa City.	
Kirkham, Olive J.	Clear Creek.	
Mahan, Lucie D.	Iowa City.	
Moore, Ellen H.	Iowa City.	
Moore, Eliza J.	Iowa City.	
Morton, Margaret E.	Iowa City.	
Morsman, Louise	Iowa City.	
Pinney, Annis A.	Iowa City.	
Porter, Matilda E.	Iowa City.	
Raymond, Mary L.	Iowa City.	
Shockey, E. O.	Iowa City.	
Schell, Mary C.	Iowa City.	
Stone, Amanda C.	Iowa City.	
Sherman, Ester A.	Scott.	
Swan, Ella A.	Iowa City.	
Talbott, Ann P.	Iowa City.	
Thompson, Sylvia M.	Iowa City.	
Trotter, Isadora	Iowa City.	
Ward, Martha A.	Iowa City.	
White, Frances A.	Iowa City.	
Zimmerman, M. Ann.	Scott.	TOTAL—41.

GENTLEMEN, 83; LADIES, 41; TOTAL, 124.

*DECEASED.

CATALOGUE OF DEPARTMENTS.

PREPARATORY DEPARTMENT.

GENTLEMEN.

Borland, W. D.,	Hazard, Wm. S.,	Sanxay, T. F.,
Borland, J. W.,	Hoops, E. T.,	Sanxay, J. P.,
Borland, C. E.,	Hutchinson, Zella W.,	Seaman, A. J.,
Cary, J. L.,	Ijams, Joseph H. H.,	Shearer, M. M.,
Coast, W. P.,	Jenkins, L.,	Shearer, Jas. J.,
Cole, D. M.,	Jenkins, Albert,	Smith, Julius A.,
Culbertson, J. C.,	Kauffman, John W.,	Smith, E. L.,
Detwiler, A. N.,	Lake, Constant L.,	Smith, Geo. W.,
Detwiler, Jacob H.,	Lee, Oscar B.,	Smith, D. E.,
Duncan, Wm. H.,	Lyon, Casson,	Smith, C. R.,
Dull, L. P. P.,	McCullough, George,	Smith, C. W.,
Dennison, G. A.,	McCullough, H. B.,	Talbott, E. H.,
Ferguson, Felix H.,	Magill, Marion M.,	Teesdale, R.,
Foster, H. B.,	Morsman, Westel W.,	White, James W.,
Fyffe, J. C.,	Murray, A. F.,	Wheeler, Henry C.,
Hampton, R. M.,	Murray, Wm. B.,	Woods, Wilberforce,
Hand, George,	Sale, Timothy F.,	Hawkins, James O.
Hatch, George W.,	Samson, A. F.,	TOTAL—53.

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LADIES.

Bradshaw, Mary J.,	Hart, A.,	Mahan, L. D.,
Connelly, Mary A.,	Hutchinson, Julia E.,	Morsman, L.,
Connelly, A. B.,	Jones, Harvena,	Porter, M. E.,
Hart, M. E.,	Kirkham, O. J.,	Raymond, M. L.
		TOTAL—12.

II.—NORMAL DEPARTMENT.

GENTLEMEN.

Aylsworth, Parker L.,	Holt, N. R.,	Patton, J. M.,
Allen, Wm. P.,	Hoops, E. T.,	Phillips, Levi M.,
Callow, J. C.,	Knight, Wm. T.,	Pinney, C. F.,
Connard, Willis D.,	Maynard, H. H.,	Samson, A. T.,
Cutler, Jonathan P.,	Morrison, R.,	Thayer, Benj. F.
		TOTAL—15.

LADIES.

Aylsworth, C. H.,	Guffin, Mary R.,	Swan, Ella A.,
Berger, S. A.,	Humphrey, E. S.,	Talbott, Ann P.,
Borland, A. H.,	Jenkins, S. H.,	Thompson, S. M.,
Borland, M. J.,	Moore, Eliza J.,	Trotter, Isadora,
Bowen, Jessie M.,	Moore, Ellen H.,	Ward, Martha J.,
Clark, Augusta,	Pinney, Annis A.,	White, Frances A.,
Davis, Lucy A.,	Schell, Mary C.,	Zimmerman, M. A.
Deuel, Helen, J.,	Sherman, E. A.,	
Green, Mary A.,	Shockey, E. O.,	TOTAL—25.

III.—DEPARTMENT OF ANCIENT LANGUAGES. [8]

GENTLEMEN.

Borland, J. W.,	Hawkins, J. O.,	Porter, J. W.,
Coast, W. P.,	Ijams, J. H. H.,	Sanxay, T. F.,
Culbertson, J. N.,	Lake, J. E.,	Shearer, M. M.,
Detwiler, A. N.,	Lake, C. S.,	Stone, A. G.,
Duncan, Wm. H.,	Lee, O. B.,	Talbott, E. H.,
Fairall, H. H.,	Murphy, J. H.,	Teesdale, R.,
Hampton, G. S.,	McCullough, M. S.,	Weber, F.
	McCullough, H. B.,	TOTAL—22.

LADIES.

Bowen, J. M.,	Cartwright, S. J.,	Hart, M. A.
	Hart, I.,	TOTAL—4.

III.—DEPARTMENT OF MODERN LANGUAGES.

GENTLEMEN.

Allen, W. P.,	Morsman, E.,	Talbott, E. H.,
Detwiler, A. N.,	Morsman, W. W.,	Thayer, B. F.
Detwiler, J. H.,	Murray, Wm. B.,	
Hawkins, J. O.,	Smith, D. E.,	TOTAL—10.

LADIES.

Buttles, M. A.,	Mahan, L. D.,	Porter, M. E.,
Cartwright, S. J.,	Morsman, L.,	Talbott, A. P.
Hart, M. A.,	Moore, E. H.,	TOTAL—8.

V.—DEPARTMENT OF MENTAL PHILOSOPHY. [9]

GENTLEMEN.

Cutler, J. P.,	Murphy, J. H.,	Phillips, L. M.
		TOTAL—3.

LADIES.

Aylsworth, C. H.,	Hart, M. A.,	Trotter, I.,
Green, M. A.,	Humphrey, E. S.,	Ward, M. A.
	Pinney, A.,	TOTAL—7.

VI.—MATHEMATICAL DEPARTMENT.

GENTLEMEN.

Allen, Wm. P.,	Hampton, Geo S.,	Murphy, J. H.,
Aylsworth, Levi P.,	Hawkins, J. O.,	Phillips, L.,
Borland, Charles E.,	Lake, C. S.,	Porter, J. W.,
Callow, John C.,	Lake, John E.,	Smith, D. Edson,
Coast, Wm. P.,	McCullough, M. S.,	Stone, Augustus,
Connard, Willis D.,	McCullough, Wm. C.,	Weber, Frederick,
Detwiler, Antony,	Morrison, R.,	Wood, C. H.
Fairall, H. H.,	Morsman, Edgar,	TOTAL—23.

LADIES.

Aylsworth, C. H.,	Green, M. A.,	Pinney, A.,
Buttles, M. A.,	Hart, Isabel,	Stone, Amanda C.
Deuel, H. J.,	Humphrey, E. S.,	TOTAL—8.

[10] VII.—DEPARTMENT OF NATURAL PHILOSOPHY.

GENTLEMEN.

Borland, J. W.,	Hatch, G. W.,	Morrison, R.,
Borland, C. E.,	Hoops, E. T.,	Patton, J. M.,
Cary, J. L.,	Kauffman, J. W.,	Patterson, J.,
Culbertson, J. N.,	Knight, W. S.,	Phillips, L.,
Cutler, J. P.,	Lake, C. S.,	Shearer, Melville M.,
Duncan, W. H.,	Maynard, H. H.,	Smith, D. E.
		TOTAL—18.

LADIES.

Aylsworth, C. H.,	Green, M. A.,	Sherman, E. A.,
Bradshaw, M. J.,	Guffin, M. R.,	Shockey, E. O.,
Borland, A. H.,	Humphrey, E. S.,	Stone, A. C.,
Bowen, J. M.,	Hart, I.,	Talbott, A. P.,
Connelly, A. B.,	Moore, E. J.,	Thompson, S. M.,
Connelly, M. A.,	Mahan, L. D.,	Trotter, I.,
Davis, L. A.,	Morsman, L.,	Zimmerman, M. A.
Deuel, H. J.,	Pinney, A.,	TOTAL—23.

SUMMARY.

Whole number during the year.....	124
Preparatory Department.....	65
Normal	40
Department of Ancient Languages.....	26
“ Modern Languages.....	18
“ Mental Philosophy.....	10
“ Mathematics	31
“ Natural Philosophy.....	41

Iowa State University
WITHDRAWN

EXHIBITION.
STATE UNIVERSITY.

WEDNESDAY EVENING, FEBRUARY 4TH, 1857.

[Imprint.—IOWA CITY REPUBLICAN PRINT.—1857.]

ORDER OF EXERCISES.

PRAYER.

DISTRIBUTION OF SCHEMES.

MUSIC.

DECLAMATIONS.

GEO. P. McCULLOUGH,.....Excelsior.
L. P. AYLWORTH,.....Washington.
J. O. HAWKINS,.....Duties of American Citizens.

ESSAYS.

MISS M. A. HART,....."Not Prepared."
MISS M. R. GUFFIN,.....The Snow Storm.
MISS M. A. ZIMMERMAN,.....Music.
MISS E. S. HUMPHREY,.....The Hearthstone.

MUSIC.

DECLAMATIONS.

T. F. SANXAY,.....Moral vs. Physical Force.
J. C. CULBERTSON,.....North American Indians.
J. P. CUTLER,.....Past Ages.
W. W. MORSMAN,.....Necessity of Law.
W. D. BORLAND,.....Address to a Jury.

MUSIC.

COLLOQUY.

MISS A. A. PINNEY,	} ..Home Education and Home Influence.
MISS NETTIE HART,	
MISS M. A. GREEN,	
MISS M. J. BORLAND,	

DECLAMATIONS.

J. W. PORTER,	(Original).....	Object in Life.
D. E. SMITH,.....	.....	Don't Depend on Father.

MUSIC.

DECLAMATIONS.

GEO. S. HAMPTON,.....	.....	Education.
J. E. LAKE,.....	.....	Eloquence of Logic.
C. F. PINNEY, .....	.....	Grattan's Reply to Curry.
C. E. BORLAND, .....	.....	Tell on the Alps.
J. H. H. IJAMS,.....	.....	Pickwick.

MUSIC.

ESSAYS.

MISS I. TROTTER,.....	.....	Time.
MISS A. A. PINNEY,.....	.....	Truth and Error.
MISS C. H. AYLWORTH,.....	.....	A Vacant Seat.
MISS M. A. GREEN,.....	.....	Live for Something.

DECLAMATIONS.

J. H. MURPHY, (original) ..	Industry necessary to attain Eminence.
J. W. BORLAND,.....	The Student.

BENEDICTION.

MUSIC.

The next University term will commence Wednesday, February 11th, 1857.

ORDER OF
FIRST COMMENCEMENT EXERCISES
IN IOWA STATE UNIVERSITY.

TUESDAY, JUNE 30TH, 1857.

MUSIC AND DISTRIBUTION OF SCHEMES.

PRAYER.

EXTRACT.	Salutatory, Latin,.....	FREDERICK WEBER.
EXTRACT.	Fall of Poland,.....	JOHN W. KAUFFMAN.
ORATION.	Greece,.....	THEODORE F. SANXAY.
EXTRACT.	Survivors of the Revolution,.....	L. P. AYLWORTH.
ORATION.	Conquest of Thought,.....	M. S. McCULLOUGH.
EXTRACT.	The Soldier of Bingen,.....	J. O. HAWKINS.

MUSIC.

THE LADIES' OFFERING,.....	Readers,	{ MISS NETTIE M. HART.
		{ MISS M. E. BRADSHAW.

CONTENTS.

Childhood,.....	MISS MARIETTA A. CONNELLY.
The Desire of Eminence,.....	MISS ISABELLA HART.
Midnight,.....	MISS L. D. MAHAN.
Meddling and Gossiping Among Men,....	MISS A. CONNELLY.
The Shell,.....	MISS M. BUTTLES.
Imagination,.....	MISS MARY A. HART.
The Twilight of the Heart,.....	MISS M. E. PORTER.
The Storm at Sea,.....	MISS M. E. BRADSHAW.

MUSIC.

EXTRACT.	Enthusiasm,.....	MELVILLE M. SHEARER.
ORATION.	"Life is Real, Life is Earnest,"....	E. H. TALBOTT.
EXTRACT.	Friendly to Freedom,.....	CHARLES E. BORLAND.
ORATION.	America,.....	J. H. H. LAMM.

