

UNIVERSITY

OF THE

STATE OF MISSOURI.

1867.



COLUMBIA:
WM. F. SWITZLER, PUBLISHER.
1867.



ANNUAL ANNOUNCEMENT

OF THE

University of the State of Missouri,



CONTAINING

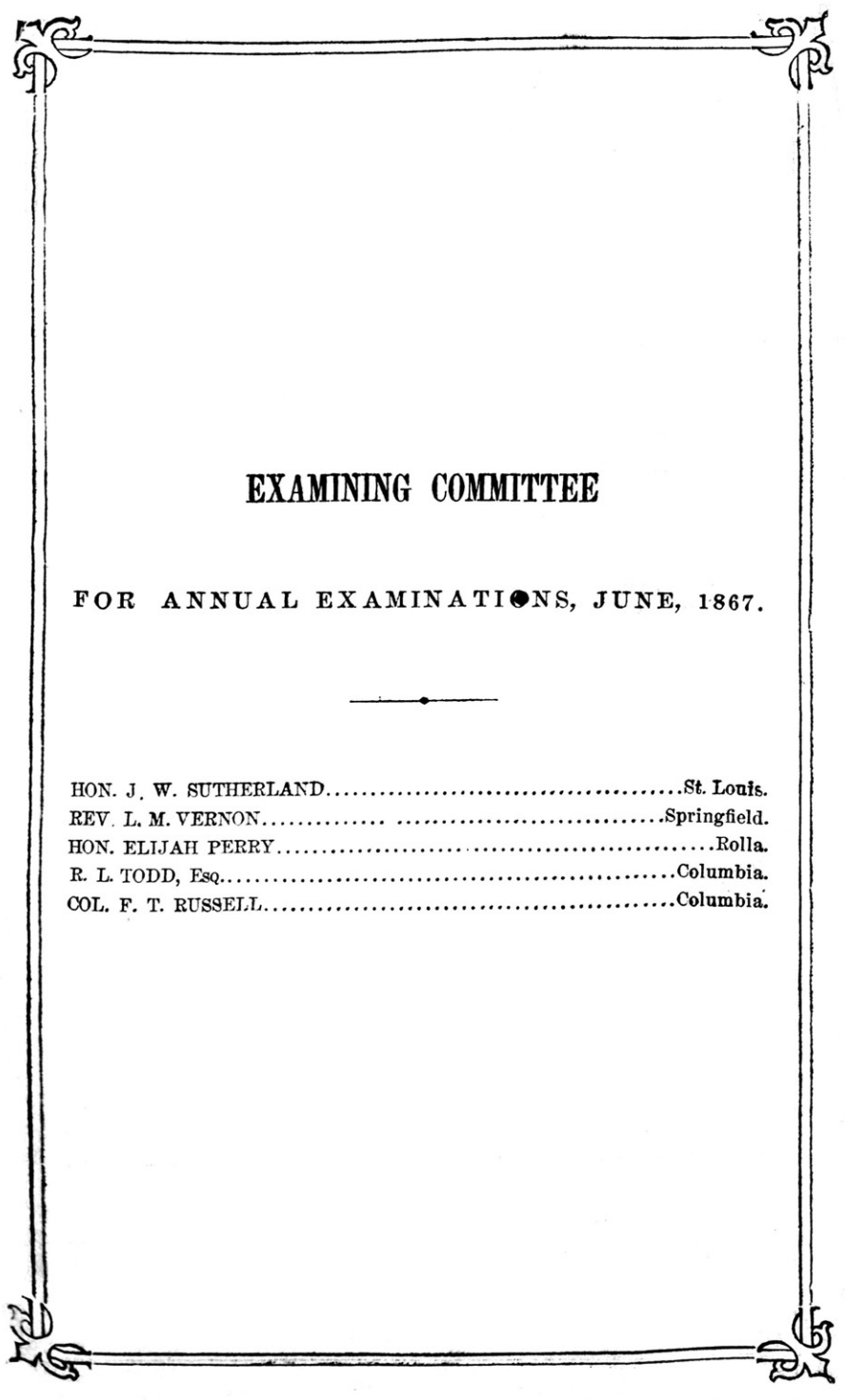
CATALOGUE OF OFFICERS AND STUDENTS.

