Annual Catalogue

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St. Plolm's College,

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ANNAPOLIS, MARYLAND.

-FOR THE-

Academic Year 1871-72.

BALTIMORE: CHAS. HARVEY & CO....No. 3 Post Office Ave.

1872.

Hoand of Hisitors and Hovernors.

HIS EXCELLENCY, WM. PINKNEY WHYTE,
Governor of Maryland, ex-officio, Annapolis, Md.

PRESIDENT.

Hon. HENRY SNYDER, President of the Senate, ex-officio, Baltimore, Md. Hon. ARTHUR P. GORMAN, Speaker House of Del., ex-officio, Laurel, Md. Hon. JAS. L. BARTOL, LL. D., C. J. Court of Appeals, ex-officio, Baltimore, Md. Hon. James A. Stewart Judge, " Cambridge, Md. Hon. John M. Robinson, Annapolis, Md. " Towsontown, Md. Hon. RICHARD GRASON. Rockville, Md. Hon. RICHARD I. BOWIE, LL. D., " Hon. RICHARD H. ALVEY, Hagerstown, Md. Baltimore, Md. Hon. GEORGE BRENT. Annapolis, Md. Hon. OLIVER MILLER.

I. NEVETT STEELE, Esq., Baltimore, Md. DANIEL M. HENRY, Esq., Cambridge, Md. JOHN G. PROUD, Esq., Baltimore, Md. Hon. ALEXANDER RANDALL, Annapolis, Md. THOMAS KARNEY, Esq., Annapolis, Md. "Jos. H. Nicholson, Esq., Annapolis, Md. JOHN RIDOUT, M. D., Annapolis, Md. FRANK H. STOCKETT, Esq., Annapolis, Md. JAS. MACKUBIN, Esq., Ellicott City, Md. NICHOLAS BREWER, Esq., Treasurer, Annapolis, Md. Hon. John Thomson Mason, Secretary, Annapolis, Md. Hon. EDWARD HAMMOND, Ellicott City, Md. Hon. Wm. H. Tuck, Annapolis, Md. GEORGE WELLS, Esq., Annapolis, Md. D. M. THOMAS, Esq., Baltimore, Md. Sprigg Harwood, Esq., Annapolis, Md. JAMES MUNROE, Esq., Annapolis, Md. Hon. GEORGE WM. BROWN, Baltimore, Md. Rt. Rev. Wm. Pinkney, D. D., Washington, D. C. Johns Hopkins, Esq., Baltimore, Md. Hon. Thos. J. McKaig, Cumberland, Md. JOHN T. MATHIAS, Esq., Westminster, Md. Hon. Wm. T. Hamilton, Hagerstown, Md. N. H. Morison, Esq., LL. D., Baltimore, Md. Hon. Lewis H. Steiner, Frederick, Md.

*Deccased,

Faculty and Instructors.

JAMES M. GARNETT, M.A., PRINCIPAL,
PROFESSOR OF HISTORY, AND OF THE ANGLO-SAXON AND ENGLISH LANGUAGES AND
LITERATURE.

REV. C. K. NELSON, D. D., VICE PRINCIPAL,
PROFESSOR OF MENTAL, MORAL AND SOCIAL SCIENCE, AND LECTURER ON NATURAL AND
REVEALED RELIGION AND THE EVIDENCES OF CHRISTIANITY.

REV. JULIUS M. DASHIELL, A. M.,
PROFESSOR OF THE GREEK AND LATIN LANGUAGES, THEIR LITERATURE AND HISTORY.

HARRY C. WHITE, B. S., C. AND M. E.,

PROFESSOR OF MATHEMATICS, LECTURER ON MECHANICS AND ASTRONOMY, AND ASSISTANT PROFESSOR OF NATURAL SCIENCE.

ABRAM CLAUDE, A. M., M. D.,

PROFESSOR OF NATURAL PHILOSOPHY, CHEMISTRY, MINERALOGY AND GEOLOGY, AND LECTURER ON ZOOLOGY AND BOTANY.

WILLIAM H. HOPKINS, A. M.,

PROFESSOR OF GERMAN, AND ASSISTANT PROFESSOR OF THE GREEK AND LATIN LANGUAGES.

B. MAURICE, LL. D.,

PROFESSOR OF THE FRENCH LANGUAGE AND LITERATURE.

HENRY TROSTDORF,

PROFESSOR OF VOCAL AND INSTRUMENTAL MUSIC.

ANDREW W. WARREN,
PROFESSOR OF DRAWING.

J. GRATTAN HAGNER, A. M.,

W. E. THOMPSON, A. M., TUTOB IN ENGLISH AND BOOK-KEEPING.

THOMAS PATTON.

TUTOR IN ENGLISH.

M. STROHM,

INSTRUCTOR IN GYMNASTICS.

FRANCIS B. ADAMS, LIBRARIAN.

NON-RESIDENT PROFESSORS.

REV. WILLIAM L. GAGE, A. M.,

PROFESSOR OF PHYSICAL GEOGRAPHY AND ITS RELATIONS TO THE HISTORY AND INDUSTRIAL RESOURCES OF NATIONS,

S. S. HALDEMAN, A. M.,

PROFESSOR OF NATURAL HISTORY, AND LECTURER ON ETHNOLOGY AND COMPARATIVE PHILOLOGY.

Catalogue of Students

DURING THE YEAR 1871-72.

Senior Class.

