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CATALOGUE

OF

KENYON COLLEGE

GAMBIER, OHIO

FOR THE YEAR

1905-6

THREE DEPARTMENTS

COLLEGIATE	.	-	-	Kenyon College
THEOLOGICAL	-	-	-	Bexley Hall
PREPARATORY	-	-	-	Kenyon Military Academy

COLLEGE CALENDAR

1905-1906

First Semester

Sept. 19—Tuesday....College opens with Evening Prayer 5 o'clock
Oct. 3—Tuesday....Bexley opens with Evening Prayer
Nov. 1—Wednesday.All Saints' Day. Founders' Day
Nov. 30—Thursday....Thanksgiving Day
Dec. 19—Tuesday....College closes for Christmas recess
Jan. 9—Tuesday....College opens with Evening Prayer 5 o'clock
Feb. 13—Tuesday....First Semester ends

Second Semester

Feb. 13—Tuesday....Second Semester opens
Feb. 28—Wednesday.Ash Wednesday
April 10—Tuesday....College closes for Easter recess
April 17—Tuesday....College opens with Evening Prayer 5 o'clock
May 24—Thursday....Ascension Day
June 24—SundayBaccalaureate Sunday
June 26—Tuesday....Annual meeting of the Board of Trustees
June 27—Wednesday.Seventy-eighth Annual Commencement

1906-1907

First Semester

Sept. 18—Tuesday....College opens with Evening Prayer 5 o'clock
Oct. 2—Tuesday....Bexley Hall opens with Evening Prayer
Nov. 1—Thursday....All Saints' Day. Founders' Day.
Nov. 29—Thursday....Thanksgiving Day
Dec. 18—TuesdayCollege closes

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BOARD OF TRUSTEES

EX-OFFICIO

THE RT. REV. BOYD VINCENT, D. D.

Bishop of Southern Ohio

President for the Year

THE RT. REV. WM. A. LEONARD, D. D.

Bishop of Ohio

THE REV. WILLIAM FOSTER PEIRCE, A. M., L. H. D.

President of Kenyon College

ELECTED FOR LIFE UNDER ARTICLE VIII

THE RT. REV. CORTLANDT WHITEHEAD, D. D.

Bishop of Pittsburgh

THE RT. REV. JOHN HAZEN WHITE, D. D.

Bishop of Michigan City

THE RT. REV. LEWIS W. BURTON, D. D.

Bishop of Lexington

THE RT. REV. GEORGE W. PETERKIN, D. D.

Bishop of West Virginia

THE RT. REV. THEODORE N. MORRISON, D. D.

Bishop of Iowa

THE RT. REV. JOSEPH M. FRANCIS, D. D.

Bishop of Indianapolis

THE. RT. REV. CHARLES P. ANDERSON, D. D.

Bishop of Chicago

THE RT. REV. WILLIAM L. GRAVATT, D. D.

Bishop-Coadjutor of West Virginia

ELECTED BY THE BOARD OF TRUSTEES, UNDER ARTICLE IV.

Term expires

The Very Rev. Charles D. Williams, Cleveland.....	1907
The Hon. Albert Douglas, Chillicothe.....	1907
The Rev. John H. Ely, College Hill.....	1909
Mr. Samuel Mather, Cleveland.....	1909
The Rev. Cleveland K. Benedict, Glendale.....	1911
Mr. Desault B. Kirk, Mount Vernon.....	1911
The Rev. Wilson R. Stearly, Cleveland.....	1915
The Hon. Harlan Cleveland, Cincinnati.....	1915

**ELECTED BY CONVENTIONS OF THE DIOCESES OF OHIO AND
SOUTHERN OHIO, UNDER ARTICLE V.**

The Rev. Robert L. Harris, Cincinnati.....	1906
Mr. David Z. Norton, Cleveland.....	1906
The Rev. Abner L. Frazer, Youngstown.....	1907
Dr. Nathaniel P. Dandridge, Cincinnati.....	1907
The Rev. John Hewitt, Columbus.....	1908
The Hon. Ulysses L. Marvin, Akron.....	1908

ELECTED BY THE ALUMNI, UNDER ARTICLE VI.

