

CATALOGUE
—OF—
ST. JOHN'S COLLEGE,

ANNAPOLIS, MD.,

—FOR—
The Academic Year 1883-1884,

—AND—
PROSPECTUS FOR 1884-1885.

BALTIMORE:
FROM THE STEAM PRESS OF JAMES YOUNG,
112 West Baltimore Street.
1884.



CALENDAR.

1884.

- WEDNESDAY, SEPT. 17..Opening of Session and Examination of
Candidates for Admission.
FRIDAY, DEC. 19.....Anniversary Celebration of Philoma-
thean Society.
SATURDAY, DEC. 20.....Commencement of Christmas Vacation.

1885.

- TUESDAY, JAN. 6.....Resumption of College Exercises.
SUNDAY, JUNE 21.....Baccalaureate Sermon.
MONDAY, JUNE 22.....Anniversary of the Philokalian Society.
TUESDAY, JUNE 23.....Address before the Literary Societies.
WEDNESDAY, JUNE 24..Address before the Alumni at 10 o'clock
A. M.
THURSDAY, JUNE 25....Commencement Day.
THURSDAY, JUNE 25....Banquet of the Alumni at 9 o'clock P. M.



Board of Visitors and Governors.

President (*ex-officio*),

HIS EXCELLENCY, ROBERT M. McLANE,

Governor of Maryland, Annapolis, Md.

Hon. HENRY LLOYD, President of Senate, *ex-officio*, Cambridge, Md.
Hon. J. PEMBROKE THOM, Speaker House of Del. " Baltimore, Md.
Hon. RICH. H. ALVEY, C. J. Court of Appeals, " Hagerstown, Md.
Hon. JNO. M. ROBINSON, Judge Court of Appeals, " Centreville, Md.
Hon. GEORGE YELLOTT, Judge Court of Appeals, " Towson, Md.
Hon. JOHN RITCHIE, Judge Court of Appeals, " Frederick, Md.
Hon. FRED'K STONE, Judge Court of Appeals, " Port Tobacco, Md.
Hon. OLIVER MILLER, Judge Court of Appeals, " Annapolis, Md.
Hon. LEVIN T. H. IRVING, Judge Court of Appeals, " Princess Anne, Md.
Hon. W. SHEPARD BRYAN, Judge Court of Appeals, " Baltimore, Md.

I. NEVITT STEELE, Esq., LL. D.....Baltimore, Md.
FRANK H. STOCKETT, Esq.Annapolis, Md.
JAMES MACKUBIN, Esq.Ellicott City, Md.
NICHOLAS BREWER, Esq., *Treasurer*.....Annapolis, Md.
DANIEL M. HENRY, Esq.....Cambridge, Md.
DANIEL M. THOMAS, Esq.....Baltimore, Md.
SPRIGG HARWOOD, Esq.....Annapolis, Md.
JAMES MUNROE, Esq.....Annapolis, Md.
Hon. GEORGE WILLIAM BROWN, LL. D.....Baltimore, Md.
N. H. MORISON, LL. D.....Baltimore, Md.
WILLIAM HARWOOD, Esq., *Secretary*.....Annapolis, Md.
DAVID HARLAN, M. D., U. S. N.....Churchville, Md.
WILLIAM R. HAYWARD, M. D.....Cambridge, Md.
J. SHAAFF STOCKETT, Esq.....Annapolis, Md.
J. WIRT RANDALL, Esq.....Annapolis, Md.
WILLIAM T. IGLEHART, Esq.....Annapolis, Md.
WILLIAM G. RIDOUT, M. D.....Annapolis, Md.
GEORGE WELLS, M. D.....Annapolis, Md.
T. BARTON BRUNE, M. D.....Baltimore, Md.
JOHN S. WIRT, Esq.....Elkton, Md.
RICHARD M. VENABLE, Esq.....Baltimore, Md.
R. RIDDLE BROWN, Esq.....Baltimore, Md.
HENRY PAGE, Esq.....Princess Anne, Md.
RICHARD H. GREEN, M. D.....Annapolis, Md.

FACULTY AND INSTRUCTORS,

Session of 1883-84.

JOHN McDOWELL LEAVITT, D. D.,

President,

Professor of Psychology and Christian Evidences, and Acting Professor of English Literature.

WILLIAM H. HOPKINS, A. M.,

Vice-President,

Professor of the Latin, Greek and German Languages.

J. GRATTAN HAGNER, A. M.,

Professor of Mathematics, Astronomy and Civil Engineering.

CHARLES E. MUNROE, U. S. N. A.,

Lecturer on Analytical Chemistry and Laboratory Practice.

WILLIAM CATHCART DAY, A. B., PH. D.,

(Graduate and Doctor of Philosophy from Johns Hopkins University).

Professor of Chemistry and Physics.

JAY M. WHITHAM, U. S. N.,

Professor of Mechanical Engineering.

