

TWENTY-FIRST

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF THE

UNIVERSITY OF ROCHESTER.

1870-71.



ROCHESTER, N. Y.

TRACY & REW, BOOK AND JOB PRINTERS, 23 BUFFALO ST.

1870.

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SENIORS, - - - - - 28.

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George Howard Thornton,	<i>Watertown,</i>	55 Court St.
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Solomon Wile,	<i>Rochester,</i>	18 James St.
Isaac Wile,	<i>Rochester,</i>	46 N. St. Paul St.
JUNIORS, - - - - -		24.

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Thomas Francis Barry,	<i>Rochester,</i>	Mount Hope Avenue.
William Alexander Black,	<i>Newark, N. J.,</i>	9 Chestnut St.
James Henry Brown,	<i>Rochester,</i>	194 North St.
Ross Platt Cole,†	<i>Rochester,</i>	20 North St.
Philo Henry Edick,	<i>Jamestown,</i>	55 Sibley Block.
Frank Thompson Ellison,	<i>Rochester,</i>	10 Main St.
John Judson Everingham,	<i>South Butler,</i>	3½ James St.
Frederick Samuel Fish,‡	<i>Newark, N. J.,</i>	9 Chestnut St.
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Charles Lincoln Gibbs,	<i>Nunda,</i>	16 Elm St.
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Charles Miner Vrooman, ²	<i>Rochester,</i>	141 Alexander St.
James Eaton Wallace,	<i>Pittsford,</i>	20 Weld St.
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FRESHMEN,	- - - - -	33.

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Frank W. Miller,	-	-	-	-	<i>Penn Yan.</i>
STUDENTS IN ANALYTICAL CHEMISTRY,	-	-	-	7	

SUMMARY.

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SPECIAL STUDENTS IN ANALYTICAL CHEMISTRY,	-					4
Total,	-	-	-	-	-	121

* * Candidates for the degree of Bachelor of Science are marked,*; students who are not candidates for degrees, †; students who are temporarily absent, ‡; students who have entrance conditions, or term examinations to make up, §; students deceased since the commencement of the college year, ||.

ORGANIZATION.

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The plan of instruction is so adjusted as to allow any who choose, to omit the study of the Greek and Latin Classics, substituting for them a more extended Mathematical and Scientific Course. Hence, the students in each class will be divided into two sections, corresponding to the two Courses of Study, and distinguished as the *Classical* and *Scientific* sections.

The Regular Course, for all students, extends through four years, at the end of which time those who pass a good examination in prescribed studies are admitted to a degree—those who have pursued the entire Classical Course, to the degree of Bachelor of Arts, and those who have pursued the entire Scientific Course, to the degree of Bachelor of Science.

Students who may desire to attend the recitations of particular departments, without becoming candidates for degrees, are allowed to do so, provided they have the requisite preparation for the studies of those departments, and become subject to the laws of the University. This arrangement is designed to meet the wants of those whose age or circumstances prevent them from pursuing either of the regular courses, but who are desirous of obtaining the liberal culture which the studies of a portion of the course will give them. Special pains are taken to give such persons the instruction which they require.

Members of the Senior Class are permitted, upon sufficient reason given to the Faculty, to substitute for the studies of the regular course such other courses of instruction, in which classes may be formed, as may especially fit them for the studies which they intend to pursue after graduation.

ADMISSION.

Candidates for admission to the University are expected to furnish satisfactory testimonials of character; and, if from other colleges, certificates of regular dismissal.

No person will be admitted to the Freshman Class who has not completed his fourteenth year, or to an advanced standing without a corresponding advance in age.

The Monday and Tuesday before Commencement, and the Thursday before the opening of the following term, are the regular times for examining candidates. The examinations may take place at other times at the discretion of the Faculty.



PREPARATORY STUDIES.

1. REQUIREMENTS FOR THE CLASSICAL COURSE.

Candidates for admission to the Classical Course will be examined in Geography and American History, English Composition, Latin and Greek Grammar, Four Books of Cæsar's Commentaries or Cornelius Nepos, Six Books of Virgil's *Æneid*, Four of Cicero's Orations—two against Catiline, the one for the Poet Archias, and the one on the Manilian Law, Three Books of Xenophon's *Anabasis*, Arithmetic, Algebra as far as Quadratic Equations, and the first Three Books of Robinson's Geometry.