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NAMES.	POST OFFICE.
WILLIAM H. HARLAN	Hopewell Cross Roads, Md.
ROBERT H. HOOPER	
JAMES D. IGLEHART	Davidsonsville, Md.
IREDELL JOHNSTON	Edenton, N. C.
George W. Munroe	
C. Kinloch Nelson	Culpeper C. H., Va.
PHILEMON H. TUCK	
John S. Wirt	Elkton, Md.
Senioes	8

Junior Class.

Francis B. Adams	
SAMUEL T. ASHE	
Walter R. Crabbe	Baltimore, Md.
JAMES P. DAWSON	Easton, Md.
FREDERICK EMORY	Centreville, Md.
HENINGHAM GORDON	Baltimore, Md.
Julian S. Howard	Washington, D. C.
LEIGHTON PARKS	
Samuei Ridout	Annapolis, Md.
WILLIAM RITCHIE	Frederick, Md.
SYDNEY WALLER	Princess Anne, Md.
WILLARD H. WILSON	Easton, Md.
HENRY B. WIRT	Elkton, Md.
T	. 40

Sophomore Class

Orlando B. Batten	Baltimore, Md.
· John P. Briscoe	Chaneyville, Md.
George A. Brown	Baltimore, Md.
GEORGE W. GREENWAY	Baltimore, Md.
/ WILLIAM J. GRIFFIN	
CLARENCE L. MITCHELL	Hereford, Md.
James M. Munroe	Annapolis, Md.

Circular of St. John's College.

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NAMES.	POST OFFICE.
TIME NEIGON	Annapolis, Md.
HUGH NELSON. KEATING S. NELSON.	Culpeper C. H., Va.
Dringer BANDALL	Annapons, mu.
JOHN K. RANDALL	Annapolis, Md.
I T TTIND	Easton, M.G.
Joseph R. Wilmer	Port Tobacco, M.J.
W. Sydney Wilson	Snow Hill, Md.
SOPHOMORES	
1874 Freshma	n Elass.K75
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Solon Arnold	Arnold's P. O. A. A. Cow Md
H. Macpherson Baldwin	Annapolis, Md.
Richard D. Burroughs.	Upper Marlhoro', Md.
JAMES M. CARLISLE, Jr	Washington, D. C.
GORDON H. CLAUDE	Annapolis Md
Washington C. Claude	Annapolis Md
WILLIAM J. DUKES	Hillshoro' Md
WILLIAM J. DUKES	Washington D C
T. Munroe Elliott	Christianshurg Va
BENJAMIN A. GRAY	South River Md
WALTER S. HADDAWAY	Tranna Md
V Sydney O. Heiskell	Washington D C
Daniel W. Hopkins	Havra da Grace Md
John B. Kimberly	Fortross Monroe Ve
JOHN B. KIMBERLY	Ouentico Md
SAMUEL KENNERLY	Traderiel Md
CHARLES G. MANTZ	Weshington D. C.
JAMES C. McGuire, Jr	Amanalia Md
JOHN J. McLEANFRANCIS B. RAMSBURGH	Duckeystown Md
FRANCIS B. RAMSBURGH	Buckeystown, Mu.
ALEXANDER B. RANDALL	Annapous, mu.
FREDERICK SASSCER, dr. A. C. C.	TO THE MAN ASSESSMENT OF THE CONTROL
WILLIAM S. STONE	Princess Anne, Mu.
WALLACE A. THOMAS	Aquasco, Md.
WILLIAM WILCOXON	Frederick, Mid.
J. Marion Wilkinson	Hillsboro', Md.
WILLIAM G. G. WILLSON	
Freshmen	26.
TOTAL IN COLLEGIATE DEPA	RTMENT61.

PREPARATORY DEPARTMENT.

PIRST PREPARATORY CLASS.

NAMES.	and Car. Crist.
	POST OFFICE.
George V. Bacon	·····Elkton, Md.
Samuel L. Casey, Tr. Floyd Chaney, Jr. Caleb V. Cherbonniar	Caseyville, Ky.
Colob V. Charley, Jr.	Baltimore, Md.
Caleb V. Cherbonnier. J. Thomas Clarke. James E. Conner.	Baltimore, Md.
James E. Conner. Stephen D. Coulbourn	Denton, Md.
From D. Component	Th. 1.4
Lemuel Fugitt. James Gilmore	Annapolis, Md.
John W. Hodges C. Iredell Iglebart	Annapolis, Md
Thomas H. Johnston	····· Washington D C
Caspar Quynn. Burton A. Randell	·····.Frederick Md
Frank H. Thompson	Appendia M.
Frank H. Thompson. George Walker.	Roltimore Wa
FIRST PREPARATORY C	T Daiminore, Ma.
- HEL ARATORY C	LASS22.

SECONE PREPARATORY CLASS.

First Section.

	Occion,
Roger B. Berry	Title
Roger B. Berry Frank Bryan	Pikesville, Md.
Frank Bryan. Charles T. Chance	····· Nottingham, Md.
Charles T. Chance	Annapolis, Md.
Charles T. Chance. Harry Conklin	····. Annapolis, Md.
Harry Conklin. Theodore S. Corner	
Charles T. Grant 77-7)	Annapolis, Md.
David Harlan The	
Reuben Harlan	
W. Gaston Hooner	
Philip V. H. Lansdale	·····Annapolis, Md.
	- ,

Circular of St. John's College.