The Rt. Rev. David H. Greer, Bishop-Coadjutor of New York.....	1906
Mr. Florien Giauque, Cincinnati.....	1906
The Rev. William Thompson, Pittsburgh, Pa.....	1907
Mr. James H. Dempsey, Cleveland.....	1907
The Hon. Talfourd P. Linn, Columbus.....	1908
Dr. Francis W. Blake, Columbus.....	1908

ELECTED BY CONVENTIONS OF OTHER DIOCESES, UNDER ARTICLE VIII.

Diocese of Lexington

Judge A. D. Cole.....	Maysville, Ky.
-----------------------	----------------

Diocese of West Virginia

Mr. Joseph D. Dubois.....	Wheeling, W. Va.
---------------------------	------------------

Diocese of Pittsburgh

The Rev. William E. Rambo.....	Brownsville, Pa.
--------------------------------	------------------

Diocese of Indianapolis

Mr. Henry Buttolph.....	Indianapolis, Ind.
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- 3 THE REV. DAVID FELIX DAVIES, M. A., D. D. (Marietta)
Milnor and Lewis Professor of Dogmatic Theology, Moral Theology and
Christian Evidences (5)
- 2 BARKER NEWHALL, M. A. (Haverford), Ph. D. (Johns Hopkins) (5)
Professor of Greek
- 2 THE REV. GEORGE FRANKLIN SMYTHE, M. A. (Western
Reserve), D. D. (Kenyon). (6)
Chaplain and Professor of the Bible
- 1 WILLIAM PETERS REEVES, B. A., Ph. D. (Johns Hopkins)
McIlvaine Professor of English (5)
- 2 LEE BARKER WALTON, M. A. (Brown), Ph. D. (Cornell)
Professor of Biology (6)
- 2 — RUSSELL SEDWICK DEVOL, M. A. (Ohio) (6)
Professor of History
- 1 EDWIN BRYANT NICHOLS, B. A. (Wesleyan), M. A. (Harvard)
Samuel Mather Professor of Romance Languages (5)
- 2 GEORGE BRUCE HALSTED, B. A. (Princeton), Ph. D. (Johns
Hopkins) (6)
Peabody Professor of Mathematics and Civil Engineering

⑤ RICHARD CLARKE MANNING, B. A., Ph. D. (Harvard)
Benson Memorial Professor of Latin

⑤ THE REV. ORVILLE E. WATSON, B. A. (Ohio Wesleyan)
B. D. (Kenyon)
Bedell Professor of New Testament Instruction

② ARTHUR CLEVELAND HALL, B. A. (Trinity), Ph. D. (Columbia)
Edwin M. Stanton Professor of Economics and Sociology

② JOHN SMITH HARRISON, M. A., Ph. D. (Columbia)
Instructor in English

④ C. N. WYANT
Regent of the Military Academy

~~HERBERT FRITH WILLIAMS, B. A. (Kenyon)
Regent of the Military Academy~~

MASTERS AT THE MILITARY ACADEMY.

J. B. GREENE, M. A., Headmaster
CAPTAIN H. P. RANKIN, Commandant

W. H. MITCHELL, M. A. ROBERT E. MARSHALL, B. A.
C. A. PARMELEE, M. A. ALBERT C. D. METZGER, M. A.
F. R. SALWAY. S. ARTHUR VAN ATTA, B. A.

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ORG NIZATION.

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of a college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1825 two quarter sections of the United States military lands were secured in Knox county. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio act as president of the Board of Trustees in alternate years.

SITE.

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron and Columbus Railroad, a little east of the center of the State of Ohio, fifty miles from Columbus, five miles from

Mount Vernon, and one hundred and twenty miles from Cleveland. The altitude of the College above sea level is more than a thousand feet. The site was chosen by Bishop Chase, after careful investigation, for natural beauty of surroundings and healthfulness of climate. The plateau on which the College and village are situated, rises about two hundred feet above the valley of the Kokosing River, which flows around it on three sides.

GROUNDS AND BUILDINGS.