WILLIAM C. DEVECMON, A. B.,

Assistant Professor of the Greek and Latin Languages.

JULES LEROUX,

Professor of the French and Spanish Languages.

WILLIAM W. DAVIS, A. B.,

Superintendent of the Preparatory Department and Librarian.

ELON S. HOBBS, A. B.,

Tutor in the Preparatory Department and Secretary to the President.

B. R. ANDERSON,

Instructor in Gymnastics.

CATALOGUE OF STUDENTS

DURING THE YEAR 1883-84.

SENIOR CLASS.

Names.	Residences.
✓ BRUNER R. ANDERSON.....	Woodwardville, Md.
✓ WILLIAM N. BURGESS.....	Baltimore, Md.
✓ FREDERICK H. CLASH.....	Centreville, Md.
✓ JOSEPH COULBOURN.....	Marion, Md.
✓ EMERSON C. HARRINGTON.....	Madison, Md.
✓ WILLIAM F. JOHNSON.....	Snow Hill, Md.
✓ WYATT W. RANDALL.....	Annapolis, Md.
✓ EDWARD J. W. REVELL.....	Annapolis, Md.
✓ HENRY C. SCHOOLEY.....	Highland, Md.
✓ GEORGE A. STEELE.....	Elkton, Md.
✓ RICHARD B. TIPPETT.....	Chaptico, Md.
✓ HENRY B. WILSON.....	Boonsboro, Md.

JUNIOR CLASS.

✓ THOMAS G. ADDISON.....	Washington, D.C.
✓ WIRT A. DUVAL.....	St. Margaret's, Md.
✓ EDWARD S. BRATTON.....	Chestertown, Md.
✓ CHARLES BREWER.....	Annapolis, Md.
✓ PAUL J. DASHIEL.....	Port Republic, Md.
✓ HENRY B. GORGAS.....	Chelsea, Mass.
✓ HARRY M. HEBDEN.....	Baltimore, Md.
✓ J. HARWOOD IGLEHART.....	Annapolis, Md.
✓ FRANK A. MUNROE.....	Annapolis, Md.
✓ WILL B. SHOBER.....	Cumberland, Md.
✓ BENJAMIN P. TRUITT.....	Quantico, Md.
✓ JOHN E. WALSH.....	Annapolis, Md.
✓ ALLEN S. WILL.....	Carroll, Baltimore county, Md.

SOPHOMORE CLASS.

Names.	Residences.
✓ J. LEVI CHEW.....	Prince George county, Md.
✓ GEORGE M. CUMMINGS.....	Baltimore, Md.
✓ CLARENCE H. FORREST.....	Taneytown, Md.
✓ THOMAS K. GREEN.....	Annapolis, Md.
✓ EDWARD M. HARDCASTLE.....	Trappe, Md.
✓ CHARLES A. JACOBI.....	Annapolis, Md.
✓ JOHN RIDOUT.....	Annapolis, Md.
✓ ORLANDO RIDOUT.....	St. Margaret's, Md.
✓ GEORGE C. SCHOFF.....	Annapolis, Md.
✓ STEPHEN N. WILLIAMS.....	Poolesville, Md.
✓ HORACE R. WINCHESTER, JR.....	St. Margaret's, Md.
✓ CLINTON S. WYATT.....	Goldsboro, Md.

FRESHMAN CLASS.

✓ JAMES H. M. BARBER.....	Newburgh, Md.
✓ ROBERT CRAIN.....	Harris Lot, Md.
✓ H. F. D. CROWNFIELD.....	Baltimore, Md.
✓ JAMES D. HAMILL.....	Oakland, Md.
✓ THOMAS H. HICKS.....	Cambridge, Md.
✓ CLARENCE S. JICKLING.....	Annapolis, Md.
✓ WILLARD C. PARKER.....	Washington, D.C.
✓ WILLIAM L. PURDUM.....	Fountain Mills, Md.
✓ JAMES H. QUINBY.....	Bel Air, Md.
✓ G. C. ROBERTS.....	Centreville, Md.
✓ THOMAS H. WILKINSON.....	Sunderland, Md.
Total in Collegiate Department..... 48	

FIRST PREPARATORY CLASS.

✓ CHARLES B. ABBOTT.....	Annapolis, Md.
✓ HARRY BELLIS.....	Annapolis, Md.
✓ THADDEUS D. BRAMAN.....	Annapolis, Md.
✓ GEORGE PAYNE BURNAP.....	Annapolis, Md.
✓ JAMES D. FELDMEYER.....	Annapolis, Md.
✓ CHARLES B. HENKEL.....	Annapolis, Md.
✓ J. F. S. JACOBI.....	Annapolis, Md.
✓ FRANK LEECH.....	Annapolis, Md.

First Preparatory Class—continued.

