

UNIVERSITY
—OF THE—
STATE OF MISSOURI.

—o—o—o—
1868-1869.

ANNUAL ANNOUNCEMENT

OF THE

UNIVERSITY

OF THE

STATE OF MISSOURI,

CONTAINING

CATALOGUE OF OFFICERS AND STUDENTS

FOR THE YEAR ENDING JUNE, A. D. 1869.

COLUMBIA :
STATESMAN PRINTING HOUSE.
1869.

CURATORS.

A. J. CONANT, ESQ.,	First District,	St. Louis.
EDWARD WYMAN, ESQ.,	First District,	St. Louis.
HON. ELIJAH PERRY,	Second District,	Rolla.
HON. J. W. SUTHERLAND,	Second District,	Richmond.
G. A. MOSER, ESQ.,	Third District,	Ironton.
JAMES H. KERR, ESQ.,	Third District,	Cape Girardeau.
PROF. J. W. MATHIAS,	Fourth District,	Springfield.
ORVILLE S. REID, ESQ.,	Fourth District,	Lebanon.
GEN. JAMES H. BAKER,	Fifth District,	Boonville.
HON. WILLIAM H. McLANE,	Fifth District,	Clintou.
COL. THEO. S. CASE,	Sixth District,	Kansas City.
HON. W. W. ORRICK,	Sixth District,	Richmond.
HON. PHILEMON BLISS,	Seventh District,	St. Joseph.
HON. L. M. LAWSON,	Seventh District,	St. Joseph.
B. F. NORTHCUTT, ESQ.,	Eight District,	Linneus.
PROF. W. C. MATTISON,	Eight District,	Macon.
DR. J. M. MARTIEN,	Ninth District,	St. Charles.
HON. PAUL HUBBARD,	Ninth District,	Columbia.
HON. JAMES S. ROLLINS,	Boone County,	Columbia.
ELDER T. M. ALLEN,	Boone County,	Columbia.
COL. F. T. RUSSELL,	Boone County,	Columbia.
R. L. TODD, ESQ.,	Boone County,	Columbia.

OFFICERS OF THE BOARD.

	-	-	-	-	-	<i>President.</i>
ELDER T. M. ALLEN,	-	-	-	-	-	<i>Vice President.</i>
R. L. TODD,	-	-	-	-	-	<i>Secretary.</i>
J. H. WAUGH,	-	-	-	-	-	<i>Treasurer.</i>

FACULTY.

DANIEL READ, LL.D., PRESIDENT,

Professor of Mental, Moral and Political Philosophy.

JOSEPH G. NORWOOD, M. D.,

Professor of Natural Science, and Natural Philosophy.

REV. JOHN PACKER, A. M.,

Professor of Ancient Language and Literature.

JOSEPH FICKLIN, A. M.,

Professor of Mathematics, Mechanical Philosophy and Astronomy.

OREN ROOT, JR., A. M.,

*Professor of English Language and Literature, and Instructor in
French and German.*

MAJ. GENERAL R. W. JOHNSON, U. S. A.,

Professor of Civil and Military Engineering, and Tactics.

E. L. RIPLEY, A. M.,

Principal of College of Normal Instruction.

D. W. B. KURTZ, A. B.,

Assistant in College of Normal Instruction.

CHS. V. RILEY, STATE ENTOMOLOGIST,

Lecturer on Entomology.

J. G. ANDERSON, }
ELI PENTER, } *Student Instructors.*

COLLEGE OF SCIENCE AND LETTERS.

STUDENTS.

SENIORS.

S	John W. Baker,	- - - - -	Columbia.
I	Clifton S. Gray,	- - - - -	Columbia.
S	Frederick W. Hamm,	- - - - -	Weston.
I	David H. Hickman,	- - - - -	Stephens.
C	John W. Prather,	- - - - -	Hickman, Ky.
C	Prosser K. Ray,	- - - - -	Carrolton.
C	Bentley H. Runyan,	- - - - -	Columbia.
S	John G. Waples,	- - - - -	Chillicothe.

8

JUNIORS.

S	Robert W. Dorsey,	- - - - -	Gillespie, Ill.
S	Joseph C. Hearne,	- - - - -	Versailles, Ky.
S	Frank M. Houts,	- - - - -	Warrensburg.
S	Oliver L. Houts,	- - - - -	Warrensburg.
S	William D. Ilgenfritz,	- - - - -	Sedalia.
S	Thomas J. Lowery,	- - - - -	College Mound.
S	Eli Penter	- - - - -	Columbia.
S	Robert T. Railey,	- - - - -	Harrisonville.
S	Joseph F. Robinson	- - - - -	Columbia.
S	Paul Waples	- - - - -	Chillicothe.
I	Joseph C. Waters	- - - - -	Columbia.

11

SOPHOMORES.

C	Shannon C. Douglass,	- - - - -	Columbia.
C	John H. Duncan,	- - - - -	Columbia.
S	Irvin Gordon,	- - - - -	Columbia.
S	Allen Glenn,	- - - - -	Harrisonville.
S	William D. Hancock,	- - - - -	Sedalia.
C	S. A. McPherson,	- - - - -	Altensburg.
C	Elgin L. Runyan,	- - - - -	Columbia.

7

FRESHMEN.

C	J. N. Baskett,	-	-	-	-	Mexico.
S	David E. Beaumont,	-	-	-	-	Weston.
S	Cornelius M. Burgess,	-	-	-	-	New Market.
S	H. H. Carmichael,	-	-	-	-	Knob Noster.
S	James R. Clinkscales,	-	-	-	-	Carrolton.
S	Henry Chomeau, jr.,	-	-	-	-	Florrisant.
S	James Cooney,	-	-	-	-	Troy, N. Y.
S	James M. Connaway,	-	-	-	-	Stockton.
S	J. H. Dryden,	-	-	-	-	Mt. Ayr, Iowa.
C	J. Marvin Eddy,	-	-	-	-	Hannibal.
C	John B. Elston,	-	-	-	-	Columbia.
C	R. M. Field, jr.,	-	-	-	-	St. Louis.
S	John W. Graves,	-	-	-	-	Chillicothe.
S	Thomas E. Holland,	-	-	-	-	Weston.
C	James W. Horner,	-	-	-	-	Columbia.
S	J. L. Ladd,	-	-	-	-	Mexico.
C	G. Bingham Rollins,	-	-	-	-	Columbia.
C	John M. Richardson,	-	-	-	-	Boonville.
S	Abram Shafer,	-	-	-	-	Platte City.

19

PREPARATORY DEPARTMENT.

CLASS A.