The natural situation of the College is favorable, commanding a view of the fertile, smiling valley of the Kokosing, with a gentle, undulating background of cultivated hills. As Gambier Hill projects into the valley, the College park commands a wide prospect on three sides. The natural charm of the situation has been enhanced by good taste in laying out the grounds. In the park, which comprises seventy-five acres, as many as possible of the old forest trees have been retained, and pains have been taken to combine the effects of lawn and woodland. The extensive lands of the College have permitted wide choice in the selection of sites for the various buildings, and the broad straight path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon and Hanna Hall; Ascension Hall, the recitation and laboratory building; Rosse Hall, the gymnasium and assembly room; Hubbard Hall, the College library, with which is connected the new Stephens Stack Room; the Church of the Holy Spirit, the chapel; Bexley Hall, the theological seminary; Colburn Hall, the new theological library; Milnor and Delano Halls, the buildings of the preparatory school; "Kokosing," the beautiful stone

mansion of Bishop Bedell, standing in its own extensive park; and various other buildings.

OLD KENYON.

Old Kenyon, the College Dormitory, which was built in 1827, is a massive stone building, one hundred and sixty feet long and three stories high, with solid stone walls four feet thick. The building is surmounted by a spire containing the old College bell, which has recently been recast at the Meneely Foundry at the expense of the Alumni.

The building accommodates about ninety students. It is supplied with a central heating system and running water. Extensive repairs having become necessary after eighty years of occupancy, the Board of Trustees in June, 1905, voted to rebuild the whole interior. Work has already begun on the two wings, a large part of the money for the renovation of these parts of the building having been supplied by the alumni of the Delta Kappa Epsilon and Alpha Delta Phi fraternities. While the reconstruction will make the interior thoroughly modern and comfortable, the noble exterior will be left untouched.

HANNA HALL.

This new dormitory was opened to students for the first time in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high, with gables, one hundred and twenty feet long by fifty feet deep, and contains quarters for about forty-five students. The building is constructed throughout in the best and most substantial way.

The door and window casings and wainscot are of Flemish oak, and the floors of polished hard maple. Heat

is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building will rank with the best college dormitories in the country.

Hanna Hall was built in honor of his wife by the late Hon. M. A. Hanna, United States Senator from Ohio, at a cost of about \$65,000. Charles F. Schweinfurth, of Cleveland, is the architect.

ASCENSION HALL.

Ascension Hall is a stately and spacious building of drab sandstone, in Collegiate Tudor architecture. It is one hundred and thirty feet long, fifty feet broad, and three stories high. It was erected by the liberality of the Church of the Ascension, New York, through the influence of Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The tower of the building serves as the astronomical observatory. During the summer of 1899, by the generosity of Samuel Mather, Esq., of Cleveland, boilers were placed in the basement to supply both Ascension and Rosse Halls with steam heat.

BEXLEY HALL.

Bexley Hall, the home of the Theological Seminary, stands in its own park of several acres. It is a three-story building, of pure Elizabethan architecture, and contains a chapel and recitation rooms, and furnished suites of rooms for thirty-four students. Through a gift of Samuel Mather, Esq., of Cleveland, a steam heating plant has been placed in the building.

MILNOR AND DELANO HALLS.

The preparatory department of the college occupies Milnor Hall and Delano Hall, two large, substantial brick buildings, the latter of which was erected through the liberality of the late Columbus Delano, of Mt. Vernon. They are heated by steam and provided with an abundant supply of pure water and an excellent system of drainage. The grounds about the buildings comprise about sixty acres, and afford large stretches of lawn, ample playgrounds and pleasant walks.

COLLEGE CHAPEL.

The Church of the Holy Spirit, the College chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of early English architecture. It is built of freestone laid in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the Church tower is the College clock and a set of bells, which ring the Canterbury chimes.

By the will of the late Mrs. Bedell a fund of \$5,000 has been established for keeping the church and Kokosing in repair.

COLLEGE LIBRARY.

The library of Kenyon College occupies Hubbard Hall and the Stephens Stack Room, both handsome stone buildings connected by a stone corridor. Hubbard Hall is the gift of the late Mrs. Ezra Bliss, of Columbus, and was named in honor of her brother. The first floor is used as a reading and consulting room, and the second as a museum.

The stack room is the gift of the late James P. Stephens, '59, of Trenton, New Jersey. It is a fire proof building, stone, brick, iron and glass being the only materials used in its construction, and it is separated from Hubbard Hall by a double set of fire proof doors. The cases and shelves are of handsome steel construction and were built by the Jamestown Art Metal Company. The capacity is about 50,000 volumes.