Names.	Residences.
✓ JOSEPH W. MOORE.....	Annapolis, Md.
✓ WILLIAM H. PHILLIPS.....	Crownsville, Md.
✓ CLARENCE REHN.....	Annapolis, Md.
✓ CHARLES H. SCHOFF.....	Annapolis, Md.
✓ JACOB J. SCHOFF.....	Annapolis, Md.
✓ WESLEY SHERWELL.....	Prince Frederick, Md.
✓ CHARLES A. WILSON.....	Annapolis, Md.

SECOND PREPARATORY CLASS.

✓ FRANK BAKER.....	Annapolis, Md.
✓ J. CLAYTON BREWER.....	Annapolis, Md.
✓ THOMAS LEVERETT BREWER.....	Annapolis, Md.
✓ NATHANIEL H. BURNSTINE.....	Detroit, Mich.
✓ THOMAS FRANKLIN.....	Annapolis, Md.
✓ NICHOLAS H. GREEN.....	Annapolis, Md.
✓ EDWARD H. HABERSHAM.....	Annapolis, Md.
✓ ALBERT H. HOPKINS.....	Annapolis, Md.
✓ HARRY C. HOPKINS.....	Annapolis, Md.
✓ EUGENE HYDE.....	Annapolis, Md.
✓ D'AUMALE VAN ROMONDT.....	Philipsburg, St. Martin, West Indies.

THIRD PREPARATORY CLASS.

✓ EDWARD ABBOTT.....	Annapolis, Md.
✓ W. TAYLOR ASPALD.....	Annapolis, Md.
✓ SAMUEL C. BENJAMIN.....	Annapolis, Md.
✓ WALLACE H. BOYD.....	Annapolis, Md.
✓ REZIN HAMMOND.....	Crownsville, Md.
✓ WILLIAM JICKLING.....	Annapolis, Md.
✓ HEDDING B. LEECH.....	Annapolis, Md.
✓ EDWARD K. MUNROE.....	Annapolis, Md.
✓ W. SPENCER MURRAY.....	Annapolis, Md.
✓ WALTER S. PHILLIPS.....	Crownsville, Md.
✓ JOHN A. WISE.....	Annapolis, Md.

Total in Preparatory Department..... 37

Total in Collegiate Department..... 48

Total in College..... 85

Degrees Conferred on Commencement Day, June 28, 1883.

Bachelor of Arts:

NORMAN VON SCHROEDER, FARQUHAR, Annapolis, Md.
 JAMES DANIEL MURRAY, Annapolis, Md.
 BEALE EDWARD PADGETT (First Honor), Port Tobacco, Md.
 DANIEL RICHARD RANDALL (Second Honor) Annapolis, Md.

*Proficient in Mathematics, Natural Science, Psychology and German,
 and Distinguished Proficient in English and Social Science:*

EDWARD HOOD SINCELL, Oakland, Md.

Proficient in German:

JAMES DANIEL MURRAY, Annapolis, Md.

Distinguished Proficient in German:

LOUIS DORSEY GASSAWAY, Annapolis, Md.

PROSPECTUS

OF THE

Academical Year 1884-1885.

HISTORY, LOCATION AND ACCESS.

THE charter of St. John's College was granted in 1784, and the institution opened in 1789. But under another form and name it had been doing its work during nearly a hundred previous years, and is, therefore, one of the oldest colleges in the country. At the city of St. Mary's, then the capital of Maryland, as early as 1671, the upper house of the General Assembly passed an act "for founding and erecting a school or college for the education of youth in learning and virtue." This was followed by the act of 1696, establishing KING WILLIAM'S SCHOOL, which was opened in 1701. Here were educated some of the most distinguished sons of Maryland—physicians, lawyers, statesmen, clergymen—and pre-eminent among the brilliant number was William Pinkney, whose learning and eloquence have a national fame. KING WILLIAM'S SCHOOL was, in 1784, merged into St. John's College, which has thus been connected with the State of Maryland from the early times of colonial history. Francis Scott Key, author of our favorite national ode, and Reverdy Johnson, distinguished as a lawyer and a statesman, are among its alumni, and many others, scarcely less eminent, could be mentioned.

The college is pleasantly situated at Annapolis, on the banks of the Severn river, a few miles from the Chesapeake bay. Nothing in the country surpasses the picturesque beauty of its situa-

tion. The college green is spacious, amply shaded, and most attractive to the eye, while the campus, in the rear, is admirably adapted for sports. Bordering the grounds, "College Creek," a branch of the Severn, affords every facility for swimming and boating. Indeed, the situation combines every advantage desirable for a college. The buildings are large, commodious, and well adapted for purposes of both classical and technical education, and could accommodate two hundred students.

Annapolis has railroad communication with Baltimore and Washington three times a day, daily steamboat connection with the former city, and telegraphic connection with every part of the country.

COURSE OF STUDY.