2. REQUIREMENTS FOR THE SCIENTIFIC COURSE.

Candidates for the Scientific Course are required to sustain a thorough examination in those studies which are taught in our English High Schools, including Algebra as far as Quadratic Equations, and Three Books of Robinson's Geometry; and are *strongly recommended to pursue the study of Latin, at least one year, as a preparation for the study of English and other modern languages.*

Persons who wish to pursue studies in this city or vicinity, preparatory to admission to the University, will find ample facilities for so doing, under the advice and direction of the Faculty.

Any student who may be admitted to the University under conditions; as also any student who, after admission, may have shown himself deficient in any department of study, will be required to make up his deficiencies under a private tutor who shall be selected by the Faculty. All existing deficiencies of this nature will hereafter be noted in the catalogue.

COURSE OF INSTRUCTION.

CLASSICAL COURSE.

FRESHMAN CLASS.

FIRST TERM. { LIVY—*Lincoln*.
 Latin Prose Composition—*Allen*.
 SELECTIONS FROM THE GREEK HISTORIANS.
 Greek Ollendorf—*Kendrick*.
 ALGEBRA—*Robinson*.
 VOCAL Culture—*Munroe's Vocal Gymnastics*.

SECOND TERM. { LIVY.
 Latin Prose Composition—completed.
 HOMER'S ILIAD.
 Greek Ollendorf—completed.
 ALGEBRA—completed.
 GEOMETRY—*Robinson*.
 VOCAL Culture—Class Room Declamations.

THIRD TERM. { SELECTIONS FROM THE GREEK HISTORIANS.
 GEOMETRY.
 LECTURES ON ENGLISH COMPOSITION AND RHETORIC.
 Lectures on Christian Evidence and Morals.
 Mediæval History.

SOPHOMORE CLASS.

FIRST TERM. { GEOMETRY—completed. PLANE AND SPHERICAL
 TRIGONOMETRY, SURVEYING AND NAVIGATION.
 SELECT ROMAN COMÉDIES AND SATIRES.
 FRENCH.
 Lectures on the English Language and Literature.
 Mediæval and Modern History.

SECOND TERM. { ANALYTICAL GEOMETRY—*Robinson*.
 SELECT ORATIONS OF DEMOSTHENES.
 FRENCH.
 Readings and Dissertations in English Literature—
Craik's English of Shakspeare.
 Modern History.

THIRD TERM.	{	TACITUS.
		GERMAN.
		DIFFERENTIAL AND INTEGRAL CALCULUS— <i>Robinson.</i>
		PHYSICS— <i>Ganot, French Edition.</i>
		Readings and Dissertations in English Literature— <i>Milton, Clarendon Press Edition.</i>
	{	Lectures on Elocution—Select Readings.

JUNIOR CLASS.

FIRST TERM.	{	LOGIC— <i>Lectures and Thomson.</i>
		SELECT GREEK TRAGEDIES.
		PHYSICS.
	{	Lectures on Chemical Physics.
SECOND TERM.	{	RHETORIC— <i>Whately and Lectures.</i>
		ARISTOTLE'S RHETORIC, OR LONGINUS ON THE SUBLIME.
		Lectures on Greek Literature.
		CHEMISTRY— <i>Roscoe and Lectures.</i>
	{	Lectures on Chemical Physics.
THIRD TERM.	{	SELECT ODES AND EPISTLES OF HORACE— <i>Lincoln.</i>
		Lectures on Roman Literature.
		GERMAN.
		ASTRONOMY.
	{	Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.	{	INTELLECTUAL PHILOSOPHY— <i>Lectures.</i>
		READINGS AND PRELECTIONS IN PLATO AND ARISTOTLE.
		Lectures on Greek Philosophy.
	{	ZOÖLOGY AND PHYSIOLOGY— <i>Dalton and Lectures.</i>
	{	Lectures on the History of Philosophy.
SECOND TERM.	{	INTELLECTUAL AND MORAL PHILOSOPHY.
		HISTORY OF CIVILIZATION IN EUROPE— <i>Lectures.</i>
		CICERO'S PHILOSOPHICAL TREATISES.
		Lectures on Roman Philosophy.
	{	Lectures on the History of Philosophy.
THIRD TERM.	{	CONSTITUTIONAL LAW AND POLITICAL ECONOMY— <i>Lectures and Blanqui.</i>
		STUDIES IN EARLY AND RECENT ENGLISH, OR WHITNEY ON LANGUAGE.
		GEOLOGY— <i>Lectures.</i>
		Lectures on Physical Geography.