MUSIC.

THE GEM OF THOUGHT, Readers, { Miss M. J. BORLAND,
 { Miss JESSE M. BOWEN.

CONTENTS.

Music, Miss C. H. AYLWORTH.
 The Study of Physiology, Miss E. O. SHOCKEY.
 Early Rising, Miss M. C. SCHELL.
 Blessings Brighten as they take their Flight,
 Miss M. J. BORLAND.
 Twilight, Miss A. H. BORLAND.
 To-morrow, Miss S. M. THOMPSON.
 Death, Miss S. A. BERGER.
 The Scholar's Hope, Miss M. R. GUFFIN.
 A Vision of the Present, Miss J. M. BOWEN.

MUSIC.

ORATION. The Power of the Bible, D. EDSON SMITH.
 ORATION. Public Opinion, J. H. MURPHY.
 ORATION. The Spanish Armada, J. W. BORLAND.

BENEDICTION.

MUSIC.



STATE UNIVERSITY OF IOWA.

PREPARATORY DEPARTMENT.

E. M. GUFFIN, A. M., *Principal.*

Those entering this Department, to reap the greatest possible benefit, should be well instructed in the elementary English branches, reading, writing, spelling and mental arithmetic, in the first exercises of written arithmetic, should have some knowledge of geography and grammar, should be of a suitable age, and sustain a good moral character.

The principal object of the Preparatory School is to fit the student for some of the Departments in the University. In it the chief and constant aim will be to make the pupil thoroughly efficient as far as he goes. The course of instruction requires two years for its completion, and is sufficiently extensive and thorough to enable those who have gone through with it to enter any Department of the University. It is as follows :

FIRST YEAR.

First Term: Outlines of Physical Geography—*Colton & Fitch's*. English Grammar and Analysis—*Clark's*. Higher Arithmetic commenced—*Davies'*. Outlines of General History commenced—*Wilson's*. Latin Grammar and Reader commenced—*Andrew's & Stoddard's*.

Second Term: Higher Arithmetic completed. Latin Grammar and Reader completed. Cæsar's Commentaries commenced—*Andrew's*. Greek Grammar commenced—*Bullion's*. History completed. Book-keeping—*Mayhew's*.

SECOND YEAR.

[12]

First Term: Algebra commenced—*Davies'*. Cæsar's Commentaries completed. Virgil commenced—*Cooper's*. Greek Grammar and Reader—*Bullion's*. English Grammar reviewed. Physiology—*Cutter's*.

Second Term: Algebra to the 7th chapter of Bourdon. Rudiments of Natural Philosophy—*Parker's*. Virgil completed to the 7th book of *Æneid*—*Cooper's*. Cicero's Orations (four)—*Bullion's*. Xenophon's *Anabasis* (one book)—*Owen's*. Rudiments of Chemistry.

The classical studies are optional, and may be omitted while others are pursued. The order of some of the studies may be changed as circumstances may require.

NORMAL DEPARTMENT.

D. FRANKLIN WELLS, A. B., *Professor.*

The Normal Department, under the charge of the Professor of Theory and Practice of Teaching, is especially designed for the education of common school teachers.

The course of study and training includes all the common and higher English branches of a liberal education, together with the theory and art of teaching, and practice in the model school. The studies are so arranged that the course can ordinarily be completed in two years.

Candidates for admission are examined in orthography, arithmetic, geography and English grammar. They must sustain an irreproachable moral character. Both males and females are [13] admitted. Persons to the number of fifty, receiving certificates of appointment from the Governor, the Superintendent of Public Instruction, or any one of the District Judges, will receive instruction *free of charge*.

The members of this Department will, to some extent, be combined with classes in other Departments, when such combination can be made advantageously. They will share all the advantages enjoyed by other students of the University.

Lectures on the Science of Education and the Art of Teaching will be given frequently, and it will be the aim to make them practical. The best methods of organizing, disciplining and instructing schools, and the means by which the co-operation of parents in the work of education may be secured, will be familiarly discussed.

There is connected with the Normal Department a model school, or a school for practice, composed of pupils of the ages usually found in public schools throughout the State. Each member of the Normal Department, before graduating, will be required to spend from two to four weeks in the model school as a teacher, where, under the superintendence of the Principal, he will have an opportunity of reducing theory to practice. By thus taking part in the administration of a well-organized school he will become familiar with the *details of teaching*, and be prepared to labor successfully after leaving the institution. He will also learn the advantage of *method* and *system* in conducting the affairs of a school.

A diploma will be awarded to those who, having completed the prescribed course of study, give satisfactory evidence of sound and accurate scholarship, combined with those other peculiar qualifications so essential to the teacher's success.

The demand for good teachers is constant and increasing, and the advantages of this institution are freely offered to those who wish to prepare themselves for the high and responsible duties of instructors of youth.

Worthy teachers will be assisted in obtaining situations, and school officers will, as far as practicable, be furnished with teachers, on application to this Department.

The following is the course of study, arranged without reference to the order in which the several branches will be taken up, or the length of time that will be devoted to each :

Orthography, including the elementary sounds of the lan- [14]
guage, Reading, Spelling, Definition, and Analysis of words.

Penmanship, Drawing and Book-keeping.

Geography, Physical and Descriptive

Mathematical Geography, the use of Globes and Map Drawing.

History of the United States.

English Grammar, including Analysis and Synthesis of Sentences.—*Pinneo's*.

Composition, including Rhetoric and Criticism.—*Quackenbos'*.

Mental Arithmetic—*Stoddard's*.

Written Arithmetic—*Davies'*.

Higher Arithmetic—*Davies' University*.

Algebra—*Davies'*.

Geometry—*Davies' Legendre*.

Anatomy, Physiology and Hygiene.—*Cutter's*.

Natural Philosophy—*Parker's and Lectures*.

Moral Philosophy—*Wayland's and Lectures*.

Mental Philosephy—*Wayland's and Lectures*.

Theory and Art of Teaching—*Page's and Lectures*.

Practice in the Model School.

THE UNIVERSITY PROPER.

Is organized with nine Departments. Each one of these is to be under the charge of a Professor, who is to have the special care of his Department, and to be responsible for the progress and attainments of the students therein. These Departments are :

I.—DEPARTMENT OF ANCIENT LANGUAGES.

HENRY S. WELTON, A. M., *Professor*.

This Department affords instruction in the Latin and Greek languages, their history, philosophy and literature, including also the general principles of Philology.

Candidates for admission to this Department will be examined in Latin and Greek Grammar, Cæsar's Commentaries or Sallust, Cicero's Orations (four), six books of Virgil, and the prose of the Greek Reader. Those desiring an advanced standing will also be examined in the studies that have been pursued by the class which they wish to enter, or an equivalent.

The following is the course of study in this Department :

FIRST YEAR.

First Term : Livy—*Lincoln's*. Greek Historians—*Felton's*. Latin Prose Composition—*Arnold's*. Greek Prose Composition—*Arnold's*.

Second Term : Odes and Satire of Horace—*Lincoln's*. Homer's Iliad—*Owen's*. Latin Prose Composition completed. Greek Prose Composition completed.

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SECOND YEAR.

First Term : Horace completed. Cicero de Amicitia et Senectute—*Thatcher's*. Demosthenes de Corona—*Champlin's*. Lectures on Grecian orators.

Second Term : Tacitus Germania et Agricola—*Tyler's*. Juvenal. Select Greek Tragedies—*Woolsey's*. Lectures on the Greek Drama.

A third class will be formed for those who wish to pursue a more extended course.

The following books are recommended for reference in this Department : Andrew's & Stoddard's, or Bullion's Latin Grammar. Andrew's or Leverett's Latin Lexicon. Anthon's Classical Dictionary. Ramshorn's Latin Synonyms. Findlay's Ancient Atlas. Crosby's or Bullion's Greek Grammar. Liddle & Scott's, or Pickering's Greek Lexicon. Eschenburg's Manual of Classical Literature. Smith's Dictionary of Greek and Roman Antiquities.

II.—DEPARTMENT OF MODERN LANGUAGES.

EDWARD BONDALIE, *Teacher*.

The subjects to be taught in this Department are :

1. The French, German and Italian languages.
2. The literature of these languages, and the history of each idiom.
3. Comparative Philology, and the principles of the Science of Language.

[17] The text books used in this department are : In German, Ahn's Method ; in French, Fasquelle's Course.

The following, also, are recommended as books of reference : Woodbury's German Reader, Adler's German-English Dictionary, and Fasquelle's French Reader.

III.—DEPARTMENT OF INTELLECTUAL PHILOSOPHY.

The subjects to be taught in this Department are :

1. Intellectual Philosophy, including the analysis, characteristics, condition and modes of action of the intellectual powers. Critical review of the different systems of Intellectual Philosophy, Eclecticism.

2. Logic, its elements and applications.

3. Rhetoric, its theory and practice.

4. Oratory, its theory and practice.

5. The Elements of Criticism and their applications.

Instruction in this Department has been given during the past year by Prof. Stone of the Department of Natural Philosophy.

IV.—DEPARTMENT OF MORAL PHILOSOPHY.

The subjects to be taught in this Department are :

1. Analysis of the Moral Powers, their characteristics, conditions and modes of action.

2. Moral Philosophy or principles of morals, including theoretical and practical ethics.

3. Critical review of the different systems of Moral Philosophy.

4. National, International and Constitutional Law.

5. Principles of Political Economy, and their applications to the actual condition and progress of nations.

V.—DEPARTMENT OF HISTORY.

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THE CHANCELLOR, *Professor.*

The subjects to be taught in this Department are :

1. The Geographical Position of Nations, more particularly in reference to their industrial pursuits and foreign relations.

2. The outlines of their general history in reference to their representative men, their negotiations, wars and national acts.

3. The interior history, or development of nations—first, in their industry ; second, in their religion ; third, in their government ; fourth, in their society ; fifth, in their philosophy ; sixth, in their art.

The nations more particularly brought under review, are the ancient Assyrians, Babylonians, and Persians ; the ancient Egyptians, the Arabians, the Hebrews, the Phœnecians, the Grecians,

the Romans, and the different nations and peoples of modern Europe and America. The design is to familiarize the student with the principles that lie at the foundation of human progress; and with the agents, instruments, and main facts of civilization, as their successive evolution has made them matters of history.

It is thus made a department of applied science, as it exhibits the applications of the intellectual and moral forces, as they have passed from the possible into the actual, from prophecy into history. The department thus created, is entirely new, and is to be taught, as it can only be from the want of text-books, by lecture and examination; and these are to be daily exercises.

VI.—DEPARTMENT OF NATURAL HISTORY.

JAMES HALL, A. M., *Professor.*

The subjects to be taught in this Department are:

1. Zoology, including the Philosophy of Natural History.
- [19] 2. Botany, including the laws of Vegetable Life.
3. Mineralogy and Geology.
4. The application of all these to Agriculture.

The large collections in mineralogy and natural history, which have been accumulating during the progress of the State Geological Survey, will shortly be arranged in the Cabinet of the University.

VII.—DEPARTMENT OF MATHEMATICS.

FREDERICK HUMPHREY, A. M., *Professor.*

Candidates for admission to the Mathematical Department will be examined in Arithmetic, Elementary Algebra, and in the first three chapters of Robinson's Higher Algebra, or their equivalent.

In this Department, students are invariably required to demonstrate principles, and then for their application, deduce rules founded upon the demonstrations.

This method requires students to think, reason and classify as well as to study and memorize.

The fundamental laws of the mind and the different methods of reasoning are presented to students; and they are required to analyze and classify the principles of every branch studied in this Department, according to those laws and the great comprehensive principles of the science of Mathematics.

In Surveying and Civil Engineering, students will be thoroughly drilled in the use of instruments, by frequent field exercises, and by exercises in draughting.

The design is to teach the *art* as well as the *science*—to teach

land surveying in addition to *book* surveying. A practical knowledge of these branches must be acquired in the field, not in the recitation room.

During the past year this Department has been furnished with a complete set of surveying and engineering instruments.

That young men may know the facilities thus afforded for pursuing these branches practically, as well as theoretically, a list of the instruments now in this Department is annexed:

LIST OF INSTRUMENTS. [20]

One Surveyor's Compass with two Verniers, cost.....	\$ 55.00
One Engineer's Transit, with vertical Circle Clamp and tangent movement to axis of Telescope.....	150.00
One Level, with 22-inch Telescope and Leveling Rod.....	102.75
Draughting Instruments, Tape, Chains, etc.....	61.30
One Sextant, manufactured by Pistor & Martin, of Berlin, measuring angles of 180° , and reading to 10 seconds,..	125.00
Total cost, at <i>purchase</i> price, as per bill.....	\$494.05

This set of instruments combine the most recent improvements, with a substantial and finished style of workmanship.