The stack room now contains about 26,000 volumes, the theological library of 12,000 volumes being housed in Colburn Hall.

The library is catalogued according to the decimal classification system of Mr. Melvil Dewey, and the librarian is in attendance nine hours a day. For a small college the library is remarkably full, and fulfills admirably its function as a working library for under-graduate courses. The collections in biography, English history and philosophy are particularly good, and the mathematical department contains the library of the late John N. Lewis, of Mt. Vernon, which consists of some 1,200 volumes. Accessions are made on the recommendation of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by

Frank E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Vaughn Fund provides for the binding of periodicals.

The library is a circulating library. All books except standard books of reference may be drawn out, and each student is entitled to four books at one time for a period not exceeding a fortnight.

The reading room receives the leading American and English periodicals, and two or three French and German reviews, and it is open to students during the library hours. The same policy about circulation is pursued in the reading room as in the library; all periodicals except those for the current week or month may be drawn out for three days' time.

COLBURN HALL.

Colburn Hall, the library of the theological seminary, is in the same style of architecture as Bexley Hall, with which it is connected by a handsome Tudor arch. It is the gift of Mrs. L. C. Colburn, of Toledo.

The theological library of about 12,000 volumes, which is housed in Colburn Hall, contains many rare and curious volumes, some of which have no duplicates on this side of the Atlantic. The nucleus of the library consists of gifts to Bishop Chase from members of the Oxford and Cambridge colleges. Bishop Bedell's private library of about 2,500 volumes has recently been added, and further

additions are made from the funds given by Charles D. Betts and Mrs. Bedell.

PHYSICAL CULTURE

Rosse Hall, which serves as a gymnasium and assembly room, is an Ionic structure, built of sandstone, one hundred by seventy-five feet in dimensions. On May 9, 1897, it was destroyed by fire. The reconstruction of the building is due to the generosity of James P. Stephens, Mrs. Bedell, and other friends of the College, and especially Mrs. Mary A. Simpson, of Sandusky, whose gift is to be known as "The William and Mary Simpson Memorial Fund." To the restoration was also applied a bequest of five thousand dollars from the late Senator Sherman. The external appearance of the building is unchanged, but its interior arrangement is greatly improved. The principal hall is arranged, as before, for a gymnasium and assembly hall, and is equipped with an ample supply of modern apparatus presented by a number of classes of the Alumni. It is provided with a large and handsome stage well adapted for public assemblies and dramatic presentations. Gifts from the Alumni have recently placed in the basement shower baths and dressing rooms supplied with all-steel lockers.

Freshmen and Sophomores are subjected to an anthropometric and medical examination shortly after the opening of the College year. Exercise at the gymnasium is required twice a week of the two lower classes, during the autumn and winter months. The athletic grounds are ample and favorably situated. The baseball and football fields lie at the foot of the hill below Old Kenyon, where the shaded hillside affords a natural grandstand. The

tennis courts are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

A room in the basement of Old Kenyon is fitted up with shower baths, lockers and other appliances for the use of the athletic teams.

LABORATORIES

The north end of Ascension Hall comprising eighteen rooms is given up to the physical, chemical and biological laboratories. The Bowler Fund furnishes ample provision for accessions of apparatus and books.

The Physical Laboratory is a well lighted room supplied with steam heat, and all conveniences for individual work. In the center of the room has been placed a substantial pier, insulated from the floor and walls of the building and resting on foundations of masonry. The top of this pier is of polished sandstone, and is used in adjusting and testing delicate measuring instruments and for experiments in magnetometry. The department is supplied with micrometers, microscopes, balances, galvanometers, rheostats, and all apparatus required for the performance of experiments to train the eye and hand in refined use. There are also copies of the standards of mass, length, resistance, etc., together with a very complete equipment for quantitative work in optics, sound, heat and electricity.

The basement contains the engine room with a 12 horse power engine and a Siemens and Halske generator which supplies current at 125 volts throughout the laboratories, giving opportunity for practical work in dynamic electricity on the commercial scale. The engine room contains also the marble switch board with Weston instruments and a 30,000 pound testing machine by Riehle Bros.,

adapted for tensile, compression and transverse tests of all materials.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are five hoods and ample store room facilities and the stock of chemicals and apparatus has been made very complete. There are seven analytical balances and an assay balance in the pier room and the collections in crystallography, mineralogy and organic chemistry have been enlarged recently.