FOR THE YEAR ENDING JUNE, 1867.

COLUMBIA.

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WILLIAM F. SWITZLER, PUBLISHER.
1867.





EXAMINING COMMITTEE

FOR ANNUAL EXAMINATIONS, JUNE, 1867.

HON. J. W. SUTHERLAND.....St. Louis.
REV. L. M. VERNON.....Springfield.
HON. ELIJAH PERRY.....Rolla.
R. L. TODD, Esq.....Columbia.
COL. F. T. RUSSELL.....Columbia.

CURATORS.

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REV. HENRY A. NELSON,	First District,	St. Louis.
HON. ELIJAH PERRY.	Second District,	Rolla.
HON. J. W. SUTHERLAND,	Second District,	Kirkwood.
J. M. WOODS,	Third District,	Wayne County.
VACANCY.		
J. W. MATTHIAS,	Fourth District,	Springfield.
ANDREW J. SHEPARD,	Fourth District,	Carthage.
COL. J. H. BAKER,	Fifth District,	Boonville.
HON. GEO. R. SMITH,	Fifth District,	Sedalia.
COL. THEO. S. CASE, M. D.,	Sixth District,	Kansas City.
HON. A. J. BARR,	Sixth District,	Richmond.
HON. L. M. LAWSON,	Seventh District,	St. Joseph.
HON. PHILEMON BLISS,	Seventh District,	St. Joseph.
B. F. NORTHCUTT,	Eighth District,	Chillicothe.
EUGENE WILLIAMS,	Eighth District,	Memphis.
GUSTAVE BRUERE,	Ninth District,	St. Charles.
HON. PAUL HUBBARD,	Ninth District,	Columbia.
MOSS PREWITT,	Boone County,	Columbia.
ELD. THOMAS M. ALLEN,	Boone County,	Columbia.
FRANCIS T. RUSSELL,	Boone County,	Columbia.
ROBERT L. TODD,	Boone County,	Columbia.

OFFICERS OF THE BOARD.

MOSS PREWITT,	- - - - -	<i>President.</i>
R. L. TODD,	- - - - -	<i>Secretary.</i>
J. H. WAUGH,	- - - - -	<i>Treasurer.</i>

COLLEGE OF SCIENCE AND LETTERS.

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.

GEORGE H. MATTHEWS, A.M.,
Professor of Ancient Languages, 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.

C. H. CROWELL,
Principal of the Preparatory Department.

D. W. B. KURTZ, A.B.,
Tutor in Latin, Mathematics, &c.

COLLEGE OF LAW.

FACULTY.*

COLLEGE OF NORMAL INSTRUCTION.

FACULTY.*

*Faculties of these departments will be filled before the opening of the next term.

STUDENTS.

SENIORS.—CLASS OF 1867.

C. JOHN T. ALDRIDGE,	Glasgow.
S. THOMAS A. ARNOLD,	Columbia.
C. B. WOOD BADGER,	Columbus, Ky.
C. W. LENOIR CHURCH,	Columbia.
S. JOSEPH COMBS,	Boonville.
C. M. ALLEN ELSTON,	Columbia.
S. JAMES R. EVANS,	Bridgeton.
S. LUKE EVANS,	Bridgeton.
S. WILLIAM C. GRAINGER,	Warrensburg.
C. GARDINER LATHROP,	Columbia.
C. LEWIS C. NELSON,	Boonville.
S. WILLIAM C. RIDGEWAY,	Columbia.
C. EDWARD W. STEPHENS,	Columbia.

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JUNIORS.—CLASS OF 1868.

S. WILLIAM E. EVANS,	Rocheport.
S. THOMAS T. GARNETT,	Petra.
S. RICHARD GENTRY,	Columbia.
S. JACOB S. HAMM,	Weston.
S. GIVENS M. HORN,	Arrow Rock.
C. WILLIAM A. LIENTZ,	Rocheport.
S. ARCH. S. ROBARDS,	Hannibal.
C. WILLIAM H. TURNER,	Chillicothe.

S.

SOPHOMORES.—CLASS OF 1869.