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NAMES.	POST OFFICE.
John Lindenborn	
H. McPherson Mantz	Frederick, Md.
James W. Meade	
G. William Miller	Frederick, Md.
✓J. Elliott Nichols	
Allen G. Quynn	
Robert H. Slee	• • • • • • • • • • • • • • • • • • • •
Frank H. Stockett, Jr	
Robert B. Thawley	
B. Norris Trego	
George R. Tydings	
Samuel O. Wells	Port Tobacco, Md.
SECOND PREPARATORY	CLASS, FIRST SECTION24.
<i>b</i>	
Sec	cond Section.
Franklin T Almony	Shane P.O., Baltimore Co., Md.
	Rippon, Jefferson Co., W. Va.
Edwin C. Conklin	
David K. Cramer	
William Gibbs	
Joseph F. Glacken	F
Philip J. Miller	A ,
William B. Rider	
John T. Russell	Annapolis, Md.
J. Noble Stockett	South River, Md.
Henry A. Stump	
/ John H. Wells	
	CLASS, SECOND SECTION13.
	Canada Carolion Carolion
TOTAL IN PREPARATORY	DEPARTMENT59.
TOTAL IN COLLEGIATE I	DEPARTMENT



PROSPECTUS

ACADEMICAL YEAR, 1871-72.

Location and Access.

St. John's College, founded in the year 1784, and endowed by the State of Maryland, is pleasantly situated at Annapolis, on the banks of the Severn River, a few miles from the Chesapeake Bay, which is in full view. Its buildings, three in number, are large and well constructed for the accommodation of youth. Its grounds afford ample facilities for exercise, and the waters of the Severn for bathing and boating. The situation is eminently healthy.

Annapolis has railroad communications with Baltimore and Washington twice a day; daily steamboat communications with Baltimore, and telegraphic connection with all parts of

the country.

Course of Study.

The Preparatory Department of the College has two classes, entitled 1st and 2nd, according to the grade of studies. Students of the 1st Preparatory Class; who pass a satisfactory examination, are qualified for admission into the Freshman Class of the College.

The Collegiate Department embraces three courses: 1st, 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. 2nd, The Select Course, embracing studies in the different classes, according to the option of parents, and entitling the student, who shall complete the course and sustain a satisfactory examination in any special strong to the degree of Proficient in that study. 3rd, The Post-Strong during the prescribed for students who aspire to the degree 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 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 satisfactory attainments in advanced studies.

Vocal and Instrumental Music, and Drawing, are taught at special charges, on terms arranged between students and the Professors of Music and Drawing.

Time and Terms of Admission.

The regular examinations for admission into the College or the Preparatory Department, are held on the Monday and Tuesday preceding the last Wednesday of July, and on the Monday and Tuesday preceding the first Wednesday of October in each year. All candidates for admission are required to be present on those days. Satisfactory evidence of good inoral character must be furnished by each applicant, testimonials of former teachers preferred, and if he comes from another College, he must present a certificate of honorable discharge.

Candidates for the degree of Bachelor of Arts, in order 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; Micient and Modern Geography; Arithmetic; Algebra to Quadratic Equations; Geometry, first book; Hadley's or Kühner's Greek Grammar; Greek Reader; Xenophon's Anabasis; Harkness's or Allen's Latin Grammar, Casar's Commentaries, or some equivalent; Sallust; 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.

PREPARATORY DEPARTMENT.

SECOND PREPARATORY CLASS.

No. of Hours per Week.

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Second Section.

English Studies

Reading. - Concert and Individual Reading: Declamation; McGuffey's Fifth Reader.

Spelling.—Worcester's School Dictionary; Dictation Exercises. English Grammor.—Parker's; Word Parsing; Logical Analysis.

Geography.—Cornell's High School.

Arithmetic.—Davies' New School.

Latin.—Harkness's Introductory Latin Book. English Composition, Penmanship and Map Drawing.

First Section.

English Studies.

Reading. -- Concert and Individual Reading; Declamation; McGuffey's Fifth Reader.

Spelling.—Worcester's School Dictionary; Dictation Exercises. English Grammar.—Holmes's; Word Parsing: Logical Analysis. History.—Holmes's United States.

Arithmetic.—Davies' University.

Latin .- Allen's Manual Grammar, and Lessons.

Greek.—Boise's Greek Lessons. English Composition and Penmanship.

PISST PREPARATORY CLASS.

English Studies:

Electron.—Select Readings: Declaration.

Ancient Geography.-Mitchell's.

History.—Student's Hume.

Mathematics.—Davies' New Elementary Algebra; Chauvenet's Geometry (First Book.)

Latin.—Cæsar; Sallust; Virgil; Latin Prose Composition; Allen's Manual Grammar, and Lessons.

Greek.—Xenophon's Anabasis; Greek Prose Composition; Hadley's Grammar.

English Composition and Map Drawing.

Book-Keeping.—Bryant and Stratton's.

Commercial Arithmetic.—Crittenden's.

Collegiate Course of Studies

DEGREE OF BACHELOR OF ARTS.

Freshman Class.

No. of Hours

per Week.

Greek.—Homer's Had; Greek Antiquities and Mythology; Arnold's Greek Prose Composition; Hadley's Grammar.

Latin.—Virgil's Æneid, continued; Cicero's Select Orations; Livy; Roman Antiquities and Mythology: Allen's Latin Prose Composition: Allen and Greenough's Grammar.

Mathematics-Algebra.-Review of Algebra, including Equations of First Degree, Equations of Second Degree: Permutations and Combinations: Binomial Theorem: Extraction of Roots: Radicals; Theory of Exponents, (Davies' Bourdon;) Original

Geometry.—Plane Geometry, (Chauvenet's I., II. and III. Books;) Original Problems.