In the basement of Ascension Hall is a room for furnace work in assaying and organic analysis. This room has cement walls and concrete floor and is provided with two combustion furnaces, a tube furnace, a crucible furnace and two muffle furnaces, the latter operated by a large double burner blow-pipe, using gasoline according to Hoskins. There is also a large crucible furnace burning coke, and a Weatherhead rock crusher. In this room are the stock of crude chemicals, fluxes, etc., and the rock crusher pulverizer and samplers, and pulp balances and air-blast furnace.

While it is intended to keep the apparatus and supplies used in the chemical laboratory distinct from the lecture-room equipment, a few advanced students are usually given access to the demonstration apparatus. This department provides its own library of four hundred volumes including most of the standard manuals, dictionaries and works of reference in English, German and French. This

department also maintains files of the following periodicals: *Astrophysical Journal*, *Electrical World*, *Cassier's Magazine*, *American Journal of Chemistry*, *Journal of the American Chemical Society*, *Journal of Physics*, *Science*; *Berichte der deutschen chemischen Gesellschaft*, *Jahresbericht*, *Scientific American and Supplement*, *Review of Chemical Research*, and *Smithsonian Miscellaneous Collections*, etc., together with theses, memoirs and publications of the universities.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The room for histological work is well lighted by skylight and contains twelve Bausch and Lomb compound microscopes, ten dissecting microscopes, with paraffine bath, incubator, sterilizers and Minot microtome. There are desks and lockers for twelve students and sufficient supplies of material for present needs. The museum of natural history is incomplete, but a considerable beginning has been made and it is hoped that the collection of local representative types will soon be available for work in analysis. This department has its own working library.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the college observatory.

For the use of students in surveying, the department of Mathematics has an excellent transit, Y level and com-

pass, with the necessary appurtenances. A series of field exercises in the use of these instruments is given in connection with text-book study.

RELIGIOUS SERVICES

Morning and Evening Prayer are said daily in the College Church. The Holy Communion is celebrated every Sunday at 7:30 a. m., and also at 10:30 a. m. on the first Sunday in the month. On every Saint's Day the service of Morning Prayer and the Holy Communion is said at 9:00 a. m. Students are required to be present at Morning Prayer every day and at Church services on Sunday and the chief Holy Days. The other services are voluntary. The choir consists of College students.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidence of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every other year on Founders' Day, which is celebrated on the Festival of All Saints. The foundation provides also for the publication of the lectures.

The following lectures have been delivered:

The Rt. Rev. John Williams, D. D., LL. D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D. D., "Revealed Religion in its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D. D., "The World and the Logos." 1885.

The Rev. James McCosh, S. T. D., LL. D., "The Religious Aspect of Evolution." 1887.

The Rev. David H. Greer, D. D., "The Historical Christ, the oral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D. D., LL. D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D. D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D. D., "God and Prayer; The Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D. D., "A National Church." 1897.

The Rev. Morgan Dix, D. D., D. C. L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D. D., D. C. L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Crosswell Doane, D. D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D. D., "The Relations of Faith and Life." 1905.

INTERCOLLEGIATE PRIZES

The Association for Promoting the Interests of Church Schools, Colleges and Seminaries was incorporated in 1895, through the efforts of the late Rev. Charles Frederick Hoffman, D. D., the rector of All Angels' Church, New York. The Association offers to students in Kenyon, Hobart, Trinity, St. Stephen's and the University of the South a number of prizes annually. Twenty prizes are offered for the examinations in May, 1906, as follows:

To Seniors and Juniors—A first prize of \$200 and a second prize of \$100, in English; and a first prize of \$100 and a second prize of \$50 in each of the following subjects: Greek, Latin and Mathematics.

To Sophomores and Freshmen—A first prize of \$100 and a second prize of \$50 in each of the following subjects: English, Greek, Latin and Mathematics.

THE STIRES PRIZES

Two prizes, of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas' Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

SCHOLARSHIP AND BENEFICIARY AID

1. *In the Seminary.* No charges for tuition or room rent are made to candidates for Orders. The income from the following endowed scholarships is available for the use of theological students:

The Hannah More Scholarship of £200, founded in 1835 by bequest of Hannah More.