D. W. C. Amberg,	-	-	-	-	-	Hickman, Ky.
A. W. Bishop,	-	-	-	-	-	Jefferson City.
W. H. Bishop,	-	-	-	-	-	Jefferson City.
Edward A. Carter,	-	-	-	-	-	Columbia.
Benjamin Craycroft,	-	-	-	-	-	Syracuse.
Clark Craycroft,	-	-	-	-	-	Otterville.
Randall Dryden,	-	-	-	-	-	Carthage.
Geo. S. Heron,	-	-	-	-	-	Hickman, Ky.
A. Y. Houston	-	-	-	-	-	Rowletta.
W. L. Houston,	-	-	-	-	-	Columbia.
Bennett Hughes,	-	-	-	-	-	Richmond.
Alfred B. Johnson,	-	-	-	-	-	Louisville, Ky.
Charles A. Milliken	-	-	-	-	-	Bolivar.
John McFarland,	-	-	-	-	-	Warrensburg.
James F. Pitt,	-	-	-	-	-	Platte City.
Squire H. Redman,	-	-	-	-	-	California.
Joseph T. Ridgeway,	-	-	-	-	-	Brookfield.

Curtis B. Rollins,	- - - - -	Columbia.
Owen W. J. Stone,	- - - - -	Columbia.
Claude Watson,	- - - - -	Columbia.

20

CLASS B.

J. D. Andrews,	- - - - -	St. Louis.
George J. Cason,	- - - - -	Columbia.
Charles L. Dobson,	- - - - -	Linneus.
W. W. Douglass,	- - - - -	Columbia.
David Esteb,	- - - - -	Kingston.
A. T. Flack,	- - - - -	Hickman, Ky.
John B. Gay,	- - - - -	St. Louis.
Scott D. Gordon,	- - - - -	Columbia.
Walter P. Hudson,	- - - - -	Columbia.
Turner McBain,	- - - - -	Providence.
John G. McPherson,	- - - - -	Tipton.
John H. Rea,	- - - - -	Carrolton.
Eugene C. Rankin,	- - - - -	De Soto.
Eugene Scott,	- - - - -	Columbia.
Bem Scott,	- - - - -	Titus Co. Texas.
J. Cordie Sappington,	- - - - -	Arrow Rock.
James S. Stinson,	- - - - -	Tipton.

17

CLASS C.

W. P. Andrews,	- - - - -	St. Louis.
Lemuel A. Esteb,	- - - - -	Kingston.
Arch T. Garth,	- - - - -	Columbia.
A. T. January,	- - - - -	St. Louis.
Frederick J. Miller,	- - - - -	Buttsville.
Moss P. Newman,	- - - - -	Columbia.
Moss P. Parker,	- - - - -	Columbia.
D. W. King,	- - - - -	Lamine.

8

COLLEGE OF NORMAL INSTRUCTION.

FACULTY.

DANIEL READ, LL.D.,
President of the University.

E. L. RIPLEY, A. M., PRINCIPAL,
Professor of the Theory and Practice of Teaching.

D. W. B. KURTZ, A. B.,
Assistant.

MRS. C. A. RIPLEY,
Preceptress.

MISS MARY B. READ,
Teacher in Model School.

J. G. ANDERSON, }
ELI PENTER. } *Student Assistants.*

STUDENTS.

SENIORS.

J. G. Anderson,	- - - - -	Keokuk, Iowa.
T. M. Connaway,	- - - - -	Stockton.
G. W. Crowe,	- - - - -	Union.
Eli Penter,	- - - - -	Columbia.
		4.

JUNIORS.

A. Berlinger,	- - - - -	Stuttgart, Germany.
Henry Chomeau, jr.,	- - - - -	Florissant.
James Cooney,	- - - - -	Troy, N. Y.
J. M. Eddy,	- - - - -	Hannibal.
J. R. Huffaker,	- - - - -	St. Catherines.
Zachariah May,	- - - - -	Rushville.
Monroe Johnson,	- - - - -	Clifty Dale.
C. B. Sebastian,	- - - - -	Columbia.
W. B. Trautham,	- - - - -	Springfield.
		9.

SOPHOMORES.

Geo. W. Cook,	- - - - -	Kansas City.
O. W. Crawford,	- - - - -	Knob Noster.
M. S. Davis,	- - - - -	Louisville.
E. W. Dicus,	- - - - -	Fulton.
J. Dykes, jr.,	- - - - -	Princeton.
J. E. Forbis,	- - - - -	Rocheport.
E. M. Hultz,	- - - - -	Columbia.
P. H. McNulty,	- - - - -	Lone Elm.
J. Morris,	- - - - -	Louisville.
J. W. Northern,	- - - - -	Florissant.
S. C. Rogers,	- - - - -	Lathrop.

20.11

FRESHMEN.

J. S. Blackburn,	- - - - -	Louisville.
R. A. Hughes,	- - - - -	Louisville.
J. J. Howard,	- - - - -	Knob Noster.
Charles Leabo,	- - - - -	Tipton.

COURSE OF INSTRUCTION.

CLASSICAL AND SCIENTIFIC.**PREPARATORY.**

English Grammar, Geography, Arithmetic, (Ray), Algebra, (Davies' Elementary), U. S. History, Latin Grammar, Latin Reader, (Harkness), Cæsar, Harkness' First Book in Greek, Kendrick's Greek Ollendorff.

SUB-FRESHMAN.

English Analysis, (Green), Outlines of History, (Worcester).
Algebra, (Loomis'), thro' Quadratics.
Geometry, (Davies Legendre), four books.
Xenophon's Anabasis, Hadley's Greek Grammar.
Sallust, Virgil and Cicero.

FRESHMAN.

Algebra, (Loomis'), completed, Geometry completed.
Elocution, (Sargent's Standard Speaker).
Rhetoric and Composition, (Quackenbos).
Latin, (Livy), Prose Composition, (Arnold).
Greek, (Herodotus and Homer).

SOPHOMORE.

Trigonometry, Surveying, Navigation, Analytical Geometry.
Latin, (Horace and Juvenal).
Greek, Demosthenes and Xenophon).
German and French (optional).

JUNIOR.

Mechanical Philosophy, Astronomy.
Latin, (Horace and Tacitus).
Greek, (Tragedies and Dialogues).
Rhetoric, (Bain), Logic, (Coppee), English Literature, (Shaw).
Physics, Chemistry of non-metallic substances.

SENIOR.

Mental Philosophy, (Haven).
 International and Constitutional Law, (Kent).
 British Constitution, (Creasy).
 Calculus.
 Political Economy, (Bowen).
 Moral Philosophy, (Haven).
 Chemistry of the Metals; Geology; Mineralogy.
 Orations.

SCIENTIFIC.

Candidates for admission to the Freshman Class of the Course will be examined on the following studies:

Mathematics: Arithmetic, Algebra, through Equations of the Second degree, including Calculus of Radicals, Geometry, the first four books.

English Language: English Grammar and Analysis, United States History, Outlines of History and Geography. (The Examination will be on principles without regard to authors).