Natural History.—Zoology, (Agassiz and Gould's.) English Studies—History.—Smith's Student's Greece.

Language.—Hart's Composition and Rhetoric: Original Essays: Elocution.

Second Term.

Greek.—Herodotus; Selections from Odyssey; Greek Antiquities, Mythology and Composition: Hadley's Grammar.

Latin.—Livy, continued; Odes and Epodes of Horace; Roman Antiquities, Mythology and Composition: Allen and Greenough's Grammar.

5 Mathematics Algebra. - Progressions; Series; Binomial Formula; Exponential Quantities: Theory of Logarithms, (Davies' Bourdon:) Original Problems.

Geometry.—Plane Geometry, (Chauvenet's IV., V. and VI. Books;) Original Problems.

Natural History.—Botany, (Gray.)

English Studies-Continued.

Sophomore Class.

- Greek.—Xenophon's Memorabilia; Euripides, (Alcestis or Medea;) History of Greek Literature: Greek Prose Composition.
- Latin.—Horace's Satires: Cicero de Senectute: History of Roman Literature: Latin Prose Composition.
- Mathematics-Algebra.-Higher Equations, (Davies' Bourdon.)

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No.	of	Hours	
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Geometry.—Solid Geometry, Modern Geometry, (Chauvenet's;) Original Problems.

3 Natural Philosophy.—Ganot's Physics, (Atkinson's edition;) Lectures.

English Studies—History.—Liddell's Student's Rome.

Literature.—Shaw's Manual of English Literature; Original Essays; Elocution.

Second Term.

5 Greek.—Krito and Apologia of Plato; Lucian's Dialogues; Greek Literature and Composition.

5 Latin,—Horace's Epistles; Cicero's Epistolæ ad Atticum; Terence, (Andria;) Roman Literature and Latin Composition.

Mathematics.—Plane and Spherical Trigonometry, (Chauvenet's;) Mensuration, Surveying and Levelling; Original Problems.

Natural Philosophy.—Ganot's Physics, (Atkinson's edition;) Lectures.
 English Studies—Continued.



First Term

Greek.—Plato's Phædo; Sophocles, (Œdipus Tyrannus, Ajax, or Philoctetes;) Greek Composition.

Latin.—Cicero's Questiones Tusculane and Academica; De Officiis; Latin Composition.

5 Mathematics.—Descriptive Geometry, (Schooler's;) Analytical Geometry, Conic Sections, (Puckle;) Original Problems.

3 Chemistry.—Fownes' Chemistry, (new edition;) Lectures.
3 Moral Philosophy.—Butler's Ethical Discourses: Lectures.

Morat Philosophy.—Butler's Ethical Discourses; Lectures, English Studies—History.—Student's Gibbon.

Language.—Craik's English of Shakespeare; Original Essays; Elocution.

Second Term.

Greek:—Æschylus, (Prometheus Bound;) Thucydides; Greek Composition.

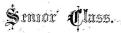
Latin.—Juvenal; Plautus, (Captives;) Latin Composition.

5 Mathematics.—Differential Calculus; (Courtenay;) General Theory of Equations, (Davies' Bourdon.)

3 Chemistry.—Fownes' Chemistry, (new edition;) Lectures.

3 Natural Theology.—Paley's Natural Theology; Lectures.

English Studies—Continued.



First Term.

Greek.—Plato's Republic; Thucydides; Aristophanes, (Clouds and Birds;) Greek Composition.

Latin.—Quintilian; Persius; Tacitus; Latin Consposition.

No. of Hours per Week.

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Mathematics.—Integral Calculus and Calculus of Variations,
(Courtenay.)

5 Mental Philosophy.—Sir Wm. Hamilton's Metaphysics; Lectures.
Evidences of Christianity.—Butler's Analogy; Lectures.

Mineralogy—(Dana;) Lectures.

English Studies—History.—Guizot's History of Civilization; Student's Hallam; Lectures on Modern History. Anglo-Saxon.—March's Anglo-Saxon Grammar and Reader; Corson's Handbook of Anglo-Saxon and Early English; Lectures on Comparative Grammar of the Teutonic Languages, and on the English Language; Original Essays; Elocution.

Second Term.

Greek.—Demosthenes' Orations; Aristotle's Ethics and Politics;
Greek Composition.

Latin.—Tacitus; Lucretius; Latin Composition.

3 Mathematics.—Mechanics, (Smith's;) Astronomy, (Norton's;) Lec-

(Logic.—Sir Wm. Hamilton's Logic; Lectures.

5 Social Science.—Lectures on Political Economy and Constitutional

2 Geology—(Dana;) Lectures.

3 English Studies—Continued.

Elective Studies.

FRENCH.—4th Class, 1st Year—[First Preparatory Class]—Greene's First Lessons in French; Carmontel's Le Poulet and L'Enragé; Exercises in Accidence and Verbs.

3d Class, 2d Year—[Freshman]—Otto's French Conversational Grammar; Le Sage's Gil Blas; Cervantes' Don Quichotte; Exercises in Syntax.

2d Class, 3d Year—[Sophomore]—Racine's Esther; Labiche and Martin's La Poudre aux Yeux; Racine's Les Plaideurs; Sadler's Translations from English into French.

1st Class, 4th Year—[Junior]—Racine's Andromaque; Molière's Le Médecin malgré lui; Molière's Le Misanthrope; Sadler's Translations from English into French; Original Compositions.