The following constitutes the course of study in this Department:

FIRST YEAR.

First Term: Robinson's Algebra, University Edition. Loomis' Geometry, three books.

Second Term: Loomis' Geometry completed. Review of the studies of the year.

SECOND YEAR.

First Term: Loomis' Logarithms. Plane and Spherical Trigonometry, Mensuration of Surfaces and Solids. Loomis' Analytical Geometry, six sections.

Second Term: Loomis' Analytical Geometry completed. Loomis' Conic Sections, Surveying and Navigation. Biennial review of the studies of the course.

THIRD YEAR.

First Term: Loomis' Differential and Integral Calculus. Olmsted's Astronomy commenced.

Second Term: Olmsted's Astronomy completed. Review of the studies of the course.

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VIII.—DEPARTMENT OF NATURAL PHILOSOPHY.

REV. J. M. STONE, A. M., *Professor.*

The subjects to be taught in this Department are :

1. Mechanics, including Statics, Dynamics, Hydrostatics, Hydraulics and Pneumatics. Analysis of Machinery, its elements, uses, conditions and applications.
2. Electricity, Magnetism and Electro-Magnetism.
3. Acoustics.
4. Optics.
5. Meteorology.

To accomplish successfully the course of study embraced in this Department, students ought to be well grounded in Algebra, Geometry and Trigonometry ; and as preparatory to admission into the advanced classes they will be examined in these branches of Mathematics. The course of study, if fully pursued, will require at least two years. A valuable suit of apparatus has already been secured for the use of this Department, of which the following are a few specimens :

An Air Pump, at a cost of	\$80.00
An Electrical Machine, at a cost of.....	70.00
A Microscope, at a cost of.....	65.00
A set of Mechanical Powers and Atwood's Machine.....	75.00

Further additions to this suit will be made during the ensuing year.

The relations of every branch of study herein embraced, to the useful arts, will be carefully unfolded.

IX.—DEPARTMENT OF CHEMISTRY.

JOSIAH D. WHITNEY, A. M., *Professor.*

The subjects to be taught in this Department are :

1. The Imponderable Agents.
2. The General Principles of Chemical Philosophy. Affinity, Laws of Combination, Atomic Theory, Electro-Chemical Decomposition, etc.
3. Inorganic Chemistry.
- [22] 4. Organic Chemistry.
5. Applications of Chemistry to Agriculture and the Arts.

A liberal appropriation has been made for supplying this Department with apparatus and Chemicals ; and any demands for instruction in this connection during the ensuing year will be promptly met.

CLASSIFICATION OF THE DEPARTMENTS.

The first five Departments constitute the Philosophical course of study; the last four the Scientific.

CHOICE OF DEPARTMENTS.

Every student can attend whatever Departments he chooses, with the condition that he shall attend at least three, unless he has the written authority of his parent or guardian, or the Faculty shall, for good cause shown, allow him to attend a less number.

DEPARTMENTS IN OPERATION.

Besides the Preparatory and Normal Departments, the Trustees have opened the following departments in the University proper, viz: those of the ANCIENT LANGUAGES, of the MODERN LANGUAGES, of the MATHEMATICS, and of NATURAL PHILOSOPHY. They have deemed it proper first to organize the Departments, and then to open gradually and successively, for the admission of students, such, and so many only, as the exigencies of the time require. They have organized the University for the *future* as well as the *present*, and in that organization have been more solicitous of bestowing upon it the elements of *future growth* than of *present perfection*.

AGE AND QUALIFICATIONS.

No student shall be admitted into any Department of the University proper under fifteen years of age, with the exception that the Faculty, under the peculiar circumstances of the case, may admit under that age. If the applicant has been a student at any other incorporated institution of learning, he must produce a certificate from such institution, or other evidence satisfactory to the Faculty, testifying to his general good conduct and scholarship. He must also sustain satisfactory examinations by the Professors in whose Departments he proposes to enter.

METHODS OF INSTRUCTION.

The Departments of Intellectual Philosophy, Moral Philosophy, History, Natural History, Natural Philosophy and Chemistry, are to be taught exclusively by lecture and examination. [23] The Trustees have been led to the adoption of this principle by the considerations:

1. That it must secure able Professors in each Department, as no others can possibly sustain themselves.
2. It secures a teaching more in accordance with the actual

state and condition of science, which is, and must ever be, progressive.

3. It enables the teacher to adapt his instruction to the capacity of the student, and thus to secure his more effectual progress.

4. It brings the *living mind* into direct contact with *that of the student*, and thus awakens his powers, kindles his enthusiasm, and results in a higher and more perfect culture.

5. It is the *only method* followed in the Universities on the continent of Europe, and has there been fully and satisfactorily tested and its results approved.

DEGREES.

These are four in number, and are conferred as follows:

A student who has pursued and completed any three of the first five Departments, and sustained satisfactory examinations therein, will be entitled to the Degree of BACHELOR OF PHILOSOPHY.

A student who has pursued and completed any three of the last four Departments, and sustained like examinations, will be entitled to the Degree of BACHELOR OF SCIENCE.

A student who has completed the courses of study in any three Departments in the philosophical course, and also any three in the scientific, sustaining like examinations in each, will be entitled to the Degree of BACHELOR OF ARTS.

A student who has completed the studies embraced in the nine Departments, and sustained satisfactory examinations in each, will be entitled to the Degree of DOCTOR OF PHILOSOPHY.

The Departments are designed to be so arranged as to enable students to take the Degree of BACHELOR OF PHILOSOPHY, or of BACHELOR OF SCIENCE, at the close of two years; that of BACHELOR OF ARTS at the close of four years; and that of DOCTOR OF PHILOSOPHY at the close of six, the intention being to average the courses at two years each.

FEES AND EXPENSES. — BOARD.

The fee payable to the University by each student is ten dollars per term, to be paid one-half upon entering and the remainder at the middle of the term. No other charge is made.

Board in private families may be obtained at from two to three dollars per week, and it is hoped and expected that by means of special efforts which they design to make, it may be had at a still lower rate.

LIBRARY AND APPARATUS.

The aggregate value of the books and apparatus at present is about \$2,600. The number of volumes is about 500, so carefully and judiciously selected as to be equivalent to 1,500 or [24] 1,800 selected as books usually are. It is the settled policy of the Board to make liberal appropriations annually for the increase of the Library.

The Departments of Natural Philosophy and Mathematics have already received each a liberal supply of first-class instruments, to which additions from time to time will be made as occasion may demand. The Preparatory and Normal Departments also have been efficiently supplied. An appropriation of several hundred dollars will be applied during the ensuing year for putting the Chemical Department in working order.

RELIGIOUS WORSHIP.

The business of each day during term is opened with chapel exercises, which consist simply in reading the Holy Scriptures and prayer. These exercises are attended by all the students. On the Sabbath they are expected to attend public worship at some convenient place designated by their parents or guardians. Great care is taken to shield them from the inroads of temptation and vice, and to train them in the principles and habits of virtue and morality.

LOCATION.

The University is located at Iowa City, which now numbers some ten thousand inhabitants. It is beautifully situated on the Iowa river; readily accessible by railroad from the East; surrounded by forests and rolling prairies; possessing at all times a fine bracing, atmosphere, and a climate which has ever proved mild and healthy.

CALENDAR.

The University year is divided into two terms. The first commences on the THIRD WEDNESDAY OF SEPTEMBER, and continues for twenty weeks, closing on Friday of the twentieth week. Then occurs a vacation of one week. On the WEDNESDAY OF THE WEEK FOLLOWING commences the second term, which, continuing for twenty weeks, will close the University year. The annual examination will begin on the Tuesday next preceding the close of the University year, and continue one week. The Commencement Exercises will be held on Wednesday following the close of the year.

GENERAL REMARKS.

The Trustees have framed the State University of Iowa for a HIGHER INSTITUTION OF LEARNING, and when the sciences and their applications come to be fairly required, they intend to be fully prepared to meet that requirement.

But while framed to furnish the loftiest style of culture, it can also adapt itself to the lowest. By its rejection of college classes, and its adoption of independent departments, it is enabled to furnish to the student just what instruction he requires, without, at the same time, compelling him to receive much that he does not want. Ordinary colleges, by rendering classical attainments necessary to the entrance of the student, exclude many who design to fit themselves for the common pursuits of life from their halls of learning. To this large class those Departments of the University, which require no previous classical attainment, offer a ready admission, and afford facilities for instruction. The Trustees, therefore, deem themselves fortunate in having adopted an organization which, while it offers to college graduates a scientific course of instruction which they cannot there obtain, can at the same time furnish to those excluded from college halls, the means of perfecting themselves in farming, mechanical, commercial, and other ordinary pursuits of life.



MEMORIAL
OF THE
FACULTY OF THE STATE UNIVERSITY
TO THE
GENERAL ASSEMBLY OF THE STATE OF IOWA.

TO THE HONORABLE, THE SENATE AND HOUSE OF REPRESENTATIVES OF IOWA :

THE undersigned, members of the Faculty of the State University of Iowa, believing and feeling in common with your Honorable Body and the citizens whom you represent, that your State University ought to be furnished with buildings for the accommodation of students at moderate rates, and supplied with the necessary apparatus, libraries and cabinets for imparting instruction in science and erudition, solid and profound, yet finished and practical ; knowing that the want of such accommodation has prevented numbers from attending, and compelled indigent young men, of worth and character, to go back home, under aggravating circumstances, after having traveled a long distance expressly to attend the University. Knowing, too, that superior instruction and deep study in any branch of learning, require both teacher and student to have access to an ample library for reference, research and investigation, and to an ample apparatus and cabinet for experiment, illustration and practice ; therefore, to supply these deficiencies, to place the benefits of the generous gift of Congress within the reach of every citizen, to accomplish the great object for which the State University was founded, to open its halls and extend its advantages to the sons of the farmers, the mechanics, and the laboring men of Iowa, those proprietors of the University and sovereigns of the State, as well as to the sons of the wealthy, we, the undersigned, do earnestly memorialize you, their Representatives in the General Assembly, for an appropriation to the University of \$30,000, to aid in accomplishing these objects—objects which, if accomplished will have a momentous influence upon the future wealth, rank and power of the State.

Condition of the University Building.—It is hardly necessary for us to state that the University building, formerly the Capitol, needs thorough and extensive repairs, since many of your Honorable Body are intimately acquainted with its time-worn and weather-beaten condition. In addition to repairs, its rooms must

be changed, adapted to the wants and fitted up for the uses of the University. In brief, it needs a complete overhauling from base to dome. It is estimated that several thousand dollars, probably from six to eight thousand, will be required for this work.

The edifice and its grounds, as we are informed, having been virtually the gift of the United States, having been occupied by the General Assembly and courts till it could scarcely be used longer for those purposes, without extensive repairs, we trust and hope that the General Assembly, having taken its departure, instead of leaving the building in an almost dilapidated condition to the University, will make liberal provision for repairing and adapting it to the uses of that State institution of learning.

Necessity for an Additional Building.—The present edifice, even when repaired, will not furnish the requisite number of rooms for recitation, for public exercises, for literary societies, for library, laboratory, geological, mineralogical, palæontological, and other cabinets; hence arises a necessity for another building in which it will be desirable, *for the purpose of lessening the heavy expense to which students have been and are now subject, to make ample provisions for a good boarding hall, with study rooms and dormitories.*

A suitable building will probably cost from \$20,000 to \$25,000.

Such a building, well managed, would remove one of the greatest obstacles against which the University has hitherto struggled with fair success—*that is, the heavy expense of living.* So long as this shall continue, so long will it shut the doors of the University against many young men of sterling merit, who are dependent upon their own resources for an education, and so long will it paralyze the efforts of the friends of the University to extend its advantages to all parts of the State. Our farmers and mechanics are ready and willing to pay liberally for the thorough education of their sons, but they are not willing to pay from \$3.50 to \$6.00 per week for board and incidentals; rather than pay such prices they will keep them at home, to grow up ignorant citizens, uneducated young men.

Your memorialists do most sincerely, urgently and respectfully petition the General Assembly to furnish the funds for removing this insurmountable obstacle to their attendance by a liberal appropriation for the erection of the much-needed building.

We acknowledge the generous grant of the former capitol to the University. Inasmuch as this was mostly given to Iowa by Congress, it was not a source of much expense to the State; and, hence, it is obvious that the State has never incurred any material expenditure for the University. Congress virtually gave Iowa her University fund to educate her youth in the highest branches of learning. Has not the time arrived when the State can afford to

do something for the same noble purpose? Will she not contribute a small sum towards the sound education of her own sons, after Congress has given so much to that laudable object? We trust that same liberal spirit and comprehensive wisdom, that distinguished the action of Congress, will also induce the General Assembly to appropriate funds for the instruction of the youth of Iowa in "the highest branches of learning."