2.—SCIENTIFIC COURSE.

Students in this Course recite, so far as the studies coincide, with those in the Classical Department, using the same text-books.

FRESHMAN CLASS.

FIRST TERM.	{	ALGEBRA. LATIN.* ANCIENT HISTORY. Vocal Culture.
SECOND TERM.	{	ALGEBRA—Completed. GEOMETRY. LATIN—Continued. ANCIENT HISTORY. Vocal Culture and Declamations.
THIRD TERM.	{	ENGLISH COMPOSITION AND RHETORIC. LATIN, or HIGHER ALGEBRA. GEOMETRY. Lessons in Christian Evidence and Morals. Mediæval History.

SOPHOMORE CLASS.

FIRST TERM.	{	GEOMETRY completed. PLANE AND SPHERICAL TRIGONOMETRY. SURVEYING AND NAVIGATION. ENGLISH LANGUAGE AND LITERATURE. FRENCH. Mediæval and Modern History.
SECOND TERM.	{	ANALYTICAL GEOMETRY. FRENCH. ENGLISH LANGUAGE AND LITERATURE. Modern History.
THIRD TERM.	{	CALCULUS AND PHYSICS. FRENCH. GERMAN. English Language and Literature. Elocution.

* With the Freshman Class in the Classical Department, if prepared; if not, under special instruction.

JUNIOR CLASS.

FIRST TERM.	{	LOGIC. WHEWELL'S HISTORY OF INDUCTIVE SCIENCES. PHYSICS Lectures on Chemical Physics.
SECOND TERM.	{	RHETORIC. WHEWELL'S HISTORY OF INDUCTIVE SCIENCES. CHEMISTRY. Lectures on Chemical Physics.
THIRD TERM.	{	GERMAN. ASTRONOMY. BOTANY. Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.	{	INTELLECTUAL PHILOSOPHY. ZOOLOGY AND PHYSIOLOGY. GERMAN. Lectures on the History of Philosophy.
SECOND TERM.	{	INTELLECTUAL AND MORAL PHILOSOPHY. ANALYTICAL CHEMISTRY. HISTORY OF CIVILIZATION. Lectures on the History of Philosophy.
THIRD TERM.	{	STUDIES IN EARLY AND RECENT ENGLISH, or WHITNEY ON LANGUAGE. GEOLOGY. CONSTITUTIONAL LAW AND POLITICAL ECONOMY. Lectures on Physical Geography.

BOOKS OF REFERENCE.

The following works are recommended for reference :

- Hadley's, Kühner's, or Kendrick's Bullions' Greek Grammar.
Harkness's, or Andrews and Stoddard's Latin Grammar.
Angus's Handbook of the English Tongue.
Vernon's Anglo-Saxon Guide.
Brachet's Historical French Grammar.
Liddell and Scott's Greek Lexicon.
Andrews's Latin Lexicon.
Spiers and Surene's French Dictionary.
Thieme's German Dictionary.
Webster's Dictionary—*the latest edition, unabridged.*
Chambers' Cyclopædia of English Literature.
Marsh's Origin and History of the English Language.
Fleming's Vocabulary of Philosophy.
Wight's Hamilton.
Smith's Greek and Roman Antiquities.
Long's Classical Atlas.
Smith's History of Greece.
Liddell's History of Rome.
Guizot's History of Civilization.
Hallam's Middle Ages.
Bryce's Holy Roman Empire.
Agassiz and Gould's Zoölogy.
Carpenter's and Draper's Physiologies.
Cooke's Chemical Physics.
Miller's Chemistry.
Dana's Mineralogy.
Dana's Manual of Geology.
Gray's Structural Botany and Manual.

GENERAL VIEW OF THE CURRICULUM.

One who desires to understand the work which the University attempts to perform, may be referred to the tabular statements, already given, of the courses of study which are prescribed for students. It seems appropriate, however, that special attention be called to some features in the several departments of instruction.