Advanced Class—[Senior]—Mme. de Stael's De L'Allemagne; Corneille's Le Cid, (Prof. Joynes' edition;) Verniolles' Cours de Rhétorique Française; Original Compositions.

GERMAN.—3d Class, 1st Year.—Grammar: Forms and Inflections; Oral and Written Exercises; Selections from Krummacher, Grimm and Andersen.

2d Class, 2d Year.—Grammar: Syntax; Word Formation and Derivation; Oral and Written Exercises on the Construction of Sentences and on special points of the Grammar; Selections from German Poetry; Extracts from Dramatic master-pieces.

1st Class, 3d Year.—Review of Grammar; Composition, continued.
Translations: Goethe's Egmont; Iphigenie auf Tauris, or Hermann
und Dorothea; Schiller's Wilhelm Tell, or Maria Stuart; Lectures
on Literature and History, and on Relations of German to English.
Text-Books.—Whitney's German Grammar and Reader.

BOOK-KEEPING AND COMMERCIAL ARITHMETIC.—A course of study in these branches has been organized, and is designed especially for those students who propose to enter mercantile life. The course embraces both Single and Double Entry Book-Keeping and Commercial Calculations. Particular attention is paid to simple mercantile forms, to Banking and Foreign Commission.

APPLIED CHEMISTRY.—The studies of this Class at present are optional.

Gymnastics.—Gymnastic exercises are optional, but those who desire to practice them are arranged in classes, under the superintendence of a regular Instructor.

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 in the First Preparatory Class. For students of this class who do not study Latin or Greek, a course in Book-Keeping and Commercial Arithmetic is also organized, in which they will be trained for mercantile life. The studies of students of the Second Preparatory Class who do not study the Classics, will be so arranged that their time will be fully occupied. For classical students the French and German languages, and the course in Book-Keeping, are elective studies. Apparatus for Gymnastic exercises has been recently erected, and regular hours of exercise assigned for each class. The use of the Gymnasium 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 Antiquities and Mythology, and the History of Greek and Roman literature.

Prof. Dashtell and Ass't Prof. Hopkins.

II. Modern Languages—Including the French and German languages and literature.

Profs. MAURICE and HOPKINS.

- III. Mathematics—Including Pure Mathematics, Mechanics and Astromony. Prof. White.
- IV. NATURAL SCIENCE—Including Natural Philosophy, Chemistry, Mineralogy and Geology, the elements of Zoology and Botany, and Applied Chemistry.

Prof. CLAUDE and Ass't.-Prof. WHITE.

- V. Mental, Moral and Social Science—Including Metaphysics, Logic, Ethics, Natural and Revealed Religion and the Evidences of Christianity, Political Economy and Constitutional Law.

 Vice-Principal.
- VI. HISTORY AND THE ENGLISH LANGUAGE AND LITERATURE—
 Including Ancient and Modern History, the English and Anglo-Saxon languages and their literature, and an outline of the general principles of Comparative Grammar.

 PRINCIPAL.

The departments of History and the English Language and Literature, and of Natural Science, having been recently reorganized, the following outline of the courses in these departments is appended:

Department of History and the English Language and Literature.

In this department instruction will be given—

1st. In History.—A thorough knowledge of Greek and Roman history is believed to be the basis of all historical study,

and these will first be carefully learned. This will be followed with a general outline of history, after Gibbon, from the accession of Commodus to the fall of Constantinople. After this the history of the Middle Ages will occupy the attention of the student, which will be succeeded by as extended a notice of modern European and American history as the limited time will permit. During the latter portion of the course an effort will be made to trace the causes which have combined to produce the present state of modern civilization.

2d. In the English and Anglo-Saxon Languages and THEIR LITERATURE.—Under this head the art of Composition and Rhetoric will first be studied, with frequent exercises in written composition and declamation. The history of English literature will then be taken up, and the lives of authors studied in connection with specimens of their writings, which will be criticised in class. After this the English of the Elizabethan age will be made a subject of study, and the most marked points of difference between Elizabethan and modern English noted and commented on. Finally, the Anglo-Saxon language will be carefully studied, and in connection with it lectures delivered on the origin and history of the English language, and on the Comparative Grammar of the Teutonic languages, free use being made of the valuable works of March, Marsh, Heyne and Helfenstein, and an outline given of the classification of languages, particularly the branches and subdivisions of the Indo-European family, and of the general principles of Comparative Grammar, after Schleicher, and manuscript notes on the lectures of Prof. George Curtius, of Leipzig.

Department of Natural Science.

In this department instruction will be given—

1st. In Zoology—viewing the animal kingdom as a whole, observing the types of organs which, variously modified, pervade the genera, classes, families and branches, in which existing and extinct animals are arrayed, and taking a general survey of comparative anatomy and physiology.

2d. In Botany—comprehending the anatomy and physiology of plants, and their classification, according to the natural and artificial methods, &c.

3d. In Physics—examining the fundamental laws of force, and its products, motion and equilibrium, and the application of these, first, to the action and reaction of masses—solid, liquid, and gaseous—embracing mechanics, hydrostatics and pneumatics; second, of molecules, embracing light, heat, electricity and magnetism, in their relations to physics; third, to the interaction of molar and molecular forces, embracing "the correlation and conservation of forces," the whole applied to the explanation of the phenomena of nature and combinations of art.

4th. In Chemistry—comprehending the laws of heat, electricity, and light, in their chemical relations; a description of the elements and their important compounds, binary and complex, their properties, classification, laws of union and separation, and the theories (atomic and others) by which these are explained; the chemical nomenclature, symbols and notation, and the principles on which they are founded, the whole, as far as possible, illustrated by experiment, and accompanied with instruction in manipulation.