FIRST OR FRESHMAN CLASS.

Algebra and Geometry completed.
 Physical Geography.
 Elocution; Principles of Composition, (Quackenbos).

SECOND OR JUNIOR YEAR.

Trigonometry, Mensuration, Surveying, Navigation and Analytical Geometry.
 Physics and Chemistry of the Non-Metallic Elements.
 Rhetoric (Bain); Logic, (Coppee) and English Literature.

THIRD OR SENIOR YEAR.

Mechanics, Hydrostatics, Acoustics, Optics and Astronomy.
 Chemistry of the Metals; Mineralogy and Geology, Mental Philosophy, International and Constitutional Law, Political Economy, Moral Philosophy.
 Orations.

From the Students of both courses, Declamations and Compositions are required until Senior year; Seniors appear with Orations.

COURSE OF INSTRUCTION IN NORMAL COLLEGE.

FRESHMAN YEAR.

Reading, Orthography, Penmanship, Arithmetic, Geography,
English Grammar, History of United States, Drawing, Mapping.

SOPHOMORE YEAR.

Algebra, Analytical Grammar.
Physical Geography, Natural Philosophy.
Physiology,
General History, Latin, Elocution.
Rhetoric, Book Keeping.
Art of Teaching, Science of Government.

JUNIOR YEAR.

Geometry, Trigonometry.
Botany, Zoology, Astronomy.
General History.
Latin and Greek for gentlemen.
Latin and German or French for ladies.
Lectures on Theory and Practice of Teaching.

SENIOR YEAR.

Latin, Greek and German.
Surveying, Chemistry.
Agricultural Chemistry, Geology.
Mental Philosophy, Moral Philosophy.
Philosophy of Education.
Three months practice in Model School.

Department of Mental, Moral and Political Philosophy.

THE PRESIDENT.

SENIOR YEAR.

First Semester.—Mental Philosophy, Haven as the Text Book, with Lectures. Hamilton's Metaphysics.

International and Constitutional Law, Kent's Commentaries with Lectures.

British Constitution, Creasy, as the Text.

Second Semester.—Political Economy, Wayland and Bowen as Text Books. Compendium of the Census for 1860 on Progress of Wealth and Population of the United States.

Moral Philosophy, Haven as furnishing outline of Topics, select portions of Paley, Blackstone and Kent, required to be read.

GENERAL REVIEW.

Every student must be examined on this entire course at the close of the year prior to his graduation; and no student from other Colleges will be admitted *ad eundem*, so far as to excuse him from examination on these subjects, at the final examination for his degree.

The method of instruction is by examination on text books, by class discussions, by formal lecture from the Professor, by the student himself becoming the lecturer, and in his own language presenting the topic, and by written essays and analysis.

The instruction is intended to be as little as possible dogmatic; and the method adopted is designed to make the student himself the enquirer and thinker, and to teach him the right method of using books for investigation.

Department of Physics and Natural Science.

J. G. NORWOOD, M. D.

The course of instruction, under the present arrangement, is given to the regular Junior and Senior classes, together with such irregular students as may elect to pursue Scientific studies in connection with the English course, and to the exclusion of the purely Classical studies.

The time devoted to each branch of science is, as nearly as possible, commensurate with its practical importance.

The course of instruction for the Junior year embraces, during part of the first semester, the Elements of Physics, comprehending whatever is known of the Constitution and Properties of Bodies, their Causes, Effects, Operations, Phenomena, and the Laws of the Forces governing their actions. The branches particularly attended to are Heat, the Chemistry of Light, Statical and Dynamical Electricity, Magnetism, Electro-Magnetism and Pneumatics.

The apparatus for illustrating the lectures is very complete. The new instruments, ordered to be purchased by the Board of Curators at the last annual meeting, have been received, and add very materially to the facilities for instruction. The remainder of the first, and all of the second semester of the Junior year, is devoted to the Chemistry of the Non-Metallic Elements. The laboratory is very extensive and every effort is made to render the course of instruction in this branch equal to that given in the very best colleges in this country. The principles of the science are abundantly illustrated by experiments. The supply of reagents is ample, and the specimens of chemical products nearly all that could be desired.

Throughout the entire course the application of Chemistry to Agriculture, to Mechanical and Manufacturing pursuits, and to Pharmacy, is constantly brought before the student, in connection with each element and its compounds. Special attention is also paid to Toxicology. Every mineral poison is studied—so far, at least, as the tests for its presence and the appropriate antidotes are concerned. This kind of knowledge is especially valuable to those who intend studying the professions of Law or of Medicine; for without it, the Lawyer is not qualified to dis-

cuss and determine numerous questions of Medical Jurisprudence, which are constantly arising in our courts, and which frequently involve the safety of life or liberty; nor is the Physician competent to treat cases of poisoning.

The Senior year is devoted, during the first part of the session to the Chemistry of the Metallic Elements, and afterwards to the study of Natural History. The branches more particularly attended to are Anatomy, Physiology, Mineralogy and Geology. The first few weeks after the completion of Inorganic Chemistry are occupied with the Philosophy of Natural History, including an outline classification of the Animal and Vegetable Kingdoms. This is followed by the study of Biology, and an outline of Vegetable Physiology. The remainder of this term is devoted to Human Anatomy and Functional Physiology.

The course of instruction in these branches differs somewhat from that usually given in academical institutions. With the exception of those particular subjects which require absolutely the aid of the dissecting room, the instruction does not, in any material respect, differ from that given in Medical schools.

The aids to instruction in Anatomy consist of an artificial skeleton, numerous separate bones, dried preparations of the ligaments, muscles, blood vessels and nerves; and a collection of large colored diagrams, exhibiting every part of the human organism. The Anatomy of the viscera is illustrated by the recent viscera of some of the inferior animals.

The course of Physiology is, in every respect, such as is generally given to classes devoted to medical studies alone. These studies are peculiarly valuable not only to those who intend studying Medicine, but also to Law students, as it prepares them, in the only way they can be prepared, for the questions of Medical Jurisprudence. Nor is this kind of instruction less interesting and valuable to the Farmer, on account of the constant references made, when studying the human organs, to Comparative Anatomy and to the minor surgery of different parts; a sort of knowledge which is eminently practical, and which every educated man should possess.

The remainder of the Senior year is devoted to the studies of Mineralogy and Geology. The course of instruction in Geology embraces, first, the General Principles of the Science, together with the Relations of the subject; second, Physiographic Geology; third, Lithology; fourth, Stratigraphical and Historical Geology; fifth, Paleontology; sixth, Dynamical Geology.