THE DEPARTMENT OF METAPHYSICS.

Intellectual and Moral Philosophy are taught mainly by lectures. Propositions embodying an outline of these subjects, with a condensed discussion of each, are dictated to the class. Copious illustrations of the topics are then given, with full opportunity for questions and discussion on the part of the class, until the doctrine set forth is completely understood. The design of the course is to fix convictions in the student's mind regarding the reality, certainty and limits of human knowledge, and show that man has a moral and intellectual constitution existing in the germ before the processes of thought and action begin.

In furtherance of these objects, recourse is constantly had to the history of thought on the topics discussed, with a view to set forth the gradual progress, through the ages, toward definite and scientific conceptions of man's nature. Care is taken to put over against each truth taught its antagonistic error; and, also, to select illustrations of these subjects from common life, so that the student, in acquiring a knowledge of the mental and moral constitution of *man*, shall be, at the same time, gaining that practical knowledge of *men* that shall conduce to his success in the business, or profession, to which he looks forward.

THE CLASSICAL DEPARTMENT

Aims, by the careful reading of the Greek and Latin classics, and by assiduous practice in writing Greek and Latin prose, to give the student such familiarity with the classical tongues, as shall unlock to him the treasure-house of ancient thought and feeling; and at the same time, fit him to acquire a more complete mastery of those modern languages which are so largely derived from a classical source. The practical features of Greek and Roman life are made a matter of careful study; and the classics are further utilized by making them supplement other courses of study—Aristotle, Plato and Cicero being read in connection with instruction in Rhetoric and Mental and Moral Philosophy.

THE DEPARTMENT OF HISTORY.

Although the Faculty of Instruction embraces no officer who is distinctively charged with the care of this department, an ample course of historical studies is provided for the student. Instruction is given in Greek and Roman History in connection with the Classical Department. Mediæval and Modern History are taught in weekly lectures which cover three entire terms. The study of the English language and literature is necessarily approached from an ethnological and historic point of view. In the Senior year an entire term is devoted to the study of the History of Civilization, and another term is divided between Constitutional Law and Political Economy.

THE DEPARTMENT OF RHETORIC

Is regarded as an organic whole whose reciprocally dependent parts are:

1. The Laws of Thought or *Logic*.
2. The Laws of Expression, or, in the abstract, *Rhetoric*, in the concrete, *Literature*,—both, of course, presupposing, for the English student, a minute and thorough acquaintance with the *English Language*.
3. The Laws of Utterance or *Elocution*.

In accordance with this conspectus, the student is taught, from the outset of his college course, to analyze his mental processes and adapt his words to his thoughts, his tones and gestures to his words. Particular attention is paid to the study of the English Language in its origin and development, and in its use by such writers as Chaucer, Shakspeare, Bacon and Milton—whose works are studied with the same care as those of Horace, Sophocles, Plato and Homer.

In connection with this department, orations are pronounced before the University, by students in the third term of the Junior, and the first and second terms of the Senior year,—each student being required to prepare and deliver, at least one oration in each term.

During the first two terms of the Freshman and the last term of the Sophomore year, there is a regular weekly exercise in Elocution. Members of the Junior and Sophomore classes are required to present original essays twice, at least, in each term. These essays are, as far as is practicable, read and criticised in the class-room.

THE DEPARTMENT OF MODERN LANGUAGES

Embraces a course of at least two terms in French and two in German for every student who is a candidate for a degree. The extent and thoroughness of this course have already justified the introduction of French text-books in Physics and Political Economy. It is proposed to pursue the same plan, as far as practicable, with reference to the German; and thus render the student's acquaintance with these languages more accurate and complete, by making them the medium of acquiring other branches of education.

While the philological study of these languages is held constantly in mind, such colloquial drill is given, as may prepare the student for using them in the business of life.

THE DEPARTMENT OF MATHEMATICS.

During the first two years in the College Course, the classes have a continuous drill in Pure Mathematics, beginning with

the generalizations of Higher Algebra and closing with the Calculus. Then follow Mathematics as applied to natural Philosophy and Astronomy. While the disciplinary exercises of the student are necessarily abstract, it is the design of the officers in charge of this department to show, by lectures and illustrations, that the formulas of Mathematics are the keys of natural phenomena, and that they underlie the practical arts of life. It is further believed that Mathematics, like Politics, are best learned in their historical development. The discovery and history of formulas are, therefore, made the frequent theme of class-room conversations.