S. EDWARD T. BULLOCK,	Columbus, Ky.
S. DAVID H. CLINTON,	Nevada City.
S. WILLIAM A. CRAWLEY,	Keytesville.
S. CARY H. GORDON,	Columbia.
C. DAVID H. HICKMAN,	Columbia.
C. JOHN W. PRATHER,	Hickman, Ky.
C. PROSSER K. RAY,	Carrollton.
S. H. D. ROBINSON,	Hickman, Ky.
C. BENTLEY H. RUNYAN,	Columbia.
S. ADOLPHE C. TAYLOR,	St. Louis.
S. SHERROD W. TURNER,	Sturgeon.

S. JOHN G. WAPLES,.....	Chillicothe.
C. DAVID H. WILHITE,.....	Rocheport.
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FRESHMAN.—CLASS OF 1870.

S. JOHN W. BAYNHAM,.....	New Bloomfield.
S. JAMES F. GRAVES,.....	High Hill.
S. FRED. W. HAMM,.....	Weston.
S. OLIVER L. HOUTS,.....	Warrensburg.
S. P. G. LIGON,.....	Dover.
S. WILLIAM P. LONG,.....	Old Mines.
S. CLINTON B. SEBASTIAN,.....	Columbia.
	7.

SUB-FRESHMAN.

S. JAMES M. BAKER,.....	Columbia.
C. JOHN W. BAKER,.....	Columbia.
S. W. W. CARPENTER,.....	Knob Noster.
C. SHANNON C. DOUGLASS,.....	Columbia.
C. JOHN H. DUNCAN,.....	Columbia.
S. JOHN F. GORDON,.....	Columbia.
C. JAMES F. HURT,.....	Mexico.
S. EVERMONT E. JOHNSON,.....	Columbia.
S. JAMES W. LYON,.....	Columbia.
S. WILLIAM A. NOBLE,.....	Weston.
S. WILLIAM PROWELL,.....	Sturgeon.
C. JOSEPH F. ROBINSON,.....	Columbia.
C. WILLIAM A. ROBINSON,.....	Columbia.
C. ELGIN L. RUNYAN,.....	Columbia.
C. GEORGE T. SETTLE,.....	Bridgeton.
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PREPARATORY.

ARTHUR H. ALDRIDGE,.....	Columbia.
SAMUEL H. BEATTIE,.....	Columbia.
CHARLES A. BLACKWELL,.....	Florissant.
WILLIAM H. BOND,.....	Columbia.
GEORGE CASON,.....	Columbia.
WILLIAM H. CAVE,.....	Columbia.
HENRY E. CHEATHAM,.....	Blackwell.
DAVID T. COPHER,.....	Columbia.
LUTHER M. CRUMBAUGH,.....	Columbia.
CHARLES D. DURHAM,.....	Hanover.
S. C. S. DURHAM,.....	Hanover.
HARVEY J. FOUTS,.....	St. Joseph.
GEORGE W. GALLANAR,.....	Columbia.
IRVIN GORDON,.....	Columbia.
SCOTT GORDON,.....	Columbia.
TURNER S. GORDON,.....	Columbia.
Z. F. HIGGINBOTHAM,.....	Blackwell.
JAMES H. HORNER,.....	Columbia.
E. M. HULTZ,.....	Columbia.

SAMUEL L. LONG,.....	Old Mines.
RICHARD C. MAGRUDER,.....	San Francisco, Cal.
W. WOODSON MOSS,	St. Louis.
MOSS P. NEWMAN,.....	Columbia.
CHARLES J. NORWOOD.....	Columbia.
G. BINCAM ROLLINS,.....	Columbia.
CURTIS B. ROLLINS,.....	Columbia.
FRANK L. RUSSELL,.....	Columbia.
WILLIAM M. SCOTT,.....	Columbia.
HERMAN V. TRIGG,.....	Arrow Rock.
JOSEPH C. WATERS,.....	Columbia.
JOSHUA WORLEY,.....	Carroll Par., La.

SUMMARY.

Seniors,	13
Juniors,	8
Sophomores,	3
Freshmen,	7—41
Sub-Freshmen,.....	—15
Preparatory,	—31 46
	—
Total,	87

GRADUATES OF 1867.