5th. In Mineralogy and Geology—of which sciences a general survey will be taken after completion of the course in Physics and Chemistry.

6th. In Applied Chemistry.—Lectures are delivered in this class upon Chemistry as applied to the Industrial Arts. Metallurgy is first treated, embracing a description of the most important metallic ores, and the methods of extraction of metals from ores. The most important commercial chemicals are then taken up and their characters and methods of manufacture fully described. The manufacture of glass, porcelain, &c., is described and explained. Agricultural Chemistry is next treated, embracing the chemical nature of plants and soils, and character and nature of fertilizers and manures. Then follow the useful arts, bleaching, dyeing, calico printing, manufacture of gunpowder and other explosives, printing, and manufacture of candles, gas and illuminating oils.

As extended a treatment of these subjects will be given as is possible in the time allowed.

In the course above sketched the Professors will endeavor, first, to educate the mental faculties of pupils, training them to compare, to generalize, to ascend inductively from facts to principles, to descend deductively from principles to facts; second, to impart such knowledge of its subjects as all liberally educated persons should possess; third, to make it sufficiently thorough to indicate whether any pupil has such natural taste and aptitude for the study of any one of its branches, as should induce him to make its pursuit his special avocation.

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 of Studies.

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. This course will relate mainly to open questions in all departments of physical, literary, philological, or speculative inquiry, and theses in each will be prescribed to candidates according to the current aspects of science and investigation in the most interesting branches of human study and thought. In the assignment of such theses regard will also be had to the favorite studies of the individual candidate, that the spirit of original inquiry in each may be duly encouraged.

Candidates for this degree are required, within three months after graduation, to select at least two of the departments of study specified in this Catalogue (p. 14), 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 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, each student must obtain an average of at least 2.5 each on his recitations and on his examinations for the Academic year. Demerits will be given for absence and for violation of College regulations. Reports respecting conduct and scholarship, including all absences from College exercises, will be sent every two months to the parents or gaurdians of the students. 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.

On admission each student is required to sign a pledge on his honor 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 is expected to comply with his pledge and 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 going on, except in case 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 earnestly solicited, on the occasion of holidays, not to detain students at home beyond the time allotted for suspension of College exercises.

Circular of St. John's College.

Degrees and Certificates.

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 4.5 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.

Certificates of Distinction of the First and of the Second Grade are presented on Commencement Day to those students of the regular Academic Course 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.

A Certificate of Honorable Mention is presented on Commencement Day to those students of the Select Course who shall have obtained an average of 4.5 in all their studies and in Conduct for the Academic year. Students who have obtained this average in any one branch of study are honorably mentioned on Commencement Day, but no student is honorably mentioned, nor is any Certificate or Degree conferred upon any student, who has received an average of less than 2.5 in any one study, for the Academic year.

Library.

The Library of the College consists of about 3,000 volumes, the use of which is permitted to the students under certain regulations. A complete library is considered an indispensable auxiliary to the intellectual advancement of Professors and students, and the claims of the College Library are commended to the Alumni of the College, and the friends of education in the State. Any contributions of books or funds for the Library will be gratefully acknowleged.

Literary Societies.

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

Society of Alumni.

The Society of Alumni holds its annual meetings on 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 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 teachings 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.

Young Men's Christian Association.

A Young Men's Christian Association has been formed among the students, which affords opportunities for Christian effort to those desiring to avail themselves of them.

Terms and Vacations.

The Annual Commencement of the College takes place on the last Wednesday in July.

The College year begins on the first Wednesday in October, and ends on the last Wednesday in July. The year is divided into two equal terms.

Circular of St. John's College.

The regular vacations extend from the last Wednesday in July to the first Wednesday in October; from the 23d of December to the first Monday in January, and from Good Friday to the Monday following, both inclusive. The 22d of February and the 4th of July are holidays, as 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 first Wednesday in October and ending on the last Wednesday in July, is \$250.00 This amount covers all the ordinary College expenses except for text-books, and must be invariably paid semi-annually in advance, that is \$125.00 at the opening of the first term in October, and \$125.00 at the opening of the second term, on the first of March following. No deduction will be made, except for protracted absence caused by sickness. Books, stationery and clothing will be furnished at the lowest

possible rates, if funds shall be deposited by parents for this purpose, but no advances will be made by the College.

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

Tollows.
In the Preparatory Department, for each term, payable
in advance
in the Congrate Department, for each term payable
in advance
The extra charges are as follows:
Copy of the Laws of the College
~ cat in Charen har tarm
Library Fee 1.50
Library Fee Use of Gymnasium Diploma of Professort 3.00
Diploma of Proficient at anodastic
Diploma of Proficient, at graduation Diploma of Rankelov of Activities 5.00
- Promise of Buchelor of Arts, at organization
The deposit of \$5 is made at the opening of each year based
denis who reside in the College, in order to most the same
or damage done to the College property
Wilful damage will be made the ground of additional charge
to be defrayed by the pomotroter

to be defrayed by the perpetrator.

State Scholarships.

A system of one hundred and fifty State Scholarships has been founded by the Board of Visitors and Governors of St. John's College on the annual donation received by the College from the State. Each of these Scholarships entitles the holder, in whose name it is issued, to exemption from the payment of room rent and tuition fees if, on examination, he is found qualified to enter any class in the Preparatory Department or College. The Preparatory Department corresponds, in the scope and quality of its studies, to a High School.