The separate course for Scientific students includes the study of some general treatise on the Philosophy of the Mathematical Sciences.

THE DEPARTMENT OF NATURAL SCIENCE.

In the Department of Natural Science instruction is given by Lectures. Zoölogy and Physiology are studied by the Senior Class during the first term. An outline of the general principles of Zoölogy, embracing the characteristics and methods of classification of the animal kingdom, is followed by a more special study of Human Physiology and Anatomy, with constant reference to the structure and functions of the inferior animals, seeking thus, by making it a study of comparisons and analogies, to develop the existence of a comprehensive plan in organic nature. Constant attention is given, in this department, to the principles of Hygiene.

During the first term a course of lectures is given to the Junior Class on Chemical Physics, followed, during the second term, by a course of daily lectures on General Chemistry. The properties of the elementary bodies, and their more important combinations, are fully illustrated by experiments in the Lecture-room. Special attention is given to the economic and industrial applications of chemical science. Frequent opportunities are afforded for visiting the various manufacturing establishments of the city, in which chemical processes are practically applied.

During the third term a course of daily lectures is given to the Senior Class on Geology, illustrated by Guyot's Wall-maps and the extensive Lithological, Mineralogical and Palæontological Collections of the Cabinet, representing all the explored portions of the earth's crust.

ANALYTICAL LABORATORY.

To supplement the instruction given to undergraduates in General Chemistry, a Laboratory has been provided and furnished with the requisite apparatus, for the use of those who may wish to pursue a more extended course of theoretical and practical Chemistry, by conducting their own experiments and investigations, under the direction of the Professor.

Special students will be admitted to the Laboratory for instruction in the theory and practice of Chemical Analysis, qualitative and quantitative, the application of Chemistry to Agriculture, Pharmacy, the Mechanic Arts, the Assay of Ores, etc. For further particulars respecting this department, application may be made to the President, or the Professor of Chemistry.



MORAL AND RELIGIOUS CULTURE.

It is the aim of the Faculty, in connection with the discipline of the intellect, to inculcate a pure morality, and the great truths and duties of Evangelical Christianity. The public duties of each day are opened at 9 o'clock A. M., with reading of the Scriptures and Prayer, in the University Chapel. The students are required to attend, unless specially excused by the Faculty.

In the Greek Department there is a weekly recitation in the Greek New Testament.

Weekly prayer meetings are held by the students in a room, centrally located, which the Trustees have provided for this purpose.

Parents and guardians are requested to designate places of worship, at which their sons, or wards, shall regularly attend on the Sabbath.

GEOLOGICAL AND MINERALOGICAL CABINETS.

These Cabinets, containing over 40,000 carefully selected specimens, are an encyclopædia of the sciences which they illustrate. They were collected by Professor Ward, during six years of extensive foreign travel, and during many careful visits to a large number of the most fruitful American localities. Having been compiled, from the first, upon a plan which contemplates the most complete illustration of every point in these two departments of inorganic nature, it is believed that they offer opportunities to students in these sciences, unsurpassed in this country.

The Cabinet of Geology commences with a collection of over 3,000 rocks, arranged in orders and families, in explanation of the science of Lithology. Every rock species, as recognized by the latest authors, is contained in this series; and all points of interest in technical or economic Geology, are amply illustrated.

Another series of rocks presents those which are, to some extent, characteristic of the several geological formations. Other series are geographical in their character, and show the student the mineral composition of some typical geological region.

A valuable collection of rocks, illustrative of the Geology of the Andes, collected by Prof. James Orton, has been recently added to the Lithological section of the Cabinet.

The collections of Fossils are from the standard localities in Europe and America, and represent the animal and vegetable life which covered the surface of our planet during each of the great geological periods.

A prominent feature of the Cabinet is that it contains plaster copies, perfect in form and dimensions, of all the well known genera of fossil quadrupeds.

A section of the Geological Cabinet embraces a series of models, maps, sections, ideal landscapes, and cuts of fossils, intended to illustrate the lectures which are given upon these subjects.