CLASSICAL.

HONORS.

- First Honor—*Valedictory*—GARDINER LATHROP, Columbia.
 Second Honor—*Salutatory*—M. ABLEN ELSTON, Columbia.
 Third Honor—*Philosophical Oration*—E. W. STEPHENS,
 Columbia.

JOHN F. ALDRIDGE, - - - - -	Columbia.
B. W. BADGER, - - - - -	Columbus, Ky.
W. LENOIR CHURCH, - - - - -	Columbia.
LEWIS C. NELSON, - - - - -	Boonville.

SCIENTIFIC.

- Honor—*Ethical Oration*—W. C. GRAINGER, Warrensburg.
 THOMAS A. ARNOLD, - - - - - Columbia.
 JAMES R. EVANS, - - - - - Bridgeton.
 LUKE EVANS, - - - - - Bridgeton.

COURSE OF INSTRUCTION.

CLASSICAL AND SCIENTIFIC.

PREPARATORY.

English Grammar, Geography, Arithmetic, [Ray], Algebra, [Davies' Elementary], U. S. History, Latin Grammar, Latin Reader, [Bullions], Cæsar, Greek Grammar and Reader, [Bullions].

SUB-FRESHMAN.

English Analysis, [Green], Outlines of History, [Worcester].
Algebra, [Loomis'], thro' Quadratics.
Geometry, [Loomis'], four books.
Greek Reader.
Sallust and Virgil.

FRESHMAN.

Algebra, [Loomis'], completed, Geometry completed.
Elocution, [Sargent's Intermediate Speaker].
Rhetoric and Composition, [Quackenbos].
Latin, [Livy].
Greek.

SOPHOMORE.

Trigonometry, Surveying, Navigation, Analytical Geometry.
Latin,
Greek.
German and French [optional].

JUNIOR.

Mechanical Philosophy, Astronomy.
Latin.
Greek.
Rhetoric, [Blair].
Physics, Chemistry of non-metallic substances.

SENIOR.

Mental Philosophy, [Haven.]
International and Constitutional Law, [Kent.]
British Constitution, [Creasy.]
Rhetoric, [Day]; Logic, [Coppee.]
English Literature, [Shaw.]

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 YEAR.

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 [Day] ; 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.

DEPARTMENT OF MENTAL, MORAL AND POLITICAL PHILOSOPHY.

THE PRESIDENT.

SENIOR YEAR.

First Semester.—Mental Philosophy, Haven as the Text Book, with Lectures.

International and Constitutional Law. Kent's Commentaries with Lectures. Hamilton's Metaphysics.

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-Metallie 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 discuss 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, Palaeontology; 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 Meteor-

ology 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.

DEPARTMENT OF ANCIENT LANGUAGES.

GEORGE H. MATTHEWS, A.M.

In this Department a suitable portion of the text in hand, is assigned the class, to be prepared by a careful reliance upon the principles of construction, aiming at the most comprehensive understanding of the author, attainable by the unaided efforts of the student himself. In the recitation room, the knowledge thus acquired, is corrected, if erroneous; and amplified, if defective, by a searching exegesis, embracing the principles of Construction, Historical, Mythological, Geographical and other allusions, with elucidations of the characteristics which distinguish the author's style.

COURSE OF STUDIES.

Candidates for admission to the Freshman Class will be required to stand an examination upon the following books or their equivalents :

Latin Grammar, [Bullions.]

Latin Reader, entire, [Bullions.]

Cæsar's Commentaries, three books.

Sallust's Conspiracy of Cataline, or two books of Virgil's *Æneid*.

Greek Grammar and Greek Reader, entire, [Bullions.]

Extract from the *Anabasis* in First volume *Græca Majora*.

FRESHMAN YEAR.

First Semester.—Latin, select Orations from Cicero.

Latin, Sallust's Jugurthine War,

Greek Cyropædia, N. Test. Isocrates.

Second Semester.—Latin, Livy begun; Six books Virgil's *Æneid*,

Greek, Xen. Mem. and extracts from Aristotle.

Latin, Prose Composition and Geography.

SOPHOMORE YEAR.

First Semester.—Latin, Livy finished, Sat. of Horace.