The Preparatory Department of the college has three classes, entitled first, second and third, according to the grade of studies. Students of the First Preparatory Class, who pass a satisfactory examination, are qualified for admission into the Freshman Class of the college.

The Collegiate Department embraces three courses: First, the regular Academic Course, occupying four years, and pursued in the Freshman, Sophomore, Junior and Senior classes, entitling the graduates of the Senior Class who shall pass a satisfactory examination to the degree of *Bachelor of Arts*. Second, the Select Course, embracing studies in the different classes, according to the option of parents, and entitling the students who shall complete the course and sustain a satisfactory examination in any special study to the degree of *Proficient* in that study. Third, the Post-Graduate Course, prescribed for students who aspire to the degree of *Master of Arts*, which is conferred only on such graduates of the regular Academic course as shall pursue for two years, at the college or elsewhere, a course of study assigned by the Faculty, and who shall furnish satisfactory evidence of their proficiency in said course by stated examinations, or by submitting to the Faculty, at designated periods, such written theses as may be specifically required of each candidate for said degree. The degree of *Master of Arts* is not conferred *in course*, but only on the evidence of attainments in advanced studies.

TIME AND TERMS OF ADMISSION.

The regular examinations for admission into the College or the Preparatory Department are held on the third Wednesday and following Thursday of September in each year. All candidates for admission are requested to be present on those days. Testimonials of good moral character must be furnished by each applicant, those of former teachers being preferred, and, if from another college, he must present a certificate of honorable discharge.

Candidates for the degree of Bachelor of Arts, to obtain admission to the Freshman Class, must, unless they have passed through the regular course in the Preparatory Department, sustain an examination in the following studies:

English Grammar; U. S. History; History of England; Ancient and Modern Geography; Physical Geography; Arithmetic; Algebra through Quadratic Equations, especially Factoring and Fractions; Hadley's, Goodwin's or Kuhner's Greek Grammar; Greek Reader; Xenophon's *Anabasis*; Harkness', Gildersleeve's or Allen and Greenough's Latin Grammar; Caesar's Commentaries, or some equivalent; Ovid; Virgil; Latin and Greek Composition.

Candidates for admission to any higher class must be examined in all the previous studies of the class they propose to enter.

Students pursuing a Select Course may enter any classes for which they are fitted, the number of their studies being subject to the direction of the Faculty.

Candidates for admission into the lowest class of the Preparatory Department must be well grounded in the elements of a primary English education. They will be examined in Reading, Writing, Spelling, Arithmetic, Geography and English Grammar

SCHEME OF STUDIES

IN THE

Preparatory Department.

Third Preparatory Class.

Reading, Declamation, Spelling and Dictation Exercises.
 English Grammar (begun).
 United States History (begun).
 English Composition and Penmanship.
 Modern Geography (begun).
 White's Complete Arithmetic (begun).
 Allen and Greenough's New Latin Method (begun).

Second Preparatory Class.

Reading, Declamation, Spelling and Dictation Exercises.
 English Grammar (finished).
 United States History (finished).
 White's Complete Arithmetic (finished).
 Allen and Greenough's New Latin Method (finished); Cæsar (begun).
 Modern Geography (finished first term).
 White's Greek Lessons and Goodwin's Greek Grammar (begun second term).

First Preparatory Class.

English Composition, Declamation.
 Maury's Physical Geography.
 Mitchell's Ancient Geography.
 Thalheimer's History of England.
 Wentworth's Complete Algebra (begun).
Latin—Cæsar; Ovid; Virgil; Allen's Latin Prose Composition;
 Allen and Greenough's Grammar.
Greek—White's Lessons (continued); Xenophon's Anabasis;
 Goodwin's Grammar.

COLLEGIATE COURSE OF STUDIES

FOR THE

Degree of Bachelor of Arts.

FRESHMAN CLASS.**FIRST TERM**

Greek—Herodotus; Greek Prose Composition; Goodwin's Grammar; Grecian History (Smith's Student's Greece).

Latin—Virgil's Æneid (continued); Cicero's Select Orations; Allen and Greenough's Grammar, and Latin Prose Composition.

Mathematics—Algebra—Review of Algebra, including Equations of First and Second Degree; Permutations and Combinations; Binomial Theorem; Extraction of Roots; Radicals; Progressions; Wentworth's Complete Algebra; Original Problems.

English Studies—Lounsbury's History of the English Language; Original Essays; Elocution.

SECOND TERM.

Greek—Homer (Iliad); Greek Composition; Goodwin's Grammar; Grecian History (Smith's Student's Greece).

Latin—Livy; Odes of Horace; Latin Composition; Allen and Greenough's Grammar.

Mathematics—Plane and Solid Geometry (Wentworth's); Original Problems.

English Studies—Trench on Words; Original Essays; Elocution.