The Cabinet of Minerals is equally rich and comprehensive. It begins with several extensive series of specimens intended to illustrate the subjects of Crystallography, and the physical properties of minerals, and contains about 5,000 choice specimens, representing four-fifths of all the species known.

CABINET OF ARCHÆOLOGY.

The foundation has been laid for an Archæological Cabinet, by the purchase of a small, but well authenticated, collection of flint and bronze implements from the drift region of Abbeville and St. Acheul, in France. To this cabinet some specimens of the stone implements of the American Indians have been added, and further donations are respectfully solicited from the friends of the University.

LIBRARY.

The Library of the University is open daily, from 8 to 9 A. M., and on Saturday, from 10:15 to 12 A. M., for consultation, and for the drawing of books. All the students have free access to the library, and are aided in consulting it by the Librarian and other members of the Faculty.

RATHBONE LIBRARY FUND.

Gen. John F. Rathbone, of Albany, has given to the University the sum of twenty-five thousand dollars, the annual income of which is appropriated to the increase of the Library. In the purchase of books the preference is given to those works which are demanded by the students for the successful prosecution of their inquiries in the various departments of study.

RECITATIONS AND EXAMINATIONS.

The recitations are held from 9:15 A. M., to 12:15, each class having three daily exercises of one hour. The number or length of these exercises may be increased at the discretion of

the Faculty. On Saturday, the classes attend in the Lecture-room but one hour.

An exact daily record is kept of the attendance, conduct and recitations of each student, as well as of the sufficiency or insufficiency of the excuses rendered for delinquency. Summaries of these records are made for every term and year. Being kept in a permanent form, they will determine the standing of each student at any period of his connection with the University, and in the end will exhibit a complete history of his College course for subsequent reference.

Examinations are conducted by a combination of written and oral exercises. In the Greek and Latin Departments, students are required to make written translations, in the presence of the examining officer, of passages not previously read. The regular examinations are as follows:

1. Of all the classes, at the close of the first and second terms.
2. Of the Senior Class, four weeks before Commencement.
3. Of the other Classes, the week before Commencement.



PUBLIC EXERCISES.

1. Senior Exhibition in the first term.
2. Prize Declamation by the Sophomore Class on the Monday evening preceding Commencement.
3. Commencement on the Wednesday preceding the Fourth of July.



EXPENSES.

Parents who send their sons to the University are recommended to secure for them, during their College course, the influence of a Christian home, so far as this is practicable. Rooms which afford ample accommodation for two students, can, however, be secured, in buildings designed especially for this purpose, for \$1.00 per week. Boarding can be obtained in

private families for from \$3.50 to \$5.00 per week. The Janitor of the University will furnish its patrons with all necessary information respecting rooms and boarding.

Tuition, per term, including incidentals, \$20.00.

The rules for payment of Tuition, established by the Trustees, require the settlement of all bills at the beginning of each term; that students in the partial course pay full tuition; and that orders for tuition on scholarships be presented as soon as received. No deduction is made for absence.

A large number of students find profitable employment in the city, in teaching private pupils and classes, and in various other occupations; thus enabling them to provide, in considerable part, for the expenses of their education. Students who have a practical acquaintance with any of the useful arts, are able to procure constant and remunerative employment in the city.

Indigent students for the Ministry, regularly approved by churches, receive assistance from the New York Baptist Union for Ministerial Education, and, under certain conditions, free tuition from the University, which has set apart 40 scholarships for this purpose.

Other indigent students, of good character, are occasionally assisted from funds at the disposal of the President.

Parents and guardians are earnestly requested to exercise a careful supervision over their sons or wards, and to discriminate between necessary and unnecessary expenses. Experience proves that nothing has a more unfavorable influence upon a student's moral conduct and habits of study, than the unrestrained use of money.



PREMIUMS, EXTRA STUDIES, ETC.

DAVIS PRIZE MEDALS.

The sum of \$1,000 has been given to the funds of the University by the Hon. Isaac Davis, LL. D., of Worcester, Mass., the annual income of which is, by the direction of the donor

to be expended in purchasing two gold medals of unequal value, to be given to the two members of the graduating class whose orations, on Commencement Day, shall exhibit respectively, the first and second grades of excellence in thought, composition and delivery combined.

THE STODDARD PRIZE MEDAL.