It has been said that the University is only a city school. Owing to the difficulties with which it has had to contend, its sphere of usefulness has, indeed, been contracted, and we now memorialize the Legislature to recognize it as the State University in fact as well as in name, and aid us to enlarge the circle of its usefulness and extend its advantages to the citizens of every town in Iowa, by furnishing it with the necessary buildings for the accommodation of students from distant parts of our State, and by supplying it with the requisite resources for instruction, such as apparatus, libraries and cabinets.

Popular Error in regard to the Wealth of the University.—Many candidly think that the University is wealthy, that its fund is amply sufficient to supply all its necessities. Assuredly such an opinion will not be entertained by those who are conversant with the large expenditures of furnishing and supporting a University. The expenditures of furnishing the Harvard University are about \$60,000 annually, from which a random inference may be drawn of the amount of its funds. The wealth of Union College, New York, amounts to about \$1,000,000, while that of Columbia College, of New York City, has been estimated at \$2,000,000, and yet even these institutions are not wealthy when compared with the Universities of Europe. Hence the popular opinion in regard to the wealth of the State University of Iowa is greatly in error in supposing that the fund is sufficient to meet all the demands of the University. Were such an opinion made the basis of legislative action, it would never raise the University above the standard attained by ordinary Western colleges.

A wise law appropriates only the proceeds of the fund to the current expenses of the University, and preserves the fund itself inviolate. To say nothing of the cost of building, even if the whole fund were expended at once, which would be exceedingly injudicious, it would not be sufficient to purchase either such a library, or such an apparatus, or such cabinets as may be found in any one of the leading Universities of Europe.

Permit us, first, to illustrate the last statement; second, to show the deficiency of our own State University; and third, to give the outlines of what we think the University ought to be to meet the demands of

science and supply the wants of the State, by a reference to the statistics of the libraries, apparatus and cabinets of the principal Colleges and Universities in the United States and Europe.

LIBRARIES IN THE UNITED STATES.

	VOLS.
In 1854-55 Harvard University, contained.....	98,000
In 1854-55 Dartmouth College, ".....	30,970
In 1857-58 Yale College, ".....	65,000
In 1854-55 South Carolina College, State Inst'n, contained... ..	40,000
" Michigan University, " " "	6,000
" Indiana " " "	5,000
" Ohio " " "	4,500
" Miami " " "	12,000
In 1858 Iowa State " " " "	479

By supposing each volume to have cost from \$1.50 to \$2 00, an approximate value of any library may be obtained.

EUROPEAN LIBRARIES.

	VOLS.
Upsal University, contains.....	100,000
Dublin, Trinity College, contains.....	100,000
Touvain University, ".....	106,000
Turin " ".....	105,000
Copenhagen " ".....	110,000
Leipsic " ".....	112,000
Jena " ".....	112,000
Vienna " ".....	115,000
Prague " ".....	130,000
Bologna " ".....	150,000
Cambridge Public, ".....	166,000
Heidleberg University, ".....	200,000
Munich " ".....	200,000
Tubingen " ".....	200,000
Oxford, Bodlian, ".....	220,000
Breslau University, ".....	250,000
Gottingen " ".....	420,000
Berlin Royal, ".....	410,000
Copenhagen Royal, ".....	410,000
St. Petersburg Imperial, ".....	441,000
London British Museum, ".....	460,000
Munich, Royal Library, ".....	600,000
Paris, Bibliotheke Imperiale contains.....	1,000,000

In addition to books, many of these libraries contain a vast number of manuscripts, maps, charts, with paintings, statuary, and innumerable relics of antiquity.

A comparison of the State University libraries of the several

United States above mentioned with those of Europe, exhibits the astonishing deficiency of our State institutions generally, and of Iowa in particular.

The above figures substantiate the statement that our whole fund would be insufficient to purchase a University Library. A library numbering from 100,000 to 120,000 volumes will require an expenditure of not less than \$200,000. We hope that before many years the State University of Iowa will be placed in possession of such a library, by the wisdom of her legislators.

Deficiency in Apparatus.—The last half century has given birth to a class of sciences, each of which makes large drafts upon the pecuniary resources of the University for apparatus. Indeed, we are indebted in a great degree for our knowledge of many of these useful sciences to the superior apparatus employed in their discovery; hence arises the absolute necessity of an ample and perfect apparatus. Its importance cannot be well over-estimated; its absence cripples both the labors of the instructor and the student, and obstructs the progress of scientific discovery. While it is needed throughout the whole circle of the natural, mechanical and useful sciences, we shall illustrate its cost by reference only to particular institutions and sciences.

The Scientific Department of Harvard University has an endowment of \$100,000.

The Astronomical Department of the same institution, after the purchase of a telescope costing \$19,842, and the erection of an observatory, was also endowed with a fund of \$100,000.

The cost of the telescope in the Dudley Observatory at

Albany, N. Y., will be	\$14,500
The cost of the Meridian Circle in ditto	5,000
“ “ Transit Instrument in ditto	1,500
“ “ Astronomical Clock in ditto	1,000
“ “ Telescope in Michigan University	6,000
“ “ Meridian Circle in Michigan University	3,000
“ “ Telescope in Cincinnati Observatory	9,437
“ “ “ Hamilton College, N. Y.,	10,000

The apparatus in the Agricultural and Scientific Schools of France, Germany and Russia, cost enormous sums of money, which were liberally granted by those governments. The apparatus in the State University of Iowa cost less than \$1,200.

To meet the demands of science and supply the rapidly growing wants of the State, would require, in the course of a few years, \$20,000 for the purchase of apparatus.

Even such an amount is not large in comparison with the sums thus expended in Europe, and which the autocrat of Russia, as

well as the legislators of France and Germany, consider among the most desirable, profitable and useful investments that can be made for the benefit of the people.

Cabinets.—Another source of expense arises in the collection of the various and valuable cabinets of natural history, including agricultural, geological, mineralogical, botanical, palæontological and zoological cabinets, with collections in science and art, and cabinets of historical relics, and the antiquities of our own and other countries. Our deficiency might be shown by a reference to the collections of Williams, Amherst and Yale Colleges, to Harvard University, and especially to the magnificent cabinets of the British Museum in London, and the Museum of Natural History in Paris, and our own poverty would appear even more striking than it was in the comparison of libraries and apparatus.

While we do not expect our University, at this early period of its history, to compare favorably with those Universities which are the growth of centuries, yet we indicate by the above figures what it ought to become at no very distant day.

Its growth should be like the growth of the great West, rapid, yet healthy and solid.

The State University of Iowa ought to embody all the elements and facilities for learning and investigation through the whole range of science, art and literature, so that our young men may here gain instruction, both theoretical and practical, in the most abstruse study, and our educated men may find all the requisites for research, investigation and discovery.

The State University should not be the rival of Colleges, but should aid and prepare professors for colleges, as normal schools prepare teachers for common schools. While we need several colleges, and appreciate their usefulness, we need but one University. The State alone is able to support such a University and furnish it with means of instruction beyond the resources of colleges. Such an institution would save the necessity of sending our young men to sister States, and across the Atlantic to acquire that knowledge which the poverty of our own State institution denies them at home. In addition to thirty thousand dollars for buildings, your memorialists petition the General Assembly for an appropriation of \$5,000 annually for the next ten years, to be expended under the direction of the Board of Trustees in the purchase of books, apparatus and cabinets. In making an appropriation for this object, you will lay the foundation for making our State University the pride of the citizens of Iowa and an honor to the State. The rank, wealth, power, civil and religious liberty of a State are all dependent upon its intellect. In legislating for your State University, you aid in the development of profound intellect, you increase and strengthen all those elements of sovereignty.

Allow us to invite the attention of our legislators to the following important facts: firstly, to the large capital invested in the commerce of our country, and yet no provision is made by our leading colleges and universities for giving young men a sound commercial education; secondly, to the heavy and increasing capital invested in railways, which are already seeking various routes across the continent, and yet the West has no school for educating civil engineers and preparing them to give a judicious direction to all this monied capital; thirdly, to the wealth of our country in mines, and to its poverty in mining schools; lastly, and more important than all the others, to the vast wealth in the fertile soil of our State, and yet no provision has been made for the education of our young farmers in the various branches of forestry and agriculture.

We are of the opinion that these large monied interests would cheerfully and gladly support the highest kind of instruction in the State University, if the Legislature would give them the opportunity. Were appropriations granted for such objects, these interests would furnish their respective shares according to the value of their respective capitals.

Having exhibited the deficiencies, stated the necessities and indicated what the State University of Iowa ought to be, it devolves upon the General Assembly to decide what it shall be.

With confidence that enlarged views and comprehensive statesmanship, uninfluenced by private interest or local prejudice, will inaugurate a new era in the history of science in Iowa, and thus promote the highest interests of the citizens and welfare of the State, your memorialists do earnestly pray the General Assembly of Iowa to grant, at this critical period the desired and needed appropriations in behalf of your own State University.

J. M. STONE, *Professor of Natural Philosophy.*

H. S. WELTON, *Professor of Ancient Languages.*

FREDERICK HUMPHREY, *Prof. of Mathematics.*

E. BONDALIE, *Professor of Modern Languages.*

D. FRANKLIN WELLS, *Prof. of Normal Department.*

E. M. GUFFIN, *Prof. of the Preparatory Department.*

[As this was read at a meeting of the Board of Trustees at their meeting, January, 1858, it was no doubt prepared in December, 1857.

It was "presented to the House of Representatives by Mr. Clark, of Johnson, February 10th, 1858, and referred to the Committee on Schools and State University."

The General Assembly in accordance with the prayer of the Memorialists, appropriated \$3,000 for "repairing and modifying the building," and the further sum of \$10,000 for "the erection of a suitable building for boarding hall, etc." Approved March 11th, 1858. —T. S. PARVIS.]

SECOND CATALOGUE
OF THE
STATE UNIVERSITY OF IOWA,
FOR THE YEAR 1857 - 58.

[Imprint.— FROM THE RECORDS OF THE UNIVERSITY, JANUARY, 1877.]

BOARD OF TRUSTEES.

<p>AMOS DEAN, LL. D., <i>Chancellor of University,</i> JAMES W. GRIMES, <i>Governor of Iowa,</i> MATURIN L. FISHER, <i>Superintendent of Public Instruction,</i></p>	}	<i>Ex-officio Members.</i>
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<p>W. F. BRANNAN, Muscatine County, WM. BURRIS, Scott County, LAUREN DEWEY, Henry County, J. B. GRINNELL, Poweshiek County,</p>	}	<i>For two years.</i>
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<p>W. H. BARRIS, Johnson County, LINCOLN CLARK, Dubuque County, WM. P. DAVIS, Polk County, HUGH D. DOWNEY, Johnson County,</p>	}	<i>For four years.</i>
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<p>G. W. DRAKE, Mahaska County, E. C. LYON, Johnson County, MORGAN RENO, Johnson County, EDGAR WRIGHT, Cedar County,</p>	}	<i>For six years.</i>
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OFFICERS OF THE BOARD.

AMOS DEAN, LL. D., *ex-officio President.*
ANSON HART, *Secretary.*
H. W. LATHROP, *Treasurer.*

FACULTY.

AMOS DEAN, LL. D., CHANCELLOR,
PROFESSOR OF HISTORY.

HENRY S. WELTON, A. M.,
PROFESSOR OF ANCIENT LANGUAGES.

JAMES HALL, A. M.,
PROFESSOR OF NATURAL HISTORY.

JOSIAH D. WHITNEY, A. M.,
PROFESSOR OF CHEMISTRY.

REV. J. M. STONE, A. M.,
PROFESSOR OF NATURAL PHILOSOPHY.

FREDERICK HUMPHREY, A. M.,
PROFESSOR OF MATHEMATICS AND LIBRARIAN

EDWARD BONDALIE,
TEACHER OF MODERN LANGUAGES.

D. FRANKLIN WELLS, A. B.,
PRINCIPAL OF NORMAL DEPARTMENT.

E. M. GUFFIN, A. M.,
PRINCIPAL OF PREPARATORY DEPARTMENT.

STUDENTS.