Greek, extracts from Dem. de Corona and Olynthiac Orations, Thucydides.

Second Semester.—Latin, Horace Epis. Ars. Poetica, Odes begun.

Greek, Theocritus, Homer Odys. begun.

Greek, Prose Composition, and An. Geography.

JUNIOR YEAR.

First Semester.—Latin, Odes of Horace finished, Tacitus.

Greek, Homer finished, Euripides' Medea. Arnold's Grammar and Prose Composition.

Second Semester.—Latin, Juvenal, extracts from Cicero.

Greek, Oed. Tyrannus of Sophocles, and the Clouds of Aristophanes.

The Prosody of the poets, both Latin and Greek, carefully studied.

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.

Second Semester.—Loomis' Geometry.

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.

In this Department a Prize of \$25 has been established by Mr. JOHN T. ALDRIDGE. It will be awarded next year to the best Mathematician of the Senior and Junior classes, and called the JOHN T. ALDRIDGE Mathematical Prize.

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 Sidereal Clock, a Transit Circle, an Altitude and Azimuth instrument, and a Transit Theodolite. Besides 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 Language and 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 take up Elocution by dictation lectures, with practice from Sargent's Speaker.

During the second Semester the Class will study the principles of Composition, with lectures and exercises; Parker's Aids and Quackenbos' Rhetoric are used as guides.

The Junior Class during the first Semester will study Blair's Rhetoric with lectures on the style of late authors.

The Senior Class complete Day's Rhetoric and Coppee's Logic during the first Semester, and Shaw's English Literature during the Second.

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 Rhetorical room, 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 Professor 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.

PRIZES.

By the liberality of JAS. L. STEPHENS, Esq., of Columbia, a Prize Fund of \$500 has been donated to the University, the proceeds of which, will be given, yearly, commencing with the next session, in the form of valuable books, to the member of the graduating Class, adjudged on Commencement Day, by a Committee appointed for that purpose, to be the finest Orator of his Class.

With like liberality, Prof. G. C. SWALLOW, has offered a prize of \$25 to the Student of the present graduating Class writing the best essay upon the application of science to Agriculture.

There are also established this year by Colonel THEO. S. CASE, of Kansas City, and to be continued, three prizes for Declamations to be competed for, at a public Exhibition, held during Commencement week by young men, selected from the body of the students, below the Senior Class for their excellence in elocutionary exercises during the year.

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.

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.

COLLEGE OF LAW.

The Board of Curators, at their recent meeting, resolved to establish a College of Law as a Department of the University.

It is expected that professors will be chosen, and the department fully organized, so as to be open to students, on the first Monday of November next. The Law session will last about four and a half months.

The advantage of competent and systematic instruction in the prosecution of legal studies is as manifest, as that in any other profession. Experience has demonstrated the fact, that better preparation for the bar may be attained in the Law School, in one year, than by office or solitary study in two or three years.

The students will be arranged in two classes: a Junior and Senior class, so that beginners as well as those somewhat proficient, including young practitioners, may have the advantage of courses adapted to their wants.

For teaching the practice the Moot Court will be chiefly relied on, in which the student will be familiarized with the application of legal remedies and the different forms of actions, the bringing of suits, the drawing of papers, and all the various steps in the preparation of a cause for trial; and then, with the trial, involving the application of the rules of evidence, the argument of counsel, the charge, the verdict, motion in arrest of judgment, writ of error, &c.

There will be daily instruction in the principles of the law, by lecture and recitation from text books.

The full course of instruction will embrace two annual sessions. Students will be entitled to the degree of Bachelor of Law upon completing the course and sustaining the proper examination. Students who by previous study and proficiency, are deemed qualified, will be at once admitted to the Senior Class.

The tuition fee is at present placed at the low rate of \$40 for the session, payable in advance; the Diploma fee is \$5.

It is intended that the course shall be especially beneficial to students intending to practice in Missouri and to young practitioners of the State.

It is hoped, the profession will appreciate this effort to establish a permanent Law College, as a part of the State University, and that the Senior members will be disposed to render their aid to the new institution, by the delivery before its members, of lectures on special legal topics.

COLLEGE OF NORMAL INSTRUCTION.