Professor John F. Stoddard—himself a distinguished Mathematical teacher and author—has given to the University the endowment for a gold medal of the value of one hundred dollars, which is to be awarded to the student in each graduating class (having been three years a member of the University, and having maintained a good standing in all the studies of the curriculum) who shall have passed the best examination on the Mathematical studies of the entire course, and also on some special topic to be assigned by the Faculty; provided that such examination shall have attained to a certain absolute value.

The special topic on which the members of the present Senior Class will be examined, is CHURCH'S DIFFERENTIAL AND INTEGRAL CALCULUS.

THE DAVIS SCHOLARSHIP.

A scholarship for the benefit of some indigent student has been founded by the Hon. Isaac Davis, LL. D., yielding \$70 a year. This income is now available under certain conditions, affecting character and scholarship, prescribed by the founder.

THE SHELDON SCHOLARSHIP.

By the liberality of Abraham Sheldon, Esq., of Adams Centre, free tuition has been provided forever for some student who shall be approved by the Faculty as especially worthy of assistance.

THE CITY SCHOLARSHIPS.

In recognition of the interest taken by the citizens of Rochester in the establishment of the University, twelve scholarships, which entitle their holders to free tuition, have been

granted by the Board of Trustees to the City of Rochester. These scholarships, to the number of three in each class, are awarded as prizes for excellence in the studies of the Rochester City Schools, preparatory to college.

SENIOR PRIZE ESSAY.

A premium will be given to the member of each Senior Class who shall write the best essay upon a subject selected by the Faculty.

The subject for the present year is THE HISTORICAL SIGNIFICANCE OF SCOTT'S IVANHOE.

THE DEWEY PRIZE DECLAMATIONS.

Premiums are given for the best exercises in Declamation, by members of the Sophomore Class,—those students only being allowed to compete whose standing and deportment are especially approved by the Faculty. The funds for this purpose are derived from a bequest by the Rev. Dr. Beadle, of Philadelphia, a pupil and friend of the late Dr. Dewey.

EXTRA STUDIES WITH PREMIUMS.

Students who are in regular attendance, and whose scholarship in all departments reaches a certain fixed standard, are permitted to pursue studies additional to the required curriculum, with a view to competition for premiums. The names of those who sustain a successful examination are honorably mentioned, in connection with the names of those who take premiums, in the Annual Catalogue of the University.

JUNIOR CLASS.

A premium will be given to the member of the Junior Class who shall pass the best examination upon some portion of a Greek author, selected by the Faculty, which shall have been read in addition to the regular and required course of Greek studies.

The examination for the present year will be on PLUTARCH DE SERA NUMINIS VINDICTA.

SOPHOMORE CLASS.

A premium will be given to the member of the Sophomore Class who shall pass the best examination upon some portion of a Latin author, selected by the Faculty, which shall have been read in addition to the regular and required course of Latin studies.

The examination for the present year will be on THE ANDRIA OF TERENCE.

FRESHMAN CLASS.

A premium will be given to the member of the Freshman Class who shall pass the best examination in Mathematical studies, selected by the Faculty, in addition to the studies of the regular course.

The examination for the present year will be on PERKINS'S ALGEBRA.

EXTRA STUDIES WITHOUT PREMIUMS.

Students who are regular in attendance, and whose scholarship, in all departments, reaches the standard before mentioned, are encouraged to pursue studies additional to the required curriculum, under the instruction of the Faculty, without competition for premiums. The successful prosecution of such studies,—which will be tested by careful examinations,—is distinguished by honorable reference in the Annual Catalogue of the University.

AWARDS FOR THE YEARS 1869-70.



The following are the names of the students who received premiums during the last academic year :

SENIOR CLASS.

The First Davis Medal, for the best oration on Commencement Day, including composition and delivery, was awarded to JACOB SPAHN ; and the Second Davis Medal, to WILL HILL SLOAN.

Honorable mention was made of P. A. NORDELL, and J. K. FOWLER.

Committee of Award :

Rev. C. D. W. Bridgeman, D. D.,
Theodore Bacon, Esq.,
Edwin R. Johnson, Esq.

The Stoddard Prize Medal, for superior attainments in the Department of Mathematics, was awarded to MILO G. KELLOGG, with honorable mention, for marked excellence, of SARDIUS D. BENTLEY.