NAMES.	GENTLEMEN.	RESIDENCE.
Abbott, ———	—————
Andrews, James D.	<i>Iowa City.</i>
Aylworth, L. Parker.	<i>Iowa City.</i>
Borland, John W.	<i>Pleasant Valley.</i>
Borland, Wm. D.	<i>Pleasant Valley.</i>
Borland, Charles E.	<i>Iowa City.</i>
Brown, H.	<i>Iowa City.</i>
Banks, H. N.	<i>Iowa City.</i>
Clark, H. S.	<i>Iowa City.</i>
Clarke, Fred M.	<i>Iowa City.</i>
Coast, Wm. P.	<i>Iowa City.</i>
Connelly, D. F.	<i>Iowa City.</i>
Davis, David J.	<i>Iowa City.</i>
Dennison, G. A.	<i>Iowa City.</i>
Forest, J. G.	<i>Muscatine.</i>
Forest, G. W.	<i>Muscatine.</i>
Foster, H. B.	<i>Iowa City.</i>
Gibbs, Leroy R.	<i>Wisconsin.</i>
Hampton, George S.	<i>Iowa City.</i>
Hatch, George W.	—————
Hawkins, James O.	<i>Iowa City.</i>
Hazard, Wm. S.	<i>Solon.</i>
Higbee, Joseph.	<i>Iowa City.</i>
Hutchinson, Zela W.	<i>Iowa City.</i>
Ijams, Joseph H. H.	<i>Iowa City.</i>
Jenkins, Lewis.	<i>Iowa City.</i>
Kauffman, Christian.	<i>Iowa City.</i>
Kauffman, John W.	<i>Iowa City.</i>
Lake, C. S.	<i>Iowa City.</i>
Lee, O. B.	<i>Iowa City.</i>
Lyon, Casson.	<i>Iowa City.</i>
Maynard, H. H.	<i>North Liberty.</i>
McCullough, M. E.	<i>Iowa City.</i>
McCullough, George.	<i>Iowa City.</i>
Morsman, Westel W.	<i>Iowa City.</i>
Mordoff, Frank.	<i>Iowa City.</i>
Murray, W. B.	<i>Iowa City.</i>
Pierce, ———	—————
Pinney, Charles F.	<i>Iowa City.</i>

NAMES.	RESIDENCE.
Porter, John W.....	<i>Iowa City.</i>
Remley, Lycurgus.....	<i>Iowa City.</i>
Remley, Howard M.....	<i>Iowa City.</i>
Remley, George A.....	<i>Iowa City.</i>
Reno, Frank.....	_____
Reno, J.....	_____
Sale, Timothy H.....	<i>Iowa City.</i>
Samson, T. S.....	<i>Iowa City.</i>
Samson, A. T.....	<i>Iowa City.</i>
Sanxay, J. P.....	<i>Iowa City.</i>
Sells, D. M.....	<i>Muscatine.</i>
Shearer, Melville M.....	<i>Iowa City.</i>
Smith, D. Edson.....	<i>Iowa City.</i>
Smith, George W.....	<i>Iowa City.</i>
Smith, J. A.....	<i>Iowa City.</i>
Smith, E. L.....	<i>Camanche.</i>
Stone, A. C.....	<i>Iowa City.</i>
Teesdale, Robert.....	<i>Fort Des Moines.</i>
Weber, Fred.....	<i>Iowa City.</i>
White, J. H.....	<i>Iowa City.</i>
	TOTAL—59.

LADIES.

NAMES.	RESIDENCE.
Aylworth, Cellina.....	<i>Iowa City.</i>
Bent, Mariette S.....	<i>Iowa City.</i>
Bent, Frances A.....	<i>Iowa City.</i>
Berger, Sarah.....	<i>Iowa City.</i>
Berger, Rachel.....	<i>Iowa City.</i>
Borland, Ada H.....	<i>Pleasant Valley.</i>
Borland, Martha J.....	<i>Iowa City.</i>
Bowen, M. E.....	<i>Iowa City.</i>
Bowen, Jesse M.....	<i>Iowa City.</i>
Bradshaw, Mary E.....	<i>Iowa City.</i>
Brainerd, S. Louisa.....	<i>Iowa City.</i>
Buttles, Mary A.....	<i>Iowa City.</i>
Buttles, Julia.....	<i>Iowa City.</i>
Connelly, Mary A.....	<i>Iowa City.</i>
Connelly, A.....	<i>Iowa City.</i>
Doty, Sarah A.....	<i>Iowa City.</i>
Deuel, Helen J.....	<i>Iowa City.</i>
Fisher, Virginia.....	<i>Iowa City.</i>
Green, Mary A.....	<i>Iowa City.</i>
Guffin, Mary R.....	<i>South Liberty.</i>
Handy, Delia.....	<i>Iowa City.</i>

NAMES.	RESIDENCE.
Hart, Isabella.....	<i>Iowa City.</i>
Hart, A. M.....	<i>Iowa City.</i>
Hart, M. E.....	<i>Iowa City.</i>
Humphrey, Elizabeth S.....	<i>Iowa City.</i>
Hutchinson, Julia.....	<i>Iowa City.</i>
Jenkins, Sarah J.....	<i>Iowa City.</i>
Jones, Harvena.....	<i>Cedar Rapids.</i>
Mahan, Lucie D.....	<i>Iowa City.</i>
Moore, Ellen H.....	<i>Iowa City.</i>
Moore, Eliza J.....	<i>Iowa City.</i>
Morsman, Louise.....	<i>Iowa City.</i>
Orr, Eugenie R.....	<i>Iowa City.</i>
Pinney, Annis A.....	<i>Iowa City.</i>
Porter, M. E.....	<i>Iowa City.</i>
Ransom, Mary N.....	<i>Iowa City.</i>
Samson, S. A.....	<i>Iowa City.</i>
Sanders, Ida.....	<i>Iowa City.</i>
Schell, Mary.....	<i>Iowa City.</i>
Schell, M. C.....	<i>Iowa City.</i>
Shipley, Julia E.....	<i>Iowa City.</i>
Shockey, A. Oakella.....	<i>Iowa City.</i>
Stone, Amanda C.....	<i>Iowa City.</i>
Thompson, Sylvia M.....	<i>Iowa City.</i>
Trotter, Isadora.....	<i>Iowa City.</i>
Ward, Martha A.....	<i>Iowa City.</i>
Woods, Jennie.....	<i>Iowa City.</i>
White, F. A.....	<i>Iowa City.</i>
	TOTAL—48.

SUMMARY.

Gentlemen.....	59
Ladies.....	48
	<hr/>
Total.....	107

GRADUATES.

NORMAL DEPARTMENT.

Levi Parker Aylworth,	Cellina H. Aylworth,
Elizabeth S. Humphrey,	Sylvia M. Thompson.

COLLEGIATE DEPARTMENT.

Bachelor of Science—Dexter Edson Smith.

REPORT OF THE FACULTY
TO THE
BOARD OF TRUSTEES.

[Imprint—FROM THE MANUSCRIPT, IOWA CITY, JULY 6TH, 1858.]

TO THE BOARD OF TRUSTEES OF THE STATE UNIVERSITY
OF IOWA :

GENTLEMEN :—We respectfully submit for your consideration the following as the Faculty Report for the year ending with the present term :

It gives us great pleasure in the retrospect that in all cases of importance, involving the exercise of discipline, the distribution of labor and responsibility, and general management, we have been able to co-operate very harmoniously. We have anxiously sought, and we hope not without success, to understand clearly the nature and position of the Institution, the numerous and important ends which its enlightened founders designed to secure by its agency, and then to apply ourselves with zeal and energy to the fulfillment of our high responsibilities. Of the measure of success attendant upon our efforts, we leave others to judge. Allow us to say, also, that we regard it as no small honor to have been the first laborers—the first working faculty organized in an institution which we believe is destined, at no distant day, to take a high and noble stand among similar institutions in our land, and to shed a genial influence, not only over this great commonwealth, but also in some measure over all our national domain. We include, under the following specifications, the condition of the institution in its intercourse and practical working during the year now closing.

1. The number of pupils in actual attendance upon the University during the whole of the present year, or some considerable part thereof, is one hundred and twenty-five (125).

2. As a general fact each student has attended his regular recitations daily in as many different branches. Quite a large number have prosecuted four different studies daily.

3. The distribution of the work in the different Departments has been as follows : *Seventy-six* have received instruction, either wholly or in part, in the Preparatory Department, of which number *twenty-five* were anxious to pursue a full University course, and were taking the necessary steps in such a direction.

The whole number specially connected with the Normal Department, or, at least, in partial attendance there during the year, has been *fifty-six*, the average of whose ages was as follows, viz: of the males, 19.38 years; of the females, 17.35 years. It ought to be noticed as a fact of great interest that at the close of the present term the first class of graduates from this Department, consisting of five members, was presented to the public, these, having finished the course of study prescribed and received their diplomas, will go out among the people to engage in their chosen avocation.

In the Department of Ancient Languages the whole number in attendance has been *forty*, of the average age of 17 years; *twenty-six* of these were looking forward to a full University course, and a considerable proportion of them had already entered upon such a course.

In the Department of Modern Languages, the whole number in attendance has been *twenty*, of the average age of 17 years, *six* of whom were designing to prosecute a full University course.

In the Department of Mathematics the whole number in attendance during the year has been *forty-one*, of the average age of 18½ years, *twenty* of whom were expecting to prosecute a full University course. A class of five members, having finished the course of study prescribed in this Department, received certificates to that effect from the Professor in charge, and recommending them to the Board for their appropriate degree, when they shall have accomplished the necessary amount of study in other Departments.

In the Department of Natural Philosophy, the whole number in attendance has been *fifty-three*, of the average age of 18 years; of this number *fifteen* were either actually pursuing or looking forward to a full University course. A class of *three* members, having finished the course of study prescribed in this Department, received certificates to that effect from the Professor in charge, with recommendation to the Board for their appropriate degree, when the due amount of study shall have been accomplished in other Departments.

Such, in brief outline, has been the actual working of the several Departments of the University, open for the reception of students during the past year. For further particulars under each head, the Board is referred to the special reports of the several Professors. A Matriculation Book and a Book of Faculty Records have been in use during the last two years.

A full and complete record of the transactions of the Faculty has been kept, which will be submitted to your inspection by the Secretary of the Faculty, Prof. Welton.

It may be of interest to add in this connection that with the advice and consent of the Executive Committee of the former Board, a class was organized during the last term in chemistry. The class consisted of sixteen members, and attended a course of about *forty* lectures, including the Elements of Inorganic Chemistry. This was the first effort of the kind since the organization of the University, but from this time onward there will probably be a constant demand for this kind of instruction, for which the means need to be provided.

The entire body of the students has been divided into several sections, and a portion assigned to each Professor for special training in composition and rhetorical exercises. These several divisions have met as often as once a week for such purposes, but at an hour separate from the time devoted to the regular or class studies. These efforts, so far as the Faculty can judge, have been crowned with marked and abundant success.

In the matter of government and discipline, it is very pleasant to be able to report that in very few instances during the last year has it been necessary to resort to extreme measures. Private, or, at most, public admonition has in almost every instance secured all the essential ends of discipline. If in any one thing more than another we have had occasion to be satisfied in a measure with the results of our labors, it has been in the rapid progress of the students generally, in steadiness, diligence and good order. It ought to be stated in this connection as a matter of interest bearing on the future prosperity of the University, that during the last year some eight or ten families, from different parts of the State, have removed to this place for the express, perhaps the sole, purpose of enjoying the privileges of the University. This statement, moreover, may be taken as evidence that although the students thus far in connection with the University appear to have been chiefly from Iowa City and vicinity, yet in reality quite a number have hailed from a distance. In addition to this, and as another encouraging fact in relation to the prospective growth of the University, the chairman of the Faculty, during the last year, has received some seventy-five or eighty letters, not only from different parts of this State, but from Illinois, Indiana, Wisconsin, Michigan, Ohio and New York, inquiring after the conditions of the institution with intimations of a desire on the part of the writers to secure for themselves or their friends the advantages of education here.

There are other points of greater or less interest upon which we might dwell, but we will close this communication by expressing the earnest and hearty desire that your labors in behalf of the University may be crowned with speedy and great success. There

are several suggestions which we would be glad to make in relation to the Library, Apparatus, and the working of the University, but inasmuch as our connection with you and the institution closes with this communication,* we deem it neither expedient nor proper to enter into any further details.

All of which is respectfully submitted.

By order of the Faculty. J. M. STONE, *Chairman.*
Iowa City, July 6th, 1858.

REPORT OF THE LIBRARIAN.

[*Imprint*—FROM THE MANUSCRIPT—JUNE, 1858.]

TO THE BOARD OF TRUSTEES :

GENTLEMEN :—I have the honor to transmit herewith a report of the condition of the University Library :

Number of volumes belonging to the Library..... 500

They are classified, labeled, numbered and registered.

CLASSES.