The means for illustrating this science are equaled by few institutions in this or any other country. In addition to the very extensive State cabinet of fossils, the University has had the use,

for some years past, of large private collections of European and American specimens; and, also, of an extensive series of Diagrams, many of them prepared with special reference to the Geology of Missouri. Particular attention is paid to the series of geological formations found in Missouri, their association with Fossil Fuel and the Metallic Ores, and the character and capabilities of the soils derived from the disintegration of their different beds. The tendency of the whole course is to prepare the student for the application of Geology to Agriculture, Engineering, Architecture and Manufactures.

The general principles of Agricultural Chemistry and Meteorology are discussed, incidentally, in connection with several of the branches already named.

The progress made by students in the various branches of study is ascertained by frequent examinations on the subject gone over. In addition to this, each student is required to take notes of every lecture delivered to his class, and to write out, in a suitable book, during the ensuing evening, as complete and accurate a report of the lecture and its illustrations as his abilities and knowledge of the subject will enable him to make. These note books are handed to the teacher at certain periods for examination and correction. They are then returned to the students for study, in connection with their text books, and are made the basis for subsequent recitations. No student is allowed to copy the notes of another, except of lectures lost by absence on account of sickness, or other excusable cause.

An additional means of instruction has been prepared for the use of those who are engaged in the study of Elementary Chemistry in this institution. The plan of instruction in Elementary Chemistry pursued in nearly all the Colleges of this country (excepting those devoted especially to the Natural Sciences), has been by lectures, combined with recitations from some "manual" or ("Class-book"). Such a method exercises the *memory* of the pupil, but gives him little or no *work to do for himself*. To remedy this defect in our course, as far as practicable, a small treatise of "Experimental Exercises and Problems" has been prepared. This will enable the student to demonstrate principles and facts of the science on blackboards, precisely as he now does those of mathematics. Such a method, besides grounding the pupil thoroughly in the elements of the science, will be found to be one of the most efficient means of mental discipline.

Provision will be made, by the Professor of Chemistry, for the accomodation of any number of students who may desire to study *Analytical Chemistry*. All who enter the Laboratory will be required to furnish their own platinum and re-agents. The fee, per session of twenty weeks, will be the same as in other similar institutions.

DEPARTMENT OF ANCIENT LANGUAGES.

REV. JOHN PACKER, A. M.

This Department seeks, by the critical study of the most approved Greek and Latin Classics and by practice in writing Greek and Latin prose, to so familiarize the student with the structure and genius of the ancient languages, that he can open for himself the treasure-house of ancient thought and feeling. The classics are further utilized as a means to a better understanding of the genius and structure of our tongue, by indicating the points of similarity and dissimilarity in construction and expression between that and the classic tongues, and as the source of a large part of our vocabulary. The practical features of Greek and Roman life, together with Mythological, Historical and Geographical allusions are made matters of careful study.

PREPARATORY STUDIES.

Requirements for entering the Freshman Class :

LATIN.—Harkness' Latin Grammar complete; Four Books Cæsar's Commentaries; Sallust's Catilinian Conspiracy; Four Books Virgil's Æneid; Cicero's Select Orations, or equivalents.

GREEK.—Hadley's Greek Grammar complete; Harkness' First Book in Greek, Kendrick's Greek Ollendorf; First Three Books of Xenophon's Anabasis, or equivalents.

FRESHMAN YEAR.

First Semester.—Latin—Livy, (Lincoln), Prose Composition Arnold's).

Greek—Herodotus (Owen or Harper's Texts), or Selections from Greek Historians (Felton).

Second Semester.—Latin—Cicero De Amicitia et De Senectute. Prose Completed.

Greek—Iliad (Boise), Odyssey (Owen).

SOPHOMORE YEAR.

First Semester.—Latin—Select Comedies and Satires—Terrence, Juvenal, Horace (Lincoln).

Greek—Demosthenes' Select Popular Orations; or Demosthe-

nes on the Crown (Champlin); or *Æschines*; Prose Composition (Boise).

Second Semester.—Latin—Cicero's *De Contemnenda Morte*, (Chase).

Greek—Xenophon's *Memorabilia* (Robbins); Prose Composition completed.

JUNIOR YEAR.

First Semester.—Latin—Select Odes and Epistles of Horace (Lincoln).

Greek—Select Tragedies—*Æschylus*, *Sophocles* (Woolsey), *Euripides*.

Second Semester.—Latin—Tacitus *Germania* or *Histories*, (Tyler).

Greek—Plato, *Dialogues*—*Gorgias* (Woolsey), or *Apology* (Tyler).

CLASSICAL WORKS OF REFERENCE.

The following works are recommended as almost indispensable helps in the study of the Classics:

Hadley's, Crosby's or Kuhner's *Greek Grammar*.

Goodwin's *Greek Moods and Tenses*.

Harkness' or Zumpt's *Latin Grammar*.

Liddell and Scott's *Greek Lexicon*.

Andrew's *Latin Lexicon*.

Smith's or Anthon's *Classical Dictionary*.

Smith's *Greek and Roman Antiquities*.

Long's *Classical Atlas*, or

Kiepert's *Atlas Der Alten Welt*.

Smith's *History of Greece*.

Liddell's *History of Rome*.

Felton's *Greece, Ancient and Modern*.

Department of Mathematics, Mechanical Philosophy and Astronomy.

JOSEPH FICKLIN, A. M.

The studies in this Department are pursued in the following order :

FRESHMAN CLASS.

First Semester.—Loomis' Algebra. Completed.

Second Semester.—Geometry, Davies' Legendre.

SOPHOMORE CLASS.

First Semester.—Loomis' Trigonometry with its application to Heights and Distances, Mensuration, Surveying and Navigation.

Second Semester.—Loomis' Analytical Geometry.

JUNIOR CLASS.

First Semester.—Snell's Olmsted's Mechanics, Acoustics, Hydrostatics and the Mathematics of Optics.

Second Semester.—Snell's Olmsted's Astronomy.

SENIOR CLASS.

First Semester.—Loomis' Differential and Integral Calculus.

The outfit of Instruments and other facilities for illustrating the principles of Natural Philosophy are full and complete.

The adjustment and use of the Quadrant, Compass, Leveling Instrument and Theodolite, are fully explained, and illustrated by practice in the field.

Students in Astronomy, after mastering the theory of the subject in the recitation room, are required to go to the Observatory and apply their theories to practice in the determination of Latitude, Longitude, Right Ascension, time of day, Variation of the Magnetic Needle, &c.

Special attention is given to the mental discipline of the student. The development of the intellectual powers, and the formation and cultivation of correct habits of thinking and reasoning, by a constant reference to the Logic and Philosophy of Mathematics, are made the paramount objects of every recitation.

Prominence is also given to the great *practical* utility of

Mathematics. As far as possible, every principle demonstrated is also illustrated by some useful application of it to the arts.

The recitations are conducted with the aid of well selected text-books, and such additional illustrations and explanations as may be necessary, are given, in order to impart to the student a thorough philosophical and practical knowledge of all the subjects taught.