By the Constitution of the State of Missouri, there is required to be established and maintained in the State University, a department of instruction in teaching.

The Board of Curators, at their late meeting, resolved to establish this department, and to open it for pupils on the Fourth Monday of September.

A principal will be appointed at the earliest period practicable, to whom, with the President of the University, will be committed the organization of the department, and the adoption of the course of studies and exercises to be pursued.

Until a building for the Normal College shall be provided by the State, rooms will be set aside in the University edifice, and fitted up in the best manner of which they are capable, for the use of the department.

It should be understood, that the College of Normal Instruction is a professional department of the University, just as much as is the College of Law. Its distinct design is to fit teachers for their peculiar vocation.

While the elementary branches will be thoroughly taught, and reviewed in the normal course, just as mathematics and other elementary branches are taught in the U. S. Military Academy at West Point, as the indispensable prerequisite to the military art; the design of the department—to educate and train teachers as such, will be kept constantly in view, by the prominence given to instruction in the principles and methods of teaching.

MODEL SCHOOL.

There will also be opened in connection with the Normal Department, and under the special charge of its Principal, a Model School; the design of which is to present, as nearly as may be, a *perfect* school, conducted upon the best method as relating to discipline, classification and teaching; and exhibiting, if possible, the highest results. This school is intended to be an exemplar of a district school which normal students may visit in order to witness the best methods of giving instruction, and *handling* a school.

For the present, there will be accommodation but for the Pri-

mary and Intermediate grades, with seats for about eighty pupils.

It is trusted that families in Columbia, will avail themselves of this school, both for the advantages to their children, which it is designed to afford, as well as to give encouragement and aid to a most important State enterprise.

The charges per quarter will not be much, if any, in advance of other schools. It may be remarked, that wherever schools of this class exist in connection with institutions of normal instruction, demand for admission is invariably beyond the capacity to accommodate. From their end and design, they must be schools of the highest order.

Details as to charges, terms of admission, &c., will be announced after the Principal of the Normal College shall have been selected, and there shall be proper time for the necessary consultation.

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 every where made on the part of its friends. Good schools through the ministrations of ignorant and unskilled teachers is an impossibility. 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?

Teachers who would improve themselves in their studies, and learn the best method of instruction, are earnestly invited to become members of the College of Normal Instruction, in the University.

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 purchases, 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, is 1,000; total number of volumes 4,000.

Examinations, Honors and Degrees.

There are five 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.

5. An Examination of the classes in the College of Law will be held at the close of the Law session in March.

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; Bachelor of Laws upon those who pass satisfactory Examinations at the close of the Law Course; 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 tempo-

rarily 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 for 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 session, 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.

An Exhibition of the Rhetorical Department is given on the Friday preceding the Holiday Recess.

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 classes.

Sessions, Vacations and Expenses.

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

The Session of the College of Law opens on the first Monday of November.

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 \$3.50 to \$5.50 per week.

By forming clubs this amount may be reduced considerably.

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.

CALENDAR.

1867.

September 16th—Monday,
November 4th—Monday,
December 24th—Tuesday,

Session Opens.
Law College Opens.
Close for Holidays.

1868.

January 6th—Monday,
January 18th—Friday,

Re-open after Recess.
Subjects for Junior Exhibition and
Commencement, presented.

February 4th—Tuesday,
February 10th—Monday,

Semi Annual Examination.

March 13th—Friday,

Second Semester Opens.

March 27th—Friday,

Law College Closes.

April 24th—Friday,

Junior Ex. Orations presented.

May 2d—Friday,

Junior Exhibition.

May 4th—Monday,

Commencement Orations Presented.

May 22d—Friday,

Honors Announced.

June 16th—Tuesday,

Prize Declaimers appointed.

June 23d—Tuesday,

Annual Examination.

June 24th—Tuesday,

Prize Declamation.

Graduation Day.

SITE.

The University is situated near the centre 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 the Columbia branch, now being completed; 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 1843. 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.

The only department of the University established, and thus far in operation, is 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 progress 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 at their recent meeting established two additional Colleges—one of Normal instruction—the other of Law. These will be put into immediate operation.

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 Agricultural 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.

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