Each Senatorial District of the State is entitled to six of these Scholarships, which are filled by the School Commissioners of each District; and in case more than six shall be nominated from any District, the Faculty will select the six best qualified to enter the Institution. All Scholars thus selected are required to conform to the rules and regulations of the College.

In addition to tuition and room rent, the College authorities engage during the coming year to furnish board in the College Commons, (including fuel, lights, washing and text-books,) to all incumbents of State Scholarships at the rate of \$200 per annum, payable in advance, in semi-annual instalments of \$100 at the beginning of each term in the scholastic year.

Books furnished to the holder of a State Scholarship, if damaged or lost, will be charged to him at their full cost. An inspection of such books is made every month.

In order to secure greater efficiency to the College and a higher appreciation of the State's liberality, it is recommended to the Boards of School Commissioners to make these Scholarships the rewards of competitive examinations, and to grant certificates to none who are not fully qualified to enter the Preparatory Department of the College.

The General Assembly of the State has recently provided for furnishing board, fuel, lights and washing to two of the six incumbents of State Scholarships 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. Full particulars concerning these appointments will be found in the Circular appended to the Catalogue.

DEGREES CONFERRED

Certificates of Pistinction Awarded

COMMENCEMENT DAY, July 26th, 1871.

Honorary Degrees.

Doctor of Laws-Hon. JAMES L. BARTOL, HON. RICHARD I. BOWIE, NATHANIEL H. MORISON, Esq.

DOCTOR OF DIVINITY—REV. BENJAMIN B. GRISWOLD.

MASTER OF ARTS-DR. THOMAS WELCH, J. GRATTAN HAGNER, WILLIAM E. THOMPSON

Graduate Degrees.

BACHELOR OF ARTS-R. RIDDELL BROWN, CALDERON CARLISLE, SAMUEL GARNER, JR., Z. TAYLOR PINDLE, HENRY H. QUYNN. L. ALLISON WILMER.

Certificates of Distinction in all Studies.

FIRST GRADE.

Senior Class-L. ALLISON WILMER. SECOND GRADE.

Senior Class—R. RIDDELL BROWN, CALDERON CARLISLE, SAMUEL GARNER, JR., Z. TAYLOR PINDLE, HENRY H. QUYNN.

Junior Class-GEORGE W. MUNROE, C. KINLOCH NELSON, PHILEMON H. TUCK, JOHN S. WIRT.

Sophomore Class-FREDERICK EMORY, WILLARD H. WILSON, HENRY B. WIRT.

Freshman Class—JOSEPH R. WILMER.

Circular.

ST. JOHN'S COLLEGE,

Annapolis, Md., May 31st, 1872.

To the Secretary of the Board of

DEAR SIR:—I have the honor to state, for your information and guidance, the following provisions of an Act (Chapter 393) recently passed by the General Assembly of the State. This Act provides for furnishing,

"In the Collegiate course" of this College, "board, fuel, lights and washing, to two of the Students educated free of charge for tuition from each Senatorial District of this State, and appointed by the Commissioners of the Primary Schools, by and with the advice and consent of the Senator, in their respective Senatorial Districts, after a competitive examination of candidates; Provided, that the said appointment shall not be held by the same Student for more than four years, and that each Student receiving such appointment shall give his bond to the State of Maryland, for such amount with such security as may be approved by the Principal of said College, that he will teach school within the State for not less than two years after leaving College; and should any Student neglect or refuse to teach the length of time required by this Section, his bond shall be liable."

You are aware that under the present regulations of the Board of Visitors and Governors, in virtue of the State annuity, six Students from each Senatorial District in the State are educated free of charge for tuition, room-rent and use of textbooks, and that these Students pay two hundred dollars each for board, fuel, lights and washing. The Act recently passed furnishes board, fuel, lights and washing, to two of this number of Students, who are to be appointed by the Board of School Commissioners, after a competitive examination of the candidates, the appointments being subject to the approval or disapproval of the State Senator. The number of State Scholars is not increased, but two of these are maintained, subject to the provisions of the Act stated above. I would call your special attention to the fact that the Act requires that these two Students be prepared for the Collegiate Course, and that they will not be received free of charge into the Preparatory De-

Circular of St. John's College.

partment of the College.* They will be required to pursue the regular Academic Course as specified in the Catalogue of the College, and will be examined for entrance into the Freshman Class upon the following studies:

"English Grammar, U. S. History, Ancient and Modern Geography, Arithmetic, Algebra to Quadratic Equations, Geometry, first book, Hadley's or Kühner's Greek Grammar, Greek Reader, Xenophon's Anabasis, Harkness's or Allen's Latin Grammar, Cæsar's Commentaries, or some equivalent, Sallust, Virgil, Latin and Greek Composition."

I beg leave to recommend that your competitive examinations be framed in accordance with these requirements in order to secure the admission of the candidates.

The amount of the bond required by the Act has been fixed, with the approval of the Board of Visitors and Governors of the College, at seven hundred and fifty dollars. This bond must be executed by the successful candidate, with at least two sureties, (one of whom, it is recommended, should be his parent or guardian, if any) whose sufficiency for the amount must be certified by the President and Secretary of the Board of School Commissioners who make the appointment. Forms of these bonds are herewith transmitted, which you are requested to have signed and certified, and returned to the undersigned.