Original problems in the various branches are given to the student to test his knowledge of the subject, and to make him self-reliant and independent.

During the course, lectures are delivered on the Philosophy, Utility and History of Mathematics.

OBSERVATORY.

The Observatory stands west of the University edifice. It is, forty-four feet long, fourteen feet wide, fourteen feet high in the Equatorial room, and ten feet high in the Transit room.

The roof of the Equatorial room is a cone, which revolves on eight lignum vitæ balls, and is confined to the building only by its gravity. The roofs of both rooms are intersected by shutters for the convenience of observation. The instruments stand on stone slabs, which rest on pillars that descend about six feet into the ground, and have no connection with the floors.

The Equatorial room contains an Equatorial Telescope, by Fitz of New York. The Transit room contains a Sideral Clock, a Transit Circle, an Altitude and Azimuth Instrument, and a Transit Theodolite. Beside the foregoing instruments the outfit includes a Sextant, Mercurial Horizon, Barometers and Thermometers.

By means of these instruments the student is enabled to gain an insight into the important *practical* work of Modern Astronomy.

DEPARTMENT OF ENGLISH LITERATURE.

OREN ROOT, JR., A. M.

Students for admission to the Collegiate Department, either Classical or Scientific, will be examined upon English Grammar and Analysis, United States History and General History.

In the Preparatory course, Goodrich's United States History and Worcester's Outlines are used.

The Freshman class during the first Semester will study Quackenbush's Rhetoric with frequent exercises in composition and criticism. During the Second Semester, the class take up Elocution by dictation lectures, with practice in reading from Sargent's Speaker, and weekly debates.

The Junior Class will study Bain's Rhetoric with lectures on the style of late authors.

Coppee's Logic, and Shaw's English Literature.

Particular attention will be given to the practical matters of speaking and writing in the

RHETORICAL EXERCISES.

On Friday of each week, all the Classes meet in the Chapel in charge of the Professor of English Language and Literature, to listen to Orations from the Senior Class; Essays and Declamations from those of the lower Classes.

Essays and Orations are examined and carefully criticised by the Professors before they are delivered.

Declamation and rehearsal privately before the Professor by all who wish.

It is the aim of the Department to give good power of expression in both writing and speaking to all who choose to avail themselves of the advantages offered. Enthusiasm is awakened by requiring all efforts to be made before the whole body of students and by prizes awarded, among competitors selected for regularity and proficiency, and appearing at a special exhibition.

Department of Civil and Military Engineering and Tactics.

MAJOR GENERAL R. W. JOHNSON, U. S. A.

By a resolution of the Board of Curators a degree in Engineering will be conferred upon any student who completes and passes a satisfactory examination upon the following subjects, viz: Algebra, Geometry, Trigonometry, Surveying, Navigation, Mensuration, Analytical Geometry, Calculus, Mechanics, Astronomy, Chemistry, Mineralogy, Geology, Descriptive Geometry, Civil and Military Engineering and Tactics.

The course in Civil Engineering embraces full instruction in regard to the construction of common roads, pikes, gravel roads, railroads, bridges, canals, slack water navigation, improvements of rivers, harbors, &c. Under the head of Military Engineering is embraced full and complete instruction in regard to the construction of Temporary or Field Fortifications, Permanent Works, attack and defense, duties of guards, outpost or picket service; theoretical and practical instruction in the school of the soldier, company and battalion, sabre exercise, nomenclature of heavy guns, &c. The pursuit of these various branches is optional with the student, but practical instruction in the school of the soldier, company and battalion is enjoined upon all, unless, under peculiar circumstances, excused therefrom by the Faculty.

All students are required to provide themselves with a neat and durable uniform, prescribed by the Board of Curators, unless excused from so doing by the Faculty.

In attendance upon the drills, students lose no time from their appropriate studies. The drills are short and the military duty required of students involves no hardships or fatigue. The Military drill is a health-giving exercise tending in a great measure to the development of the *physique* of students.

The entire body of students is divided into companies; each company is officered by one Captain, one First Lieutenant, one Second Lieutenant, with a proper number of Sergeants and Corporals. The officers and non-commissioned officers are distinguished by appropriate badges.

The officers are selected from the Senior, the Sergeants from the Junior and the Corporals from the Sophomore class.

These appointments are conferred by the President of the University as honorary distinctions and are continuous for the collegiate year, unless forfeited by misconduct.

PRIZES.

The STEPHENS Prize founded by J. L. STEPHENS, Esq., of Columbia, will be given each year in the form of a Gold Medal of the value of \$50, to the member of the graduating class adjudged to be the finest Orator on Graduation day.

The CASE PRIZES four in number will be awarded to the best speakers from sixteen competitors, selected from the body of the students below the Senior class, who shall appear at a public exhibition on the evening preceding Commencement.

The MOSS PREWITT Prize for 1869, of \$10, will be given to that student of the Sophomore class who shall sustain the best general examination in Analytical Geometry and Calculus.

The Department Prizes in Rhetoric will be given to the members of the Freshman class who prepare the best Essays upon one of the subjects:

1. What books should students read?
2. England, in the time of King Alfred.

ADMISSION.

In order to admission into the University, each student is required by ordinance of the Curators, to present to the President a certificate from the Treasurer of the Board, that his bill for tuition and contingencies has been paid; and no drawback is allowed for absence in any case:

When an applicant for admission into the University has been connected with any other incorporated seminary, he should present satisfactory evidence to the Faculty of an honorable standing in the Institution from which he comes.

It is highly important that students should be present at the opening of the session, since the loss of a few days at the beginning, breaks the connection of their studies, and occasions material embarrassments.

COLLEGE OF NORMAL INSTRUCTION.

The Constitution of the State of Missouri prescribes that there shall be established and maintained in the State University a department of instruction in teaching.

The Normal College, like a Law College, is a professional school. Its distinct design is to prepare teachers for their peculiar vocation. The elementary branches will be thoroughly taught and reviewed in the preparatory department, while in the Normal School proper, prominence will be given to the *principles and methods, the theory and practice of teaching.*

The only hope of improving our schools is by improving our teachers. Here is the very first step for the advancement of popular education; and this is the direction of effort now everywhere made on the part of its friends. Good schools through the ministrations of ignorant and unskilled teachers are impossibilities. Missouri must arouse herself on this subject, or stand behind every State now moving in the line of progress and improvement.

The normal training school is the admitted and recognized agency for the improvement of the methods of teaching. The teacher is here educated with special reference to his work, and imbued with the inspiration of his calling. If but a single thoroughly trained teacher could be planted in each county of the State, the influence would soon reach every school house.