SOPHOMORE CLASS.**FIRST TERM.**

Greek—Plato (Apologia and Krito); Goodwin's Grammar; Greek Prose Composition.

Latin—Horace's Satires; Cicero de Senectute; Latin Prose Composition; Roman History (Leighton's Rome).

Mathematics—Plane and Spherical Trigonometry (Wheeler's); Peirce's Tables; Original Problems.

Natural Philosophy—Stuart's Physics, with Hill's Questions; Lectures.

English Studies—History of English Literature; Original Essays; Elocution.

SECOND TERM.

Greek—A play of Euripides; Goodwin's Grammar; Greek Prose Composition.

Latin—Horace's Epistles; Terence (Andria); Latin Prose Composition; Roman History (Leighton's Rome).

Mathematics—Analytical Geometry (Todhunter); Original Problems.

Natural Philosophy—Stuart's Physics, with Hill's Questions; Lectures.

English Studies—History of English Literature; Original Essays; Elocution.

JUNIOR CLASS.**FIRST TERM.**

Greek—Demosthenes de Corona; Greek Composition; History of Grecian Literature.

Latin—Tacitus (Germania and Agricola); Latin Composition; History of Roman Literature.

Mathematics—Differential and Integral Calculus.

Chemistry—General Principles; Non-metallic Bodies (Miller's Elements of Inorganic Chemistry).

English Studies—Thalheimer's Mediæval and Modern History; Rhetoric; Original Essays; Elocution.

Modern Languages—French or German.

SECOND TERM.

Greek—A play of Sophocles; Greek Composition; History of Grecian Literature.

Latin—Tacitus (Histories); Plautus (Captives); Latin Composition; History of Roman Literature.

Mathematics—Mechanics (Todhunter's).

Chemistry—General Principles; Non-metallic Bodies (Miller's Elements of Inorganic Chemistry).

English Studies—Thalheimer's Mediæval and Modern History; Original Essays; Elocution.

Modern Languages—French or German.

A course in Free-Hand and Mechanical Drawing, with Linear Perspective and Isometrical Projections, and one lesson a week in Descriptive Geometry, are given throughout the Sophomore and Junior years.

SENIOR CLASS.**FIRST TERM.**

Greek—Thucydides; Aristophanes (Clouds and Birds); Greek Composition; History of Grecian Literature.

Latin—Tacitus (Histories); Juvenal; Latin Composition; History of Roman Literature.

English Studies—Original Essays; Elocution.

Mathematics—Astronomy (White's).

Chemistry—Inorganic (continued); Metals; Lectures.

Modern Languages—French and German.

SECOND TERM.

Greek—Thucydides; A play of Æschylus; Greek Composition; History of Grecian Literature.

Latin—Tacitus (Annals); Quintilian; Latin Composition; History of Roman Literature.

English Studies—Original Essays; Elocution.

Mathematics—Astronomy (White's).

Chemistry—Lectures on Organic Chemistry; Beilstein's Manual of Analysis.

Modern Languages—French and German.

ELECTIVE COURSE IN MATHEMATICS.

Freshman—Curve-tracing.

Sophomore—Calculus.

Junior—"Dynamics of a Particle."

PARTIALLY ELECTIVE STUDIES.

French—Third Class, First Year—Otto's French Conversational Grammar; Voltaire's Charles XII; Exercises in Accidence, Verbs and Syntax.

Second Class, Second Year—Racine's Esther; Labiche and Martin's La Poudre aux Yeux; Saintin's Picciola; Sadler's Translations from English into French; Otto's Grammar; Original Compositions.

First Class, Third Year—Racine's Athalie; Corneille's Le Cid; Moliere's Le Misanthrope; Mme. DeStael's De L'Allemagne; Original Compositions.

German—Third Class, First Year—Grammar (Whitney); Forms and Inflections; Oral and Written Exercises; German Reader (Whitney) or Boisen's Prose.

Second Class, Second Year—Grammar; Syntax; Oral and Written Exercises on Construction of Sentences and on Special Points of the Grammar; Schiller's Wilhelm Tell (Buchheim); Lessing's Minna von Barnhelm (Whitney).

First Class, Third Year—Grammar; Word Formation and Derivation; Special Exercises in Composition; Goethe's Egmont (Buchheim); Goethe's Hermann and Dorothea (Hart); Lectures on Literature and History, and on Relations of German to English.

REMARKS ON STUDIES.

No student will be permitted to discontinue any study except at the close of a term, and then only at the *written* request of his parent or guardian.

Students who do not study Greek will be required to study French or German, and those who do not study either Latin or Greek will be required to study both French and German. These languages will be commenced by such students in the Freshman Class. Students of the regular Academic Course are required to study either French or German during the Junior year, and both French and German during the Senior year, unless they shall have completed the three years' course in these languages before reaching the Junior or Senior year. For classical students below the Junior Class the French and German languages are elective studies.