Committee of Award :

Prof A. B. Evans,
Prof. McLean.

The Prize for the best essay on Homer and his English Translators was awarded to MERRILL E. GATES, with honorable mention of WILL HILL SLOAN.

Committee of Award :

Manton Marble, Esq.,
Wm. R Martin, Esq.,
Rezin A. Wight, Esq.

MERRILL E. GATES, S. D. BENTLEY and MILO G. KELLOGG are entitled to honorable mention for an examination on two books of Aristotle *De Anima*, read without reference to a prize.

A. M. DUBOC is entitled to honorable mention for an examination on the Vision of Piers Plowman and portions of Chaucer; and also for an examination on Schiller's Thirty Years' War, read without reference to a prize.

P. A. NORDELL is entitled to honorable mention for an examination on studies in Danish and Old Norse, pursued without reference to a prize.

JUNIOR CLASS.

For an Examination on the Oration of Demosthenes against Leptines, the First Premium was equally divided between:

GEORGE F. WILKIN,
P. E. SCHOONMAKER,

The Second Premium was awarded to:

ALFRED M. WORCESTER.

Honorable mention was made of LAWRENCE T. JONES, WALTER S HUBBELL, ROBERT B. HULL and A. J. LYON.

Committee of Award:

Prof. N. W. Benedict,
Rev. Dr. Crowell.

ROBERT B. HULL is entitled to honorable mention for an examination on three orations of Demosthenes; and also for an examination on a somewhat extended course in French Literature, read without reference to a prize.

A. M. WORCESTER is entitled to honorable mention for an examination on portions of Demosthenes against Leptines and Aristocrates, read without reference to a prize.

SOPHOMORE CLASS.

For Excellence in Declamation:

SOLOMON WILE, First Premium.
LEWIS A. SIMPSON, Second Premium.
J. M. HUDNUT, Second Premium.

Committee of Award:

Prof. T. J. Backus,
Rev. D. K. Bartlett,
Rev. T. Edwin Brown.

For an examination on the *Agricola* of Tacitus.

J. M. HUDNUT, First Premium.

Honorable mention was made of F. W. FORBES and A. A. NEWHALL.

Committee of Award:

Wm W. Gilbert, A. M.,

E. H. Wilson, A. M.,

W. R. Benedict, A. B.

W. T. MILLS is entitled to honorable mention for an examination on the eleventh book of the *Institutes* of Quintilian, read without reference to a prize.

FRESHMAN CLASS.

For an examination on Davies' Bourdon's Algebra.

First Premium equally divided between

HENRY C VEDDER,

GEORGE D. OLDS.

Committee of Award:

Edward Webster, Esq.,

Thomas Dransfield, A. M.

E. W. HUNT and GEORGE D. OLDS are entitled to honorable mention for an examination on two books of the *Odyssey* of Homer, read without reference to a prize.

H. C. VEDDER and P. H. EDICK are entitled to honorable mention for an examination on the *De Senectute* and the *De Amicitia* of Cicero, read without reference to a prize.

VACATIONS.

1. Of ten days, including the Winter Holidays.
2. Of one week, from the end of the Winter Term.
3. Of eleven weeks, immediately after Commencement.
4. The College exercises are suspended on :
 - Thanksgiving Day.
 - Washington's Birth-Day.
 - The Day of Prayer for Colleges.
 - The Anniversary of the Rochester Theological Seminary.
 - Class-Day.

CALENDAR.

1870-71.

December 23,	-	-	First Term ends.
January 4,	-	-	Second Term begins.
February 23,	-	-	Day of Prayer for Colleges.
March 29,	-	-	Second Term ends.
April 6,	-	-	Third Term begins.
May 30-June 1,	-	-	Senior Examinations.
June 2,	-	-	Class-Day.
June 25,	-	-	Sermon before the Christian Association.
June 26 (evening),	-	-	Sophomore Prize Declamation.
June 26-27,	-	-	Examinations for Admission.
June 27 (evening),	-	-	Oration and Poem before the Alumni.
June 28,	-	-	COMMENCEMENT.
September 13,	-	-	Examinations for Admission.
September 14,	-	-	First Term begins.
December 22,	-	-	First Term ends.