Mr. RICE, the Superintendent of Instruction in the State of New York, in a recent communication makes the following striking declaration: "That it would have been a saving in the expenditure of money, and far better for the schools of the State, had a hundred thousand dollars been annually, during the past twenty years, deducted from the sum apportioned to school districts, and applied to the support of normal training schools." If such a deduction for this purpose would be a benefit to the common schools of New York, where there exist so many means for preparing teachers, how much more beneficial would an appropriation of this kind be in Missouri?

The connection of the Normal College with the University affords, through a concentration of educational facilities, many ad-

vantages not enjoyed by isolated Normal Schools. Pupils will, while pursuing their regular studies, have an opportunity of attending such lectures and recitations of the University course as they may desire. They will also have the full benefit of Libraries, Cabinets and societies connected with the institution.

The degree of "Normal Graduate" will be conferred upon all those who complete the course of the College of Normal Instruction.



COUNTY STUDENTS.

By the following law, certain students are exempted from payment of fees of tuition. Chapter 45, page 254, General Statutes.

Sec. 53. The County Court of the several counties in this State shall, during the regular term of their respective County Courts in the month of May, A. D., eighteen hundred and sixty-seven, and every two years thereafter, proceed to select one boy to every representative to which each of said counties are entitled, between fourteen and twenty years of age, of intelligence, talents, steady habits and good moral character, as a candidate for admission as a student into the State University of Missouri.

Sec. 54. Said candidates when selected, shall be sent to the University at the commencement of the next session after he is selected, under his written pledge that he will teach school for at least two years, within the State of Missouri.

Sec. 55. Duplicate reports of said selections shall be made out by the Clerk of said county courts, in the counties in which selections are made, under the seal of said Court, one of which shall be forwarded to the Superintendent of Public Schools, by him to be kept in his office, and the other to the President of the University to be filed and recorded in the office of the Secretary of the Board of Curators.

Sec. 56. Whenever the report of the several County Clerks of the counties from which selections are made, shall be made to the President of the University, and filed and recorded by the Secretary of the Board of Curators, the candidate selected for admission from such county, shall be received as a student of the University, and shall be admitted to all the privileges enjoyed by other students, free of charge for two years, and no longer.

STATE TEACHERS' INSTITUTE.

A Normal Teachers' Institute will be held at the University during the first week of September, at which instruction will be given in the theory and practice of teaching.

MODEL SCHOOL.

The Model School in connection with the Normal Department is intended to be an exemplar of a perfectly graded public school, which normal pupils may visit in order to witness the best methods of instruction and of school management. Here each member of the Normal School will have an opportunity to teach under the supervision of the Principal. Here he can test, practically, the value of those theories which he may have learned during his course of study. It is hoped that families in Columbia will avail themselves of this school, both for the advantages to their children, which it is designed to afford and as well to give encouragement and aid to a most important State enterprise.

The charges per term of twenty weeks, will be

Primary Grade.....	\$ 6 00
Intermediate	9 00
Grammar School.....	12 00
High School.....	15 00

AGRICULTURAL DEPARTMENT.

By the State Constitution, the Legislature is required to establish and maintain an Agricultural Department in the University.

In order to afford the means of carrying out this provision, the State Executive has repeatedly recommended that the lands granted to the State by Congress for the support of a College of Agriculture and the Mechanic Arts should be given for this object required by the Constitution. To this end, at the recent session of the Legislature a bill passed the Senate, and obtained a considerable majority of the votes cast in the House, but did not become a law in consequence of failing to obtain a majority of the votes of all the members of the House, as required by the Constitution.

A growing public sentiment throughout the State leaves little doubt that the next Legislature will dispose of the land-grant in such way as to fulfill the obligations of the Constitution in regard to the University, and at the same time most speedily and efficiently carry out the object of the grant.

ENTOMOLOGY.

Prof. RILEY, the State Entomologist, has consented to act as lecturer on Entomology in the University. The whole body of students will have the advantage of attending these lectures and receiving instructions in this department of natural science.

APPARATUS, CABINET OF MINERALS AND LIBRARY.

The outfit of Instruments and other facilities for illustrating the principles of Natural Philosophy, Chemistry, and the cognate branches, has been increased from year to year, and is now very full and complete.

The Cabinet has been greatly augmented from time to time, and particularly by additions made by order of the General Assembly, through the State Geologist.

Yearly additions to the Cabinet will continue to be made during the progress of the Geological Survey. Its size and value at present are increased by many valuable specimens belonging to Professors Swallow and Norwood.

The number of specimens in the Cabinet is about 500,000.

The Library is regularly improving, partly by purchase, and partly by presents from the General Government of sundry valuable works. The number of volumes in the Library of the University is about 3,000; the number of volumes in the Libraries of the two Literary Societies, 1,000; total number of volumes 4,000.

EXAMINATIONS, HONORS AND DEGREES.

There are four Examinations in the University :

1. An Examination of the new students is held at the beginning of the session for the purpose of ascertaining their scholarship, and assigning them to the classes for which they may be qualified.

On the occasion of these Examinations, the Faculty generally recommend the full course of study to students whose age and means render such a course advisable.

2. An intermediate Examination of all the classes, partly oral and partly in writing is held about the middle of February.

3. An Examination of the Senior Class is held during the second week in June, in order to determine what members are qualified for graduation.

4. A general Examination of all the other classes is held during the last week in June, for the purpose of ascertaining the progress of the students, and deciding what students shall be promoted to higher classes.

Each candidate for graduation is required to prepare a Thesis, —Oration or Essay—which may be delivered or not, at the discretion of the Faculty. The usual College honors, appropriate to each of the FIRST Academic degrees, are awarded by the Faculty amongst the Graduates.

The regular degrees are Bachelor of Science, conferred upon those who satisfactorily pass through all the College Departments, but that of Ancient and Modern Languages ; Bachelor of Arts upon those who thus pass through ALL the Departments ; and Normal Graduate upon those who complete the Course of the College of Normal Instruction.

The degree of Master of Arts is also conferred, three years or more after graduation, upon such Bachelors of Arts as pursue a professional or literary career.

The Curators can, of course, in addition to these, confer any of the usual Honorary Degrees and Titles.

DISCIPLINE, LEAVE OF ABSENCE, &C.

The Discipline of the University is intended to be mild and suasive, as far as circumstances permit. If, however, students manifest such moral obliquities; or such idleness, as render them unworthy members of the body collegiate, they are returned to their friends without exposure, when it is practicable so to do; and it is only in cardinal offenses that the Faculty resort to PUBLIC and EXEMPLARY punishment.

When a student enters the University, the discipline of the Institution allows him a credit of one hundred merit marks; and he is charged on the record with such demerit marks as arise from misdemeanors, and neglect of college duties. When it is ascertained, that his demerits reach twenty-five, he is admonished, and a letter of notification is sent to his parent or guardian. When the number of demerits reaches fifty and seventy-five, the same course is pursued; and when the number reaches one hundred he is excluded from the Institution by the operation of law, which is rendered effective by an announcement of the fact by the President.