Apparatus for gymnastic exercises has been erected, the use of which is granted on payment of a small fee.

COURSE OF INSTRUCTION.

The course of instruction embraces the following departments:

I. ANCIENT LANGUAGES—including the Latin and Greek languages, Greek and Roman History, Antiquities and Mythology, and the History of Greek and Roman Literature.

Prof. HOPKINS.

II. MODERN LANGUAGES—including the French and German Languages and Literature.

Prof. LEROUX and HOPKINS.

III. MATHEMATICS—including Pure Mathematics, Mechanics and Astronomy.

Prof. HAGNER.

IV. NATURAL SCIENCE—including Natural Philosophy and Chemistry.

Prof. DAY.

V. HISTORY AND THE ENGLISH LANGUAGE AND LITERATURE—including Mediæval and Modern History, and the History of the English Language and Literature.

Prof. HAGNER.

VI. MECHANICAL ENGINEERING.

Prof. WHITHAM.

The Department of Natural Sciences having been recently reorganized, the following outline of the courses in that department is appended:

Collegiate Course in Scientific Branches.

In the prosecution of study in the scientific department, an effort is made not to flood the memories of students with a long list of facts, but rather in the first place to inculcate a love of truth with habits of careful observation, and in the second place to develop, encourage and train a tendency to *think intelligently* in regard to natural phenomena and to reason back from an observed phenomenon to its cause.

The great value of scientific study in a collegiate course, as a medium of mental discipline, is becoming more and more apparent every day to those interested in education, and in view of the fact that this disciplinary effect is enhanced in proportion to the amount of experimental work performed by the student himself, every effort is made constantly to improve laboratory facilities.

I. PHYSICS—The course in Physics is pursued and is completed by the Sophomore Class. It consists in study from a text book, supplemented by experimental lectures and by laboratory work on the part of the student.

Each student is required, on completing a given laboratory exercise, to write a careful statement of the observations he has made and the conclusions he has drawn from them. This statement is carefully read and criticised by the instructor.

The text book in use is "Stuart's Physics with Hill's Questions." "Ganot's Physics" is used for reference.

II. CHEMISTRY—The course in Chemistry covers the Junior and Senior years. The work of the Junior class is confined to the so-called "non-metals," and the laboratory work of this class is intended especially to cultivate the observing powers and to illustrate carefully the most important *general principles* of chem-

istry, a thorough understanding of which is regarded as a matter of the highest importance.

During the first term of the Senior year the study of the "metals" is taken up: the laboratory practice, while in itself of a somewhat more special or technical character than that of the previous year, still has for its aim the demonstration of fundamental laws rather than the detailed study of particular bodies. During the second term of the Senior year a course of lectures on the "Chemistry of Carbon Compounds," or "Organic Chemistry," will be given. These lectures will constitute a very important part of the course in Chemistry, as it is in this part of the whole field that many of the most important chemical theories have been developed.

The foregoing statements apply particularly, it will be remembered, to the *general course* in Chemistry. Students who desire to make Chemistry a specialty will be afforded ample opportunity for special work, although they will first be required to take the general course before entering upon work of a strictly technical character.

The text books used are as follows:

"JUNIOR—Miller's Elements of Inorganic Chemistry."

"SENIOR—Same as above and Beilstein's Manual of Analysis."

SPECIAL STUDENTS—"Fresenius' Qualitative and Quantitative Analysis," also other books which may be adapted to special cases.

The studies of the several classes have been so arranged as to make instruction in the sciences a prominent part of the Collegiate Course. Additions will from time to time be made to the philosophical apparatus, and every effort used to make the laboratory and cabinet as complete as possible. Contributions for illustration of any of the branches of this department will be thankfully received.

POST-GRADUATE COURSE.

The Post-Graduate Course of Studies, extending through two years, and pursued at the college or elsewhere, is assigned by the faculty to candidates for the degree of Master of Arts.

Candidates for this degree are required to select at least two of the departments of study specified in this catalogue, and, under the direction of the professors in these departments, to pursue their studies for the two years of the Post-Graduate Course, submitting to them such essays, or undergoing such oral or written examinations, as may be required to test their qualifications for this degree.

EXAMINATIONS, REPORTS, CONDUCT.

Written examinations on the studies of the entire term are held at the close of each term. The marks for these examinations are combined with the marks for daily recitations to make up the student's standing for the term. Any student whose examinations, at the close of a year, shall evince an incapacity on his part to pursue with advantage the studies of the class to which he belongs, will have offered to him, on the first day of the next year, an opportunity to retrieve his lost position, and, in default of doing so, will be reduced to a lower class.

A student deficient in knowledge, or persistently neglectful of any study, is at any time liable to be reduced to a lower class in that study.