	NO. OF VOLS.
I. Theology.....	14
II. Jurisprudence, Government and Politics.....	48
III. Science and Arts.....	145
IV. Belles Lettres.....	102
V. History.....	191
Whole No. of volumes.....	500
Estimated value of Library at this time.....	\$851.18

All of which is respectfully submitted.

FREDERICK HUMPHREY,

Professor of Mathematics and Librarian.

Iowa City, June 29th, 1858.

* The Board had at their meeting, April 27th, VOTED—"to discharge the Faculty, (except the Chancellor), and suspend all instruction, after the close of the term, till September, 1860."—See BENTON'S Historical Address, page 49.

THIRD CATALOGUE
OF THE
STATE UNIVERSITY OF IOWA.
NORMAL DEPARTMENT.

FOR THE YEAR 1858-59.

[*Imprint.*— FROM THE RECORDS OF THE UNIVERSITY, JANUARY, 1877.]

BOARD OF TRUSTEES.

T. S. PARVIN, Muscatine County,
JOSEPH M. GRIFFITHS, Polk County,
L. F. PARKER, Poweshiek County, } *One year.*

T. H. BENTON, JR., Pottawattamie County,
HUGH D. DOWNEY, Johnson County,
MATURIN L. FISHER, Clayton County,
CHARLES POMEROY, Boone County, } *Three years.*

OFFICERS OF THE BOARD.

THOMAS H. BENTON, JR., *President.*

ANSON HART, *Secretary.*

HENRY W. LATHROP, *Treasurer.*

ACADEMICAL DEPARTMENT.

[SUSPENDED TILL SEPTEMBER, 1860.]

NORMAL DEPARTMENT.

FACULTY.

D. FRANKLIN WELLS, *Principal.*
LAVINIA DAVIS, *Assistant.*

STUDENTS.

GENTLEMEN.

NAMES.	RESIDENCE.
Barnes, Alonzo.....	<i>Iowa City.</i>
Bowen, Charles.....	<i>Iowa City.</i>
Borland, Wm. D.....	<i>Pleasant Valley.</i>
Borland, Charles E.....	<i>Iowa City.</i>
Button, ———.....	—————
Carr, ———.....	—————
Cavanagh, James.....	<i>Iowa City.</i>
Clark, Horace S.....	<i>Iowa City.</i>
Cutter, Jonathan P.....	<i>Iowa City.</i>
Davis, David J.....	<i>Iowa City.</i>
Dennison, G. A.....	<i>Iowa City.</i>
Fracker, Edward.....	<i>Iowa City.</i>
Haddock, Wm. J.....	<i>Marion.</i>
Hale, ———.....	—————
Hoffman, Wm.....	<i>Muscatine.</i>
Jenkins, Albert.....	<i>Iowa City.</i>
Jepson, Isaiah.....	<i>Solon.</i>
Lewis, Miles M.....	<i>Panora.</i>
Maynard, H. H.....	<i>North Liberty.</i>
Morrison, Robert.....	<i>Iowa City.</i>
Orr, Anderson.....	<i>Iowa City.</i>
Parrott, Frank A.....	<i>Iowa City.</i>
Pinney, Charles F.....	<i>Iowa City.</i>
Rice, Nathan.....	<i>Vinton.</i>
Samson, A. T.....	<i>Iowa City.</i>
Smith, E. S.....	<i>Camanche.</i>
Talbott, E. H.....	<i>Iowa City.</i>
Whiley, ———.....	—————

TOTAL—28.

NAMES.	LADIES.	RESIDENCE.
Bent, Mariette S.	<i>Iowa City.</i>
Berger, Rachel.	<i>Iowa City.</i>
Borland, Ada H.	<i>Pleasant Valley.</i>
Borland, Martha J.	<i>Iowa City.</i>
Bowen, M. C.	<i>Iowa City.</i>
Bowen, Kate.	<i>Iowa City.</i>
Bowman, Martha J.	<i>North Bend.</i>
Brainerd, S. Louisa.	<i>Iowa City.</i>
Brown, Anna.	<i>Iowa City.</i>
Button, Emma J.	<i>Iowa City.</i>
Chadwick, Sarah.	<i>Pleasant Valley.</i>
Connelly, Mary A.	<i>Iowa City.</i>
Cutler, Mary	<i>Iowa City.</i>
Fracker, Nellie.	<i>Iowa City.</i>
Fracker, Fannie	<i>Iowa City.</i>
Francis, Mary.	<i>Iowa City.</i>
Hanby, Virginia	<i>Iowa City.</i>
Hart, M. A.	<i>Iowa City.</i>
Hart, Mary E.	<i>Iowa City.</i>
Kennedy, Mary	<i>Marshalltown.</i>
Kimball, Adaline	<i>Iowa City.</i>
Maynard, Elizabeth.	<i>North Liberty.</i>
Mendenhall, Lucinda.	<i>Iowa City.</i>
Moore, Eliza J.	<i>Iowa City.</i>
Orr, Eugenia R.	<i>Iowa City.</i>
Ricord, ———	—————
Samson, S. A.	<i>Iowa City.</i>
Sanders, Ida.	<i>Iowa City.</i>
Seahorn, Amanda J.	<i>Iowa City.</i>
Shearer, M.	<i>Iowa City.</i>
Shockey, E. Okella	<i>Iowa City.</i>
Smith, Adda.	<i>Iowa City.</i>
Stevens, Mary O.	<i>Iowa City.</i>
Swetland, Fidelia.	<i>Tipton.</i>
Ward, Martha A.	<i>Iowa City.</i>
Whiteside, Viola.	<i>Scott.</i>

TOTAL—36.

Gentlemen	.....	28
Ladies	.....	36
		—
Total	.....	64

SECOND CIRCULAR
OF THE
NORMAL DEPARTMENT
OF THE
STATE UNIVERSITY OF IOWA.

[Imprint.—REPUBLICAN PRINT, IOWA CITY, 1858.]

IOWA CITY, September 15, 1858.

The Trustees of the State University of Iowa would respectfully announce to the friends of education and the public generally, that arrangements have been made to re-open the NORMAL DEPARTMENT on Monday, November 1st, 1858, under the charge of Professor D. FRANKLIN WELLS, who has been re-appointed to the situation which he has filled for the last two years.

The Department will be open for the present year upon the following basis :

1. Both males and females will be admitted.
2. The instruction will be *gratuitous*, but each student will pay two dollars at the beginning of each term as an entrance fee.
3. Applicants must be, if females, at least fifteen, and if males, at least seventeen years of age; but the Professor of the Department may, at his discretion, admit at a less age, when sufficient maturity of mind and proficiency in study are manifested.
4. Candidates for admission will be required to sustain an examination in Reading, Spelling, Penmanship, Elementary Grammar, Geography and Arithmetic, through Compound Numbers and Vulgar Fractions.
- [2] 5. All pupils, on their admission to the Normal Department, will be expected to sign a declaration of their intention to teach in the schools of the State, as follows :

“ We, the subscribers, do hereby declare that it is our intention to devote ourselves to the business of teaching in the schools of this State, and that our object in resorting to the Normal Department of the University is better to prepare ourselves for the discharge of this important duty.”

By complying with the above conditions, teachers from any part of the State may, without appointment, freely avail themselves of

the opportunity offered to prepare themselves for the more efficient discharge of their important duties.

The following is the course of study, arranged without reference to the order in which the several branches will be taken up, or the length of time that will be devoted to each :

Elementary Sounds of the Language.

Reading, Spelling, Definition and Analysis of Words.

Penmanship, Drawing and Book-keeping.

Geography, Physical and Descriptive.

Mathematical Geography, the use of Globes and Map Drawing.

History of the United States.—*Wilson's*.

English Grammar, including the Analysis and Synthesis of Sentences.—*Pinneo's and* ———.

Composition Writing.

Rhetoric and Criticism.—*Quackenbos*.

Mental Arithmetic.—*Stoddard's*.

Written Arithmetic.—*Davies'*.

Higher Arithmetic.—*Davies' University*.

Algebra.—*Davies'*.

Geometry.—*Davies' Legendre*.

Anatomy, Physiology and Hygiene.—*Cutter's*.

Natural Philosophy.—*Parker's*.

Moral Philosophy.—*Wayland's*.

Mental Philosophy.

Theory and Art of Teaching.—*Page's and Lectures*.

Practice in Teaching.

Lectures on the Science of Education and the Art of Teaching [3] will be given frequently, and it will be the aim to make them practical. The best methods of disciplining, organizing and instructing schools will be familiarly discussed.

The studies are so arranged that the course can ordinarily be completed in two or two-and-a-half years.

A DIPLOMA which, by Section Forty-two of the new school Law, will authorize the holder to teach in any of the Common Schools of the State, will be awarded to those who, having completed the prescribed course of study, give satisfactory evidence of sound and accurate scholarship, combined with those other peculiar qualifications so essential to the teacher's success.

The Spring Term will commence WEDNESDAY, February 9th, 1859, and continue twenty weeks.

E. C. LYON,

M. RENO,

H. D. DOWNEY,

Executive Committee.

THIRD CIRCULAR
OF THE
NORMAL DEPARTMENT
OF THE
STATE UNIVERSITY OF IOWA.

(Imprint.—REPUBLICAN PRINT, IOWA CITY, 1859.)

IOWA CITY, February 8th, 1859.

To _____

Superintendent of Schools for _____ County, Iowa :

SIR :—At a recent meeting of the Board of Trustees of the State University of Iowa, the undersigned were appointed a committee to call the attention of County Superintendents to the facilities offered in the Normal Department for the Education of Teachers ; and to request their co-operation in extending the advantages to all portions of the State. The following resolution was adopted by the Board :

“ *Resolved*, That we request each County Superintendent in this State to recommend two persons in his county, of the requisite qualifications, for admission to the Normal Department of the State University, and that the Professor of that Department be instructed to admit such persons in preference to any others ; and that persons so recommended shall be admitted without any entrance fee.”

The Normal Department has been organized for the especial purpose of educating teachers for our Common, Graded and High Schools. The course of study and training includes all the Common and Higher English branches of a liberal education, together with the Theory and Art of Teaching, and Practice in the Model School. The studies are so arranged that the course can ordinarily be completed in two or two-and-a-half years. Teachers can enter the advanced classes by sustaining an examination in the previous studies of the course.

CONDITIONS OF ADMISSION.

1. Both males and females will be admitted.
2. Those having an appointment from a County Superintendent will be admitted *free*; others not having an appointment will pay an initiation fee of two dollars. This is the only charge made.
3. Applicants must be, if females, at least fifteen, and, if males, at least seventeen years of age; but the Professor of the Department may, at his discretion, admit at a less age, when sufficient maturity of mind and proficiency in study are manifested.
4. Candidates for admission will be required to sustain an examination in Reading, Spelling, Penmanship, Elementary Grammar, Geography, and Arithmetic through Compound Numbers and Vulgar Fractions.
5. All pupils, on their admission to the Normal Department, will be expected to sign a declaration of their intention to teach in the schools of the State, as follows:

"We, the subscribers, do hereby declare that it is our intention to engage in the business of teaching in the schools of this State, and that our object in resorting to the Normal Department of the University is better to prepare ourselves for the discharge of this important duty."

By complying with the above conditions, teachers from any part of the State may avail themselves of the opportunity offered to prepare themselves for the more efficient discharge of their important duties.

COURSE OF STUDY.

The following is the course of study, arranged without reference to the order in which the several branches will be taken up, or the length of time that will be devoted to each:

Elementary Sounds of the Language.

Reading, Spelling, Definition and Analysis of Words.

Penmanship, Drawing and Book-keeping.

Geography, Physical and Descriptive.

Mathematical Geography, the use of Globes and Map Drawing.

History of the United States.—*Wilson*.

Composition Writing.

English Grammar, including the Analysis and Synthesis of Sentences.—*Pinneo's and* ———.

Rhetoric and Criticism.—*Quackenbos'*.

Mental Arithmetic.—*Stodaard's*.

Written Arithmetic.—*Davies'*

Higher Arithmetic.—*Davies' University.*

Algebra.—*Davies'*

Geometry.—*Davies' Legendre.*

Anatomy, Physiology and Hygiene.—*Cutter's.*

Natural Philosophy.—*Parker's.*

Moral Philosophy.—*Wayland's.*

Mental Philosophy.—*Wayland's.*

Constitution of the United States, Constitution and School Laws of Iowa.

Theory and Art of Teaching.—*Page's and Lectures.*

Practice in Teaching in the Model School.

Lectures on the science, history and present condition of Education and the Art of Teaching, will be given frequently, and it will be the aim to make them practical. The best methods of disciplining, organizing and instructing schools will be familiarly discussed.