When a student wishes to leave the University, either temporarily or permanently, he should confer with the President, in order that charges for absence may not accumulate against him, on the record of demerit. It is hoped that absences from the Institution for the purpose of visiting friends, &c., will be discouraged by parents and guardians, because such absences interrupt a student's progress, and greatly diminish the pleasure and profit of his literary pursuits.

In all cases of withdrawal, written authority from the parent or guardian will be required; and, as a very general rule, like authority will be required even to obtain a leave of absence. Parents and guardians are again urged not to encourage withdrawals; nor to permit them save from controlling reasons.

LITERARY SOCIETIES.

There are three Societies connected with the University, viz: "The Athenæan," "The Union Literary," and the "Society of Alumni." The Athenæan and Union Literary Societies have spacious and well furnished halls in the University edifice, and hold weekly meetings for improvement in debate, oratory and composition. At the close of the sessions, they have exhibitions, which consist of original addresses, and the conferring of diplomas upon such of the members as belong to the graduating class.

The Society of Alumni is composed entirely of graduates of the University. It holds an annual meeting on the day before Commencement, and is addressed in the college chapel by an orator, previously selected from its own body.

The objects of this Society are the promotion of education, especially in the halls of Alma Mater; the reunion of early friends and co-laborers in literary pursuits; and the revival of those pleasing associations which entwine themselves about academic life.

PUBLIC EXHIBITIONS.

The Exhibition of the Junior class is held in the college chapel on the last Friday in April.

The Literary Societies give public Exhibitions sometime during the second Semester.

Prize declamation occurs on the evening preceding Commencement.

During Commencement week orations are delivered before the Literary Societies and the Society of Alumni, and on graduation day orations are delivered by members of the graduating class.

SESSIONS, VACATIONS AND EXPENSES.

The Annual Session begins on the third Monday of September, and continues forty weeks.

Commencement occurs the last Wednesday in June.

The Annual vacation is from commencement till the third Monday of September.

A recess of one week is taken during the Holidays.

Tuition fees, in all Departments, per session, \$40.

Board in private families, with lodging, washing and fuel, may be obtained from \$4,00 to \$5,50 per week.

By forming clubs this amount may be reduced to \$1,50 or \$2,00.

The allowance for clothing, books and pocket money, will vary with the character of the student. It is hoped that parents will bear in mind that too liberal an allowance of money exposes a youth to temptation, interferes with his habits of study, and adds nothing to his happiness.

BOARDING CLUBS.

It is a prime object to reduce the rates of boarding and other expenses of the University to the lowest possible limits, so that young men of energy, who are also inspired with the love of learning, may be able to make their own way. This is now actually the case with a number of young men, while others receive but a small amount of assistance from friends.

Boarding is the chief expense of the student. In order to reduce this item, three cottages have been erected at the expense of the University.

These cottages are occupied at a small rent by a club of *thirty-two* students who hire their own cook, make their own regulations, choose their own officers each month, and live comfortably at from \$1,50 to \$2,00 per week. Each student furnishes his own room which may be done at cheap rates. If convenient, he may bring his furniture, at least in part, from home.

All can bring bed-clothing, and had better do so.

It is to the determination of the Board of Curators to provide means, either by hiring buildings or erecting additional cottages, for the formation of two more boarding clubs, upon the same plan as that already formed, so that all who may desire, may be able to avail themselves of the reduction of expenses secured in this way. Very young students or those incapable of taking care of themselves ought not to enter the boarding club. While the President and Professors frequently visit the rooms of the club, the police duty devolves mainly upon the young men themselves, and is more effectively carried out than it could be by the Faculty. Their rules are strict, and students of known shiftless ways or noisy habits are not admitted; or if admitted, are soon cut off. Good behavior and quiet habits are indispensable—and none other than those possessing these characteristics can enter or continue members of the club.

The club meets once a week in the University; its officers are a President, Censor, Treasurer and Commissary.

It ought to be remarked that the health of the members of the club has been above the average of the students of the University.

The plan has been a complete success—is popular among the students and has attracted much attention throughout the State. It is a full solution of the question—how may boarding be secured at the lowest rate and in a manner most satisfactory to the student.

SITE.

The University is situated near the center of the State, at Columbia, in a beautiful and picturesque lime-stone region, on the elevated rolling table land lying back from the north side of the Missouri river; and were the selection of a site to be made anew, perhaps no spot in the State could be found, combining more desirable elements, as the seat of the State University. The town contains about three thousand inhabitants; and in its healthfulness and scenery, and especially those social, moral, and religious influences which tend to preserve the character of young men, and promote among them gentlemanly conduct, good order, and studious habits, can hardly anywhere be surpassed.

The mode of reaching Columbia is by railroad—the North Missouri to Centralia, and branch to Columbia; by the river a great portion of the year, the landing being at Providence, ten miles from Columbia; and also by the Pacific railroad, with stage conveyance, thirty miles, from Jefferson City.

Further information, if desired, can be had by addressing the President or any of the Professors.

SPHERE AND OBJECT OF THE UNIVERSITY.

The State of Missouri in devising a scheme of public education provides in the Constitution as follows :

"Sec. 1. A general diffusion of knowledge and intelligence being essential to the preservation of the rights and liberties of the people, the General Assembly shall establish and maintain free schools for the gratuitous instruction of all persons in this State between the ages of five and twenty-one years."

"Sec. 4. The General Assembly shall also establish and maintain a State University, with departments of instruction in teaching, agriculture, and in natural science, as soon as the public school fund will permit."

Thus it will be seen, the State has made free schools and a State University part of the same system ; and the object is declared in the preamble of the provisions on the subject, to be "a general diffusion of knowledge and intelligence," and this as "essential to the preservation of the rights and liberties of the people." The end to be secured is the highest possible one that can be held up before a free people.

The University of the State of Missouri was chartered by the Legislature during the session of 1838-39 and went into full operation on the 4th of July, 1813. The annual income of the proceeds of "the seminary lands," that is, of lands granted to the State by Congress for the perpetual support of a Seminary of learning, was set aside for the support of the University.

The University edifice—a spacious, tasteful and commodious building—was erected at an expense of \$85,000, by the liberality of the citizens of Boone county, in which it is located.

Until the past two years the only department of the University established, and in operation, has been the College of Science and Letters. As such it has afforded to students, the educational advantages ordinarily enjoyed in similar institutions.

The whole number of graduates in this time is about 200, besides a much greater number who have been educated in the University, but who on account of deficiency in some part of the full course, have not been admitted to graduation.

The new Constitution in accordance with the spirit of pro-

gress requires the University to be established and maintained with other departments, viz : of instruction in teaching, in agriculture and in natural science.