The Clark Scholarship of \$1,071, founded in 1835 by Mrs. Lucy Clark.

The McIlvaine Scholarship of \$4,200, founded by bequest of Bishop McIlvaine, in memory of a beloved son. The incumbent must have completed a classical course in college and also the studies of the first year in the theological course.

The Austin Badger Scholarship of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio.

The Platt Benedict Fund of certain property left in trust to the wardens and vestry of St. Paul's Church, Norwalk, Ohio, by Platt Benedict of that town.

The Leonard Scholarship of \$1,000, the gift of William B. Leonard and his wife Louisa D. Leonard, of Brooklyn, New York.

The Sullivan Scholarship of \$1,000, the gift of Mrs. Phebe S. Sullivan, of New York.

The Bedell Prize Scholarship of \$5,000, founded by bequest of Mrs. Julia Strong Bedell. It is awarded to that student entering the Theological Seminary, who shall have

maintained the highest standing when an undergraduate in Kenyon College.

Appropriations are also made to students from missionary dioceses from the Ethan Stone Fund, established by Ethan Stone, of Cincinnati, which is administered by the Bishop of Southern Ohio.

The Joint Education Society of the Dioceses in Ohio also makes grants to theological students. By this Society two graduate fellowships of \$500 each have been established.

2. *In the College.* The charge for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Orders.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one half; to observe reasonable economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) **Endowed Scholarships.**

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake, of Gambier.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Nash Scholarships, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio,

in memory of her son, Thos. A. McBride, of the class of 1867.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1878. Preference is to be given to a student in regular standing.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of the Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Carter Scholarships, of \$5,000, the gift of Mrs. Carter, of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S. T. D., of the class of 1864 and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. Preference is to be given to postulants for Orders, especially to such postulants as are the sons of clergymen.

(b) Loan Funds.

The Curtis Fund, which now amounts to over \$21,000.

The late Henry B. Curtis, LL. D., of Mount Vernon, Ohio, granted to the Trustees of Kenyon College, a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis Scholarship must be addressed to the College Treasurer, and must state the applicant's name, residence and age, his father's name, and the amount asked for; and must be endorsed by the father or guardian stating that the loan is asked for with his knowledge and approval, and that he believes the notes will be met at maturity. The Faculty will understand the application to be confidential, and in making the selection will consider all evidences obtainable as to the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and other good conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semes-

ter. Upon each payment the student gives his promissory note for the repayment five years from date with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburgh, Pennsylvania, to be loaned without interest to a superior student for the ministry.

(c) **The High School Scholarships.** By action of the Board of Trustees, dated June 26, 1890, a scholarship in Kenyon College is offered each year to a male graduate of a high school in each county in the State of Ohio. The application for such scholarship must state that the assistance is necessary to enable the student to pursue a course at Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition and minimum room rent.

FACULTY OF THE COLLEGIATE DEPARTMENT

COLLEGIATE DEPARTMENT

KENYON COLLEGE

FACULTY OF THE COLLEGIATE DEPARTMENT.

THE REV. WILLIAM FOSTER PEIRCE, M. A. (Amherst)
L. H. D. (Hobart)
PRESIDENT

Spencer and Wolfe Professor of Mental and Moral Philosophy

THEODORE STERLING, M. A., M. D., LL. D. (Hobart)
DEAN OF THE FACULTY

Professor Emeritus of Mathematics and Engineering

LESLIE HOWARD INGHAM, M. A. (Dartmouth)
Ph. D. (Pennsylvania)

Bowler Professor of Physics and Chemistry.