MODEL SCHOOL.

There is connected with the Normal Department a Model School (or school for practice), composed of pupils of the ages usually found in public schools throughout the State. Each member of the Normal Department, before graduating, will be required to spend from two to four weeks in the Model School as a Teacher, where, under the superintendence of the Principal, he will have an opportunity of reducing theory to practice. By thus taking part in the administration of a well-organized school, he will become familiar with the *details of teaching*, and be prepared to labor successfully after leaving the Institution. He will also learn the advantage of *method* and *system* in conducting the affairs of a school.

DIPLOMA.

A Diploma will be awarded to those who, having completed the prescribed course of study, give satisfactory evidence of a sound and accurate scholarship, combined with those other peculiar qualifications so essential to the teacher's success.

CALENDAR.

The Spring Term will commence WEDNESDAY, February 9th, 1859, and continue twenty weeks. The Fall Term will commence WEDNESDAY, September 14th, 1859, and continue twenty weeks.

Board can be obtained in good families from \$2.00 to \$2.50 per week.

The Board of Trustees, in offering to furnish gratuitous instruction to two persons from each county, have made a liberal offer.

We trust you will use every exertion to have your county represented, that it may receive a share of the benefits contemplated.

In making the appointments, care should be taken to select those of irreproachable moral character and good natural abilities. Preference should be given to those who will make the best teachers.

Further information can be obtained by addressing either of the undersigned at Iowa City.

D. FRANKLIN WELLS,

H. D. DOWNEY,

ANSON HART,

Committee for the Board of Trustees.



REPORT OF THE TRUSTEES
 OF THE
 STATE UNIVERSITY OF IOWA,
 TO THE BOARD OF EDUCATION.

OCTOBER 26, 1859.

[*Imprint*—DES MOINES, IOWA.—JOHN TEESDALE, STATE PRINTER.—1859.]

STATE UNIVERSITY,
 IOWA CITY, IOWA, Oct. 26th, 1859. }

GENTLEMEN OF THE BOARD OF EDUCATION :

In compliance with the 14th Section of the act entitled "An act for the government and regulation of the State University," we have the honor to submit the following report :

As required by law, the Board convened at this place on the 2d day of February last, and immediately proceeded to the election of President, Secretary and Treasurer, which resulted as follows :

THOMAS H. BENTON, JR., President.

ANSON HART, Secretary.

H. W. LATHROP, Treasurer.

The Treasurer elect gave bond in the penal sum of \$25,000. The bond was subsequently filed in the office of the Secretary of State.

Theodore S. Parvin was elected Curator of the Cabinet of Natural History and Librarian, and his salary was fixed at \$1,000—but limited to \$250 until otherwise ordered by the Board.

Mr. Parvin tendered his resignation as Trustee, and the vacancy was filled by the appointment of Dr. Charles O. Waters, of Muscatine.

Prof. D. F. Wells was re-appointed Principal of the Normal School, with a salary of \$1,000.

We found the University suspended, in obedience to a resolution passed by a former Board of Trustees, at a meeting held April 27th, 1858, with the exception of the Normal Department, which had been re-opened in September last preceding our meeting.

Our first business was to make a thorough examination of the condition of the University fund, with a view to the re-opening of all the various departments of the Institution. The investigation proved, however, that the Board were then without means to accomplish this much desired result. The universal depression in all kinds of business, rendered it impossible to collect [4] the interest on the notes belonging to the fund, and there was then less than \$1,000 in the Treasury.

The University fund is derived from a grant of 72 sections of land, donated for that purpose by the General Government to the State, making a total of 46,080 acres. Of this 122 6-100 acres yet remain to be selected, and of that selected there is a net loss of 27 39-100 acres, by the selection of fractional sections, which, by the terms of the grant, were to be taken as full sections. The number of acres selected and disposed of will appear more fully from the following statement:

Number of acres sold.....	31,411.36
“ “ unsold.....	14,519.19
“ “ yet to be selected	122.06
“ “ deficient by selection of fractions.....	27.39
	<hr/>
Total number of acres.....	46,080.00

The net proceeds of the sale of these lands are as follows:

Lands sold.....	\$110,582.75
Lands unsold and valued at	62,286.36
	<hr/>
Total amount of the University fund.....	\$172,869.11

It is somewhat doubtful whether the unsold lands will sell for the amount at which they have been appraised, as set forth in the above statement. The terms upon which these lands have been sold are, one-fourth of the purchase money in cash, and the balance on a credit not exceeding ten years, with interest at the rate of ten per cent. per annum. The cash proceeds have been loaned upon real estate security, and hence the notes given in such cases are usually termed *mortgage* notes, and those given for the partial credits on lands sold are, by way of distinction, called *contract* notes.

The following account current from the books of the Treasurer presents a more comprehensive view of the condition of the principal of the fund:

[5] STATEMENT

Showing the amount of principal of the University Fund in the hands of H. W. LATHROP, Treasurer—the balance corresponding with the amount as reported by A. HART, Secretary :

Dr.

To amount rec'd from M. L. Morris, State Treas'r.....	\$ 59,067.62
To amount received from A. Hart, Secretary.....	82,124.71
To amount due from M. L. Morris, being this much less received from him than was placed in his and his predecessor, I. Kister's, hands, by A. Hart, Secretary...	355.53
To amount in interest fund paid by Gower and others, Trustees, which should have been transferred to principal on surrender of lands	510.50½
	<u>\$142,058.36</u>

Cr.

By amount of lands surrendered to Gower and others, Trustees, purchased at a sale in June, 1855.....	\$ 30,016.18
By amount of lands purchased by J. H. Gower and M. J. Morseman, Trustees, at a sale in September, 1855, which are vacant for the same reasons as for those purchased in June, and which are put down as vacant in A. Hart's report.....	996.97
By amount paid to pre-emption claimants, being the amount received for the sale of their improvements.	380.00
By amount refunded to Wm. Hayes, overpaid by him on purchase.....	10.00
By amount due A. Hart, Secretary, overpaid by him to Treasurer, as per account previously rendered.....	55.30
By amount unaccounted for.....	17.16
By balance, being the amount of land sold as reported by the Secretary to the Board of Trustees in October, 1859, as since corrected by the addition of \$110 to amount sold, an omission since discovered.....	110,582.75
	<u>\$142,058.36</u>

H. W. LATHROP, *Treasurer.*

A. HART, *Secretary.*

E. & O. E., Iowa City, December 5, 1859.

There is in the hands of H. W. Lathrop, Treasurer, not yet refunded, \$229.24, being the cash payment on J. H. Gower and Mr. Morseman's purchase in September, 1855, and considered vacant in the above account.

At our second meeting, held on the 28th day of June last, [6] the former officers were re-elected, and the Treasurer was required to give a new bond, which was since filed in the office of the Secretary of State. By the Treasurer's report, presented at that time, the amount of interest, due and unpaid, was :

On mortgage notes for the year 1855.....	\$ 183.11
On mortgage notes for the year 1856.....	985.98
On mortgage notes for the year 1857.....	1,720.58
On mortgage notes for the year 1858.....	2,707.32
Total amount.....	\$5,596.93

On contract notes for the year 1855.....	\$ 18.44
On contract notes for the year 1856.....	390.53
On contract notes for the year 1857.....	1,089.82
On contract notes for the year 1858.....	2,634.86
Total amount.....	\$4,133.65

Amount due on mortgage notes brought forward\$5,596.93

Total amount of delinquent interest.....\$9,730.58

By a vote of the former Board of Trustees, \$5,000 of the interest of the University Fund was used for the purpose of inclosing the new University building, in order to protect it from serious injury, having no other funds at their disposal. We therefore have,

Interest due and unpaid.....	\$9,730.58
Interest expended on University building.....	5,000.00
Interest in hands of Treasurer.....	1,239.13
Total amount.....	\$15,969.71

It will be seen from the above statement that the sum of \$1,239.13 was the only means then at our disposal. But a small proportion of the interest then delinquent, has since been collected. The Board beg leave to suggest that the amendment of Section Twenty, of the Act of the General Assembly, of March 23d, 1858, entitled, "An Act providing for the management of the School Fund and the sale of school lands," so far as to make it refer to section *sixteen*, instead of section *nineteen*, as at present, would probably facilitate the collection of the interest due the University Fund. [7]

There has been expended since the suspension of the University proper, for compensation of professor and assistant in the Normal Department, curator and janitor, and for incidental expenses	\$2,957.13
Amount paid Chancellor Dean for services and books purchased for library	456.84
Amount paid for school furniture for Normal School.....	202.25
Amount paid for Model School	200.00
Amount paid for school books	34.25
Amount paid for repairs in school room.....	22.25
Amount paid for painting and roofing on new building ..	130.00
Amount paid for advertising by former Board.....	45.81
Amount paid for books and geological specimens.....	100.00
Amount paid for frescoing library room	62.50
 Total amount.....	 \$4,211.03

By the foregoing statements relative to the resources of the University, it will readily appear that the Board of Trustees were unable to do more at their first meeting than to elect officers, and perfect, as far as possible, the organization of the Normal School. This Department is under the direction of Prof. D. F. Wells, with an accomplished female assistant. The room formerly occupied by the State Library has been neatly furnished for its reception, and supplied with seats and desks for sixty students. In it are taught all the common and higher English branches, together with the theory and practice of teaching. The whole number of students who have been in attendance during the last year is,

Males.....	38
Females.....	52
 Total	 90

There are now in attendance in the Normal School proper, sixty students, representing nineteen counties of the State, showing a much more general interest in this Department of the University than has ever existed before. Eleven students have graduated [8] and received diplomas during the past year, who are now actively and efficiently engaged in the practice of their profession. There is also connected with this Department a text book library, consisting of 1,158 volumes, nearly all of which have been donated by publishers and authors.

That students might be instructed in the practice as well as in the theory of teaching, the establishment of a model school in connection with the Normal School was indispensable, and hence the Board felt justified in making a small appropriation for that

purpose. A room adjacent to the Normal Department was accordingly fitted up with seats and desks, on the most approved plan, for sixty pupils. As the Board did not consider themselves warranted, in view of the financial condition of the University, in providing for the compensation of a teacher for the Model School, they authorized Prof. Wells to charge a small tuition fee for the admission of pupils attending it, and to secure the services of a teacher upon such terms as would not render them liable for any additional expense. He accordingly employed Mrs. Dr. McGon-egal, who has proven a very efficient teacher. The school is now full, containing sixty pupils, and is in successful operation. It has proven a valuable acquisition to the Normal Department, and aside from the trivial expense incurred in preparing the room, the small tuition fee charged each pupil has made it self-supporting. It is, indeed, a *model* school. Mrs. M., under the general supervision of Prof. Wells, is assisted by three or four of the students from the Normal School, which enables them daily to combine the theory and practice of teaching by actual experiment. The Board feel warranted in saying that the success and utility of the Normal Department fully justify the expense incurred in establishing it, and beg leave to recommend that a diploma granted any of its students be made sufficient evidence of qualification to teach in our public schools without a certificate from the County Superintendent.

By an act of the last General Assembly, the sum of \$10,000 was appropriated for the erection of a College edifice on the University grounds, for the accommodation of students, with a boarding hall attached. This amount was expended by the former Board of Trustees for the purpose specified in the act, but without completing the building. Hence the additional sum of \$5,000, interest of the University fund, was expended for the purpose of inclosing it. It is a neat, commodious and substantial struc- [9] ture, and well adapted to the uses for which it was intended, with the single exception of the basement story, which, with due reference to our predecessors, we can but regard an objectionable feature.

It is estimated that the further sum of \$10,000 will be required for its completion. The necessity of this building and the advantages resulting from its construction, are fully and ably set forth in the report of Hon. M. L. Fisher, Superintendent of Public Instruction to the General Assembly in 1857. The additional sum of \$5,000, for repairs and alterations of the old University building and the purchase of apparatus, will be required, making in all \$15,000. Add to this the amount required to refund the \$5,000 of the interest of the University Fund heretofore alluded to, and it

will be seen that the sum of \$20,000 will be necessary to put the Institution into successful operation in all its collegiate departments.

To re-open the Institution as a mere preparatory school, the Board considered unwise, and believe that the former unsuccessful attempt made to open it in a similar manner, has proven detrimental to its interests.

By the same act of the General Assembly, the sum of \$3,000 was appropriated for repairing and modifying the old building, so as to adapt it to the wants and necessities of the University. This sum was also expended by the former Board for the purposes contemplated in the act. The re-roofing of the entire building constituted the heaviest item of expense. A cabinet was constructed for the geological specimens, which, in design and execution, is an ornament to the University and a credit to the State. All the specimens collected, and at the disposal of the Board, have been placed in it, and neatly arranged and classified by the Curator. A portion of the specimens collected, considered by the Curator the most valuable, still remain in the possession of Prof. Hall, the State Geologist, and we beg leave to suggest that efficient measures should be taken to have them placed as soon as possible in the Cabinet of the University, where we believe they properly belong.