A merit roll is kept, and each recitation noted on the grade of from 0 to 5. In order to pass from a lower to a higher class in any study, each student must obtain an average of 2.5 on the recitations and on the examinations of the second term, and also an average of 2.5 on the recitations of the whole session, and the same average on the semi-annual and annual examinations combined. Demerits will be given for all absences not excused and for violation of college regulations. Reports respecting conduct and scholarship, including all absences from college exercises, will be sent every term to the parents or guardians of students of the college classes, and monthly to those of students of the preparatory classes. Whenever any student of the Collegiate Department has 100 demerits for any one term, or 150 for the year, or any student of the Preparatory Department has 125 demerits for any one term, or 200 for the year, he must leave the institution.

Each student is required to obey all the laws of the college so long as he shall remain a member of it, and whenever any student

can no longer cheerfully comply with college rules he will be required to leave the institution.

All students are required to be present promptly on the opening day of the session, and no student will be permitted to leave the college while college exercises are progressing, except in cases of urgent necessity, and at the written request of his parent or guardian. The attention of parents and guardians is specially called to these regulations, and their co-operation earnestly requested. They are also solicited, on the occasion of holidays, not to detain students at home beyond the time allotted for suspension of college exercises. Students absent from any cause except protracted sickness will be marked zero on all recitations made during their absence. When the cause of absence is satisfactory to the faculty they will be allowed to make up the omitted recitations.

DEGREES.

The following academic degrees are conferred by the college:

The degree of *Master of Arts*, conferred after completion of the Post-Graduate Course of studies.

The degree of *Bachelor of Arts*, conferred upon students of the Senior Class who shall obtain an average of 3.75 on all the studies of the Senior year.

The Degree of *Proficient*, conferred upon Students of the Select Course who shall complete the course and obtain an average of 4 in any special study during the last year of the course in that study, and upon students of the regular Academic Course in any elective study in which they shall complete the course and obtain a like average.

The degree of *Distinguished Proficient* is similarly conferred upon any student who shall obtain an average of 4.5 in any special study.

Certificates of Distinction of the *First* and of the *Second* Grade are presented to those students in any class who shall have obtained an average of 4.5 and of 4 respectively in all their studies and in conduct for the academic year.

Students who have obtained an average of 4.5 in any one branch of study are honorably mentioned; but no student is honorably mentioned, nor is any certificate or degree conferred upon

any student who has failed to receive the passing mark (2.5) in any one study for the academic year.

LIBRARY.

The library of the college consists of about 6,000 volumes, the use of which is permitted to the students under certain regulations. Through the liberality of the Legislature of 1872, and donations from the classes of '71, '72 and '73, extensive additions have been made to the Library, and, by means of the regular Library fund, subscriptions have been made to a number of American and Foreign periodicals. A complete library being an indispensable auxiliary to the intellectual advancement of professors and students, the claims of the college Library are commended to the alumni of the college and to the friends of education in the State. Any contributions of books or funds for the Library will be gratefully acknowledged.

LITERARY SOCIETIES.

There are two Literary Societies (the Philokalian and the Philomathean) among the students, which afford opportunities for the cultivation of composition and debate. An oration is usually delivered before these societies, on the Tuesday preceding Commencement Day, by some gentleman selected by them.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

A Young Men's Christian Association is in active and successful operation, and has been productive of much good.

SOCIETY OF ALUMNI.

The Society of Alumni holds its annual meetings on the day preceding Commencement Day, on which occasion an oration is delivered by one of its members. All former students who have completed their collegiate education at St. John's College, and left in good standing, are considered members of this society. It numbers on its roll many names prominent in the history of the State.

PUBLIC WORSHIP.

The exercises of each day are opened with the reading of the Scripture and prayer in the College Hall.

All students are required to attend public worship on Sundays at such church as their parents or guardians may direct, and to abstain from whatever is inconsistent with a due observance of the Sabbath. The principles and duties of the Christian Religion will be constantly enforced in the teaching and in the discipline of the college, but no instruction whatever is given or influence exerted in the interest of any particular denomination of Christians.

TERMS AND VACATIONS.

The Annual Commencement of the college takes place on the last Thursday in June.

The collegiate year begins on the third Wednesday in September and ends on the last Thursday in June. The year is divided into two equal terms.

The regular vacations extend from the last Thursday in June to the third Wednesday in September, and from the 23d of December to the first Monday in January, both inclusive. The 22d of February, Good Friday, Easter Monday and the 4th of July are holidays, as is also the Day of Public Thanksgiving appointed by the Governor of Maryland or by the President of the United States.

EXPENSES.

The charge for the entire scholastic year, beginning on the third Wednesday in September and ending on the last Thursday in June, for students lodging and boarding in the College Halls, is \$275.00, not including a fee of \$1.50 per term which each student is required to deposit with the Treasurer, to be paid by him to such church as the student may attend.

This amount covers all the ordinary college expenses for boarders except text-books, and must be invariably paid semi-annually *in advance*; that is, \$137.50 at the opening of the first term in September, and \$137.50 at the opening of the second term, on the 15th of February following. *No deduction will be made except for the protracted absence of a student caused by his sickness.*

For students lodging in the College Halls and having table board elsewhere a proportionate deduction will be made for the session.

For charges paid by incumbents of Senatorial Scholarships see page 27.

The fees of students who reside in Annapolis are as follows :

In the Preparatory Department, for each term, payable in advance, for tuition and all other charges.

First Class	\$30 00
Second Class	25 00
Third Class	20 00

In the Collegiate Department, for each term, payable in advance.

Tuition	\$45 00
---------------	---------

No student will be matriculated, nor will his name be entered upon the rolls of any term, until he shall present to the Faculty a receipt from the Treasurer for all dues and arrearages; and no diploma will be awarded unless the candidate shall present to the Faculty a similar receipt, including fee for diploma, viz:

For the degree of <i>Proficient</i>	\$ 5 00
For the degree of <i>Bachelor of Arts</i>	10 00

Wilful damage will be made the ground of additional charge to be defrayed by the perpetrator.

Students holding Senatorial Scholarships are required to lodge in the College Halls and board at the College Commons. The same requirement is also ordinarily made of other students whose parents do not reside in the city of Annapolis; but upon the request in writing of his parent or guardian, at the beginning of a term, the President may, in his discretion, allow a student to board in the city, in the family of any *relative or friend* who may be willing to become responsible for the orderly deportment of such student. But no boarder in the College Commons will be allowed to change his place of boarding until all arrearages shall have been paid.

Students not holding Senatorial Scholarships are required to provide themselves with furniture, including stove. Furniture may, however, be hired from the Steward at a reasonable rate.

The boarding house will be closed during the Christmas and Summer vacations.

Disbursements will be made for personal expenses of students if funds shall be deposited by parents for this purpose, *but no advances will be made by the college.* Books will also be furnished to students, provided a deposit of ten dollars be made for that purpose at the beginning of each term. At final settlement the unexpended balance, if any, will be refunded.


STATE SCHOLARSHIPS FOR BOARD AND TUITION.

The General Assembly of the State (Acts of 1872, chapter 393, and 1878, chapter 315) has provided for furnishing board, fuel, lights and washing to the incumbent of one State Scholarship from each Senatorial District in the state, to be appointed by the Board of School Commissioners; by and with the advice and consent of the Senators in their respective districts, *after competitive examination. The law requires that the candidates shall produce before the Board of School Commissioners satisfactory evidence of their moral character, and of their inability, or the inability of their parents or guardians, to pay the regular college charges.* A blank form of certificate, drawn in conformity to the above law, will be forwarded to the Secretaries of the several school boards for the use of the appointees to the said scholarships. These scholarships are tenable for four years, and the incumbents are required by law to pledge themselves that they will continue students of the college for the full term of four years, unless prevented by unavoidable necessity, and that they will teach school within the State for not less than two years after leaving college. To obtain a full collegiate education, the object contemplated by the act, candidates should be prepared to enter at least the Freshman Class of the college. The Boards of School Commissioners are *earnestly requested* to exercise great care in the selection of these students, and especially to appoint none deficient in preparation. The faculty is empowered to extend the term of these scholarships one year in the case of worthy students.

The incumbents of these scholarships will hereafter be required to provide their own text-books, and to pay into the treasury of the college, at the beginning of each term, the sum of \$37.50.

There are at this date, July 1, 1884, fourteen vacancies in these scholarships, viz.: one each from the counties of Anne Arundel, Cecil, Charles, Dorchester, Howard, Kent, Montgomery, Queen Anne's, St. Mary's, Somerset, Washington and Worcester, and the First and Second Legislative Districts of Baltimore City.

In filling these vacancies the Boards of School Commissioners are requested (other things being equal) to appoint those candidates who are not less than sixteen years of age and are most advanced in their studies. It is desired that all applicants hereafter should be prepared, in *at least* mathematics and English studies, to enter the Freshman Class of the college.

 The Secretaries of the several School Boards are requested to communicate to the President of the college the names of those former incumbents of these scholarships who are now, or may hereafter be, employed in teaching in their respective counties or in the City of Baltimore.

COLLEGIATE SCHOLARSHIPS.

The following regulations have been made by the Board of Visitors and Governors for the establishment of scholarships in connection with the college:

For a permanent scholarship for tuition, \$1,200. For a permanent scholarship for board and tuition, \$4,000. For a scholarship for the tuition of a student through all the college classes, \$300. For a scholarship for the board and tuition of a student through all the college classes, \$1,000. For any other scholarships the sum reduced shall be in the same proportion, the money in each case to be paid in advance into the treasury of the college.

The establishment of these scholarships is commended to the attention of the alumni and friends of the college.