HENRY TITUS WEST, M. A. (Oberlin)
Professor of German

BARKER NEWHALL, B. A. (Haverford), Ph. D. (Johns Hopkins)
REGISTRAR
Professor of Greek

THE REV. GEORGE FRANKLIN SMYTHE, M. A. (Western
Reserve), D. D. (Kenyon)
CHAPLAIN
Professor of the Bible

WILLIAM PETERS REEVES, B. A., Ph. D. (Johns Hopkins)
SECRETARY
McIlvaine Professor of English

LEE BARKER WALTON, M. A. (Brown), Ph. D. (Cornell)
Professor of Biology

RUSSELL SEDWICK DEVOL, M. A. (Ohio)
Professor of History

EDWIN BRYANT NICHOLS, B. A. (Wesleyan), M. A. (Harvard)
Samuel Mather Professor of Romance Languages

GEORGE BRUCE HALSTED, B. A. (Princeton), Ph. D.
(Johns Hopkins)

Peabody Professor of Mathematics and Civil Engineering

RICHARD CLARKE MANNING, B. A., Ph. D. (Harvard)

Benson Memorial Professor of Latin

ARTHUR CLEVELAND HALL, B. A. (Trinity) Ph. D. (Columbia)

Edwin M. Stanton Professor of Economics and Sociology.

JOHN SMITH HARRISON, B. A., Ph. D. (Columbia)

Instructor in English

PROFESSOR HALL

Physical Director

MRS. ELLEN DOUGLAS DEVOL

Librarian

CLARENCE CECIL UNDERWOOD

Assistant in the Physical Laboratory

FREDERICK LEWIS WHITE

Assistant in the Chemical Laboratory

Standing Committees of the Faculty

Library

PRESIDENT PEIRCE

PROFESSOR STERLING

PROFESSOR REEVES

PROFESSOR MANNING

Discipline

PROFESSOR NEWHALL

PROFESSOR WEST

PROFESSOR REEVES

STUDENTS

Senior Class

Silas Blake Axtell	Lit.....	Perry
Charles McEloy Ballard.....	Cl.....	New York, N. Y.
Walter Allen Booth..	Lit.....	Lima
Arthur Lewis Brown.....	Cl.....	Cincinnati
Walter Hoyt Brown.....	Cl.....	Cincinnati
John Levi Cable.....	Lit.....	Lima
Reginald Whitney Crosby.....	Lit.....	Chicago, Ill.
Ernest Allen Duncan.....	Lit.....	Clarksburg, W. Va.
Edward Ryant Dyer	Cl.....	Dresden
Howard Philip Fischbach	Ph.....	Newport, Ky.
Harold Cameron Forster	Ph.. ..	Middletown
Frederick Roberts Graves	Cl.....	Shanghai, China
James Wallace Hamilton.....	Cl.....	Allegheny, Pa.
Frederick Hess Hamm.....	Cl.....	Chillicothe
William Hammond.....	Cl.....	Oregon City, Ore.
Frederick Jacob Hartman.....	Lit . . .	Pittsburgh, Pa.
George Clinton Lee.....	Lit.. . .	St. Louis, Mo.
Edgar Ralph Moeser	Cl.....	Zanesville
Charles McGibeny Roberts.....	Ph.....	Mount Vernon
James Athey Stephens.....	Cl.....	Covington, Ky.
Alfred Kingsley Taylor.....	Cl.....	Quincy, Ill.
Samuel Edward Thompson.....	Cl.....	Baltimore, Md.
Aaron Stanley Warman..	Cl.....	Newark

Junior Class

John Groce Boggs	Lit.....	Circleville
John Thomson Brooke....	Cl.....	Guthrie, Okla
Rolla Eugene Dyer	Cl	Dresden
Harold Mansfield Eddy.....	Sc.....	East Cleveland
Jacob Hyde Ewalt, Jr.....	Ph.....	Warren
Harry Lee Foltz.....	Lit.....	Lima
Stuart Wilson Goldsborough.....	Cl.....	Newark
Arthur Halsted.....	Sc.....	Gambier

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Charles Chauncey Winsor Judd	..Cl.....	Pittsburgh, Pa.
Lindus Cody MarshCl	Cleveland
George Wesley McIlwain	.....Lit.....	Mount Vernon
John Frederick Mullin	.....Sc.....	Warren
John David Nicholas	.....Ph	Coshocton
John Lorraine Oldham	.....Cl.....	Cleveland
Hugh Wilson Patterson	.....Lit.....	Buffalo, N. Y.
Arthur Leroy Reynolds	.....Ph.....	Akron
Lester Leake Riley	.....Cl.....	Dayton
Karl Sturgeon Rising	.....Lit.....	Lancaster
George Abel Sanford	.....Cl.....	