Through the agency of the Curator, Hon. T. S. Parvin, acting under the instructions of this Board, the rooms in the University building, formerly owned by the General Government, and occupied by the United States District Court have been formally [10] released to the State by the Secretary of the Interior—thus giving the Board control of the entire building. These rooms, however, and the hall formerly occupied by the House of Representatives, before they will be adapted to collegiate purposes, will require some essential alterations and repairs.

At our present meeting, the Rev. Silas Totten, formerly President of Trinity College, Hartford, Conn., and late of William and Mary College, Virginia, was elected President of the University, and is to enter upon the preliminary duties of his office in June next, at which time his salary, fixed by the Board at \$2,000, is to commence. He has been invited, by resolution of the Board, to be present when the General Assembly convenes, and to deliver an address before that body on the subject of the University, and the means required to enable the Board to re-open it on the first of September next. It has been deemed advisable to have the President here in advance of the time of re-opening the Institution, in order that we might have his counsel in the appointment and organization of the Faculty.

By a resolution of the Board at its present meeting, the Curator was allowed full pay from and after the first of December next, with instructions to devote his entire time to the collection of specimens in geology and natural history, until the University is re-opened in its several departments, when additional duties will be required of him.

These important steps have been taken by the Board with the confident expectation that the General Assembly will place at their disposal the necessary means for accomplishing the desired end. If we are not disappointed in this expectation, we believe that the celebrity as a scholar and ability as an educator which the President will bring to the support of the Institution, will enable it to re-open under such happy auspices as will ensure its future permanency, and soon render it equal, if not superior to any of the institutions of our country.

The members of the Board determined their respective terms of office by lot. The short term (one year) was drawn by Messrs. Parker, Griffiths and Waters, and the long term (three years) by Messrs. Fisher, Benton, Downey and Pomeroy.

All of which is respectfully submitted.

By order of the Board,
ANSON HART, *Secretary.*

THOMAS H. BENTON, JR.,
President of the Board.



FOURTH CATALOGUE
OF THE
STATE UNIVERSITY OF IOWA.
NORMAL DEPARTMENT.

FOR THE YEAR 1859 - 60.

[*Imprint.*—REPORTER OFFICE, IOWA CITY, 1860.]

TRUSTEES.

HON. THOS. H. BENTON, Pottawattamie Co.
HON. H. D. DOWNEY, Johnson Co.
HON. M. L. FISHER, Clayton Co.
L. F. PARKER, Esq., Poweshiek Co.
CHAS. POMEROY, Esq., Boone Co.
REV. C. O. WATERS,* Muscatine Co.
J. M. GRIFFITH, Esq., Polk Co.

ACADEMICAL DEPARTMENT.

[SUSPENDED APRIL 27, 1858, TILL SEPTEMBER, 1860.]

NORMAL DEPARTMENT.

BOARD OF INSTRUCTION.

D. FRANKLIN WELLS, A. B., Principal.
Miss LAVINIA DAVIS, Assistant Instructor.
Mrs. M. A. MCGONEGAL, Instructor in Model School.
P. J. WHIPPLE, Instructor in Vocal Music.

* Vice T. S. Parvin, resigned, and appointed Curator and Librarian.

NORMAL DEPARTMENT. [23]

This department has been established for the express purpose of educating Teachers.

ADMISSION.

Candidates for admission are required to sustain an examination in Reading, Spelling, Penmanship, Elementary Grammar, Geography, and Arithmetic, through Compound Numbers and Vulgar Fractions. They must be, if males, at least 17; and, if females, 15 years of age.

All pupils, on their admission to the Normal Department, are required to sign a declaration of their intention to engage in the business of Teaching in the schools of this State.

By a resolution of the Board of Trustees, each County Superintendent has the right to recommend two persons from his County, who shall be received without charge for tuition. Others will be received on the payment of a fee of \$5 per session.

COURSE OF STUDIES.

The following are the studies pursued in the Normal Department. From two to two-and-a-half years would be required to complete the whole course; but students prepared to sustain an examination in some studies of the course, may complete it in a less time.

Elementary Sounds of the Language.—*Normal Chart.*

Reading.

Spelling, Definition and Analysis of Words.

Drawing and Penmanship.

Descriptive Geography and Map Drawing.—*McNally's.* [24]

Physical Geography.—*Warren's.*

Mathematical Geography and use of Globes.—*Lectures.*

History of the United States.—*Willard's.*

English Grammar, including Analysis and Synthesis.

Composition Writing.

Rhetoric and Criticism.—*Quackenbos.*

Intellectual or Oral Arithmetic.—*Stoddard's.*

Written Arithmetic.—*Davies' Practical.*

Higher Arithmetic.—*Davies' University.*

Elementary Algebra.—*Davies'*.
 Higher Algebra.—*Davies' University*.
 Geometry.—*Davies' University*.
 Anatomy, Physiology and Hygiene.—*Hooker's and Cutter's*.
 Natural Philosophy.—*Parker's*.
 Moral Science.—*Wayland's*.
 Intellectual Philosophy.—*Wayland's*.
 Constitution of the United States.
 Constitution and School Laws of Iowa.
 Theory and Art of Teaching.—*Page's and Lectures*.
 Practice in Teaching in the Model School.

Lectures on subjects connected with education and the art of teaching, are frequently given.

The Teachers of the Normal Department have the use of the apparatus belonging to the University, and text books are furnished to the pupils without cost.

MODEL SCHOOL.

A Model School, composed of pupils of the ages usually found in the public schools, and under the superintendence of an experienced teacher, is connected with this department. Each student before graduating, is required to spend from two to four weeks in the Model School as a teacher, where, under the superintendence of the Principal, an opportunity is afforded of reducing theory to practice.

DIPLOMA.

A diploma is awarded to those who, having completed the prescribed course of studies, give satisfactory evidence of the proper qualifications for teaching.

[25]

BOARD.

Board can be obtained in private families at from \$1.50 to \$2.50 per week. Some students, by renting rooms and boarding themselves, can support themselves at a still lower rate.

APPOINTMENTS BY COUNTY SUPERINTENDENTS.

In making these appointments, care should be taken to select persons of good natural abilities, and irreproachable moral character.

The Trustees, at their last meeting, made provision for enlarging the accommodations for this department, so that all who apply can be received. It is desirable that every County in the State should

be represented, and County Superintendents are requested to give their attention to the subject.

FORM OF RECOMMENDATION.

OFFICE OF SUPERINTENDENT OF COMMON SCHOOLS,

—————County, Iowa, —————, 18—.

I hereby recommend————— as a suitable person to attend the Normal Department of the State University of Iowa, from —————County, to be educated as a teacher.

—————, County Superintendent.

STUDENTS.

[26]

GENTLEMEN.

NAMES.	RESIDENCE.
Albin, Samuel E.....	<i>Adel.</i>
Allin, William.....	<i>Carthage.</i>
Beaham, Thomas G.....	<i>Muscatine.</i>
Brown, Thomas E.....	<i>Genoa Bluffs.</i>
Clark, John H.....	<i>Iowa City.</i>
Cavanaugh, James Jr.....	<i>Iowa City.</i>
Chase, Josiah E.....	<i>Aquilla Grove.</i>
Clyde, John.....	<i>Genoa Bluffs.</i>
Davis, J. Whitefield.....	<i>Clear Creek.</i>
Dennison, Guerdon.....	<i>Iowa City.</i>
Dickinson, Amasa J.....	<i>Vinton.</i>
Gorton, Charles.....	<i>Decorah.</i>
Griffith, Elijah.....	<i>Story City.</i>
Haddock, Wm. J.....	<i>Marion.</i>
Hemperly, John F.....	<i>West Liberty.</i>
Hoopes, J. Linn.....	<i>Muscatine.</i>
Hibbard, Daniel.....	<i>Homestead.</i>
Jefferson, Richard H.....	<i>Bellevue.</i>
La Tourette, Wilbert.....	<i>Muscatine.</i>
Martin, Albert L.....	<i>Leon.</i>
McClelland, James A.....	<i>Birmingham.</i>
Morgan, Gilbert S.....	<i>Webster.</i>
Morrison, Robert.....	<i>Iowa City.</i>
Reice, Nathan.....	<i>Vinton.</i>
Rigg, T. Jackson.....	<i>Downey.</i>

[27]

NAMES.	RESIDENCE.
Ritter, Israel M.....	<i>Pleasant Valley.</i>
Rumple, John N.....	<i>Genoa Bluffs.</i>
Samson, Andrew T.....	<i>Iowa City.</i>
Smith, Carey R.....	<i>Iowa City.</i>
Smith, Radcliffe M.....	<i>Bellevue.</i>
Talbott, Lewis.....	<i>West Branch.</i>
Witter, Finley M.....	<i>Leon.</i>

LADIES.

NAMES.	RESIDENCE.
Bent, Franc A.....	<i>Iowa City.</i>
Berger, Rachel.....	<i>Iowa City.</i>
Bowen, Kate.....	<i>Iowa City.</i>
Button, Emma.....	<i>Iowa City.</i>
Brainard, Kate E.....	<i>Iowa City.</i>
Bowman, Martha J.....	<i>North Bend.</i>
Barclay, Lydia.....	<i>West Liberty.</i>
Brown, Anna.....	<i>Iowa City.</i>
Caldwell, Laura.....	<i>Iowa City.</i>
Connelly, Mary.....	<i>Iowa City.</i>
Cutler, Mary C.....	<i>Iowa City.</i>
Chadwick, Sarah.....	<i>Pleasant Valley.</i>
Elliott, Rachel.....	<i>Springdale.</i>
Francis, Mary.....	<i>Iowa City.</i>
Gray, Mary.....	<i>Iowa City.</i>
Hamilton, Mary.....	<i>Washington.</i>
Hammon, Elizabeth H.....	<i>Springdale.</i>
Hanby, Virginia E.....	<i>Iowa City.</i>
Hawey, Mary S.....	<i>Newton.</i>
Hart, Nettie M.....	<i>Iowa City.</i>
Hart, Emma.....	<i>Iowa City.</i>
Hogan, Jennie.....	<i>Washington.</i>
Holmes, Lizzie H.....	<i>Mt. Pleasant.</i>
Humphrey, Lucinda.....	<i>Tipton.</i>
Jenkins, Sarah J.....	<i>Iowa City.</i>
Kennedy, Mary E.....	<i>Marshalltown.</i>
Kimball, Adaline.....	<i>Iowa City.</i>
Macy, Amanda.....	<i>Bangor.</i>
Maynard, Elizabeth D.....	<i>North Liberty.</i>
Mendenhall, Lucinda.....	<i>Iowa City.</i>
Moore, Elizabeth J.....	<i>Iowa City.</i>
Morgan, Mary L.....	<i>Webster.</i>
McLean, Ellen.....	<i>Iowa City.</i>
McLean, Hannah.....	<i>Iowa City.</i>
McCune, Sarah J.....	<i>Iowa City.</i>

NAMES.	RESIDENCE.	
Markham, Mary A.	<i>Albion.</i>	[28]
Morris, Mary	<i>Fremont.</i>	
Orr, Eugenia.....	<i>Iowa City.</i>	
Pardee, Julia.....	<i>Eldora.</i>	
Pinney, Annis A	<i>Iowa City.</i>	
Romaine, Amelia C.....	<i>West Liberty.</i>	
Samson, Sarah A.....	<i>Iowa City.</i>	
Sanders, Ida R.....	<i>Iowa City.</i>	
Shipley, Julia E.....	<i>Iowa City.</i>	
Shockey E. Oakella.	<i>Iowa City.</i>	
Sommerville, Ada.....	<i>Dodgeville.</i>	
Smith, Mattie F.....	<i>Des Moines.</i>	
Stephens, Elvira.....	<i>Washington.</i>	
Stevens, Mary O.....	<i>Iowa City.</i>	
Swetland, Fidelia.	<i>Tipton.</i>	
Taylor, Jane E.....	<i>Janesville.</i>	
Terwilliger, Jennie.....	<i>Anamosa.</i>	
Ward, Martha J.....	<i>Iowa City.</i>	
Whiteside, Viola.....	<i>Scott.</i>	
Wright, Mary.....	<i>Washington.</i>	
Zimmerman, Mag. A.....	<i>Scott.</i>	
Zimmerman, I. Augusta.....	<i>Scott.</i>	

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