The Constitution manifestly contemplates and intends a University to include various departments or Colleges, three of which, in addition to the department already existing, are specified.

The Board of Curators two years ago established a College of Normal Instruction, which has been since in successful operation, and at the coming commencement will graduate its first class.

The grant of lands to the State for the establishment of a College of Agriculture and the Mechanic Arts constitutes in the hands of the Legislature a "public school fund" which will enable that body to fulfill the noble provision of the Constitution by the speedy establishment of the Agriculture College, with schools of Engineering, mining and metallurgy, and analytic chemistry, which with the departments already established, and others which from time to time shall be established, will constitute a great University, almost in the very heart of the State, to which the sons of Missouri may resort for the instruction they may need, in all branches of human knowledge.

The Names of Officers and Non-Commissioned Officers
 OF THE
 UNIVERSITY BATTALION 1868-69.

First Lieut. and Adg't. J. W. Prather.	
Serg't. Major J. C. Hearn.	
Capt. Prosser K. Ray,	- - - - - Co. A.
Capt. J. W. Baker,	- - - - - Co. B.
First Lieut. B. H. Runyan,	- - - - - Co. B.
First Lieut. J. G. Waples,	- - - - - Co. A.
First Serg't. F. M. Houts,	- - - - - Co. A.
First Serg't. E. Penter,	- - - - - Co. B.
Sergeant R. W. Dorsey,	- - - - - Co. A.
Sergeant O. L. Houts,	- - - - - Co. B.
Sergeant J. F. Robinson,	- - - - - Co. A.
Sergeant G. W. Crowe,	- - - - - Co. B.
Corporal John Duncan,	- - - - - Co. A.
Corporal E. L. Runyan,	- - - - - Co. A.
Corporal S. C. Douglass,	- - - - - Co. B.
Corporal W. D. Hancock,	- - - - - Co. B.

DEGREES CONFERRED.

JUNE, 1868.

A. M.

Hon. S. B. Elkins,	- - -	Santa Fe, New Mexico.
Thomas B. Catron, Esq.,	- - -	Santa Fe, New Mexico.
R. C. Carter, Esq.,	- - -	Dover, Mo.
Jerre C. Cravens, Esq.,	- - -	Little Rock, Ark.
Leonidas Scott,	- - -	
Rev. Wm. C. Dawson,	- - -	Lexington, Mo.
Hon. J. H. Overall,	- - -	Macon, Mo.
R. T. Prewitt, Esq.,	- - -	Columbia, Mo.
J. W. Daniel, Esq.,	- - -	Mexico, Mo.
C. C. Torbit, Esq.,	- - -	Rocheport, Mo.

A. P. HONORARY.

Lieut. Socrates Hubbard, U. S. N.	- - -	Columbia, Mo.
Prof. W. H. Lynch,	- - -	Texas Co. Mo.

A. B. IN COURSE.

Z. T. Arnold,	- - -	Paris.
W. A. Lientz,	- - -	Rocheport.
W. H. Turner,	- - -	Chillicothe.

B. S. IN COURSE.

R. Gentry,	- - -	Columbia.
J. S. Hamm,	- - -	Weston.
G. M. Horn,	- - -	Arrow Rock.
A. S. Robards,	- - -	Hannibal.

HONORS OF THE CLASS OF 1868.

Valedictory—W. H. Turner,	- - -	Chillicothe.
Salutatory—W. A. Lientz,	- - -	Rocheport.
Scientific Honor—Richard Gentry,	- - -	Columbia.

PRIZES AWARDED AT COMMENCEMENT 1868.

- Stephens' Prize in Oratory.*—W. A. Lientz, Rocheport.
- Case Prizes in Declamation.*—1. J. B. Johnson, Louisiana.
2. W. D. Hancock, Sedalia, and W. A. Wight, Milton. 3. J. W. Baker, Columbia. S. B. Bradford, Savannah.
- Senior and Junior Mathematical Prize.*—H. D. Robinson, Hickman, Ky.
- Sophomore Mathematical Prize.*—Thos. W. Carter, Mexico, and Fred. W. Hamm, Weston.
- Department Prize for English Composition, on "The history and value of Photography."*—Eli Penter and J. F. Robinson, Columbia.
- On "The influence of Manufacturing Establishments in a Community."*—B. F. Sanders, Stewartsville.

HONORS OF THE CLASS OF 1869.

Valedictory—Prosser K. Ray, - - - - Carrollton.
 Scientific Honor—John G. Waples, - - - - Chillicothe.

CALENDAR—1869-70.

1869.

September 20th—Monday, Session Opens.
 September 23d—Thursday, Model School Opens.
 December 22d—Wednesday, Recess for Holidays.

1870.

January 3d—Monday, Reopen after Holidays.
 January 17th—Monday, Subjects for Junior Exhibition and Commencement, presented.
 February 8th—Tuesday to } Semi-Annual Examination.
 February 11th—Friday, }
 February 14th—Monday, Second Semester Opens.
 March 21st—Monday, Junior Ex. Orations presented.
 April 22d—Friday, Junior Exhibition.
 April 25th—Monday, Commencement Orations Presented.
 May 2d—Monday, Honors Announced.
 May 13th—Friday, Prize Declaimers Appointed.
 June 21st—Tuesday, to } Annual Examination.
 June 24th—Friday, }
 June 28th—Tuesday, Prize Declamation.
 June 29th—Wednesday, Graduation Day.

ERRATA.

For Richmond, page 3, as the residence of Hon. J. W. Sutherland, read Kirkwood. For John M. Richardson, Freshman, page 6, read John C. Richardson. For Charles A. Milliken, Class A. page 6, read Cicero A. Milliken. For D. W. King, Class C, page 7, read D. W. Wing. For T. M. Connaway, Senior, page 9, read J. M. Connaway. For A. Berlin'er, Junior, page 9, Stuttgart, Germany, read Stuttgart, Germany.

UNIVERSITY OF MISSOURI - COLUMBIA
ANX 306148
378.7M71 H 1868/1872



010-011677599

378.7M71

H

1868-72

cop. 1

University of Missouri Libraries
University of Missouri

MU Catalogs

Source information

Identifier	MU-Catalog-1869-Announcement-1869
Barcode	010-011677599
Format	Book
Content type	Text
Notes	Digitized duplicate copy not retained in collection. Pages 19-22 missing. Scans taken from different version (010-014609122).

Capture information

Date captured	2018 October
Scanner manufacturer	Ricoh
Scanner model	MP C4503
Scanning software	
Optical resolution	600 dpi
Color settings	8-bit greyscale
File types	Tiff
Notes	

Derivatives - Access copy

Compression	LZW
Editing software	Photoshop
Resolution	600 dpi
Color	8-bit greyscale
File types	Tiffs converted to pdf
Notes	Image editing: pages lightened, contrast increased, and noise removed.