The College has long suffered from lack of preparation on the part of candidates for admission, and it is hoped that you will exercise such care in these competitive examinations that they may serve to correct this evil and to elevate the standard of education in the schools. These free scholarships are not intended to supply the education which may be obtained at the Public Grammar Schools or High Schools, but to assist those in obtaining a Collegiate education, who are unable to obtain it without assistance, and to fit them for imparting instruction to others. It is earnestly recommended that, as far as is consist-

ent with the system of competitive examination, these appointments be conferred upon those who are unable to defray the expense of their education at College, and that this course be also adopted in filling the other four State Scholarships, which exempt the holders from payment of room-rent and tuition fees, in order that the object of the system of free scholarships be not defeated. It is also recommended that in making these appointments regard be always had to the natural ability, scholarship and conduct of the candidate, that those may receive the appointments who are best able to avail themselves of them. The great advantages presented by these free scholarships are prizes which should stimulate the honorable ambition of the best students in both the public and private schools of the State.

Scholars appointed under the provisions of the Act referred to above must present themselves for examination on the Monday and Tuesday preceding the first Wednesday in October of the present year, and it is suggested that the competitive examinations for appointment be held in the months of August or September, that students now at College, who may desire to present themselves for examination, may have the opportunity of doing so without interfering with their studies during the present session.

You are respectfully requested to publish the provisions of the Act quoted above in the several papers of your county, together with the times and places for holding the competitive examinations, and also to notify the undersigned of these times and places. As soon as appointments are made and confirmed, I respectfully request that official notification of the appointment, together with the bond, signed and certified, be at once forwarded to me. Will you also please ascertain the number of vacancies that will exist in the other State Scholarships at the close of the present session, and notify me accordingly?

Should any further information or explanation be desired, I shall take pleasure in furnishing it.

I have the honor to be yours,

Very respectfully,

JAMES M. GARNETT,

Principal St. John's College.

^{*} Owing to representations having been made that some counties may not be able to send students qualified to enter the Collegiate Course of the College, the Board of Visitors and Govenors of the College has so far modified the terms of admission, as to require that selections of students be made, when practicable, from applicants qualified to enter, at least, the Freshman Class of the College, and when no such applicants present themselves, from those who make the nearest approach to the standard of the Freshman Class. The object of the Law is to give a full Collegiate Education to those appointed under it, and in order to do so in the 'time specified (four years,) they ought to be prepared to enter the Freshman Class of the College; but in case no such applicants appear from a county, the benefit will be extended to those who are best qualified to avail themselves of it.

TO THE PEOPLE OF MARYLAND.

In sending out the Catalogue of the Sixth Session since the reorganization of St. John's College, the Faculty would earnestly commend to the people of Maryland the advantages presented by the College for the attainment of a thorough and liberal education.

The location of the College makes it easy of access from all portions of the State, and its situation has been often commented on as peculiarly suita-

ble for a Literary Institution.

The Departments of Instruction are fully organized and in complete working order, and the Course of Study will challenge comparison with that of most first-class Colleges in the land. The effort is constantly made to raise the grade and improve the methods of instruction, and the amount of work done and the results attained are not inferior to those of Colleges elsewhere. The liberality of the last Legislature has enabled the College to add largely to its Library and Philosophical Apparatus, so that by the commencement of the next session the facilities for scientific study will be greatly increased. But especially noticeable are the extremely low terms charged (two hundred and fifty dollars) for tuition, room-rent, board, fuel, lights and washing—terms much less than those of Colleges in other States, and altogether insufficient to maintain the College but for the liberal assistance granted by the State. In return for this assistance, when it was first received with no conditions attached, the Board of Visitors and Governors established one hundred and fifty Scholarships, (six for each Senatorial District in the State,) entitling the holders, appointed by the Board of School Commissioners of the District, to exemption from payment of fees for tuition, room-rent and use of text-books—thus limiting the charge for board, fuel, lights and washing for these students to two hundred dollars. Means were also provided by the last Legislature for making fifty of the Scholarships (two from each Senatorial District) free of all charge for board, fuel, lights and washing, under certain conditions specified in the preceding Circular.

These are the great advantages which the College presents for the attainment of a Collegiate education by even the poorest who are properly qualified to avail themselves of them. Such are unable to go beyond the borders of the State, and can thus obtain a liberal education at their very doors. And will those who are able to send their sons to the well-known Colleges of other States refuse their patronage to St. John's COLLEGE, and thus neglect the opportunity now and here afforded of building up a College, already the equal of many of these, and which, by proper support from the people of Maryland, may in time become the rival of any Institution in the land? A sufficient amount is annually drained from the State by sending her sons abroad for an education which may be obtained at home, to place this College above all want. Will the people neglect the literary advantages presented here, and go elsewhere for a similar education at greater cost?

CALENDAR.

1872.

THURSDAY, JUNE 27TH.—Anniversary Celebration of Philokalian Society. FRIDAY, JULY 28TH.—Address before Young Men's Christian Association. SUNDAY, JULY 28TH.—Baccalaureate Sermon. MONDAY, JULY 29TH.—Class Day of Senior Class. TUESDAY, JULY 20TH.—Address before the Literary Societies. WEDNESDAY, July 31st.—{ Commencement Day. Address before the Society of Alumni. MONDAY, SEPTEMBER 30TH.—) Examination of Candidates for admission. TUESDAY, October 18r.— Examination of Candidates for admission.
WEDNESDAY, October 2D.—Opening Day of Session.
WEDNESDAY, Dec. 11rt.—Anniversary Celebration of Philomathean Society.
TUESDAY, December 24rt.—Commencement of Christmas Vacation. MONDAY, JANUARY 6TH.-Termination of Christmas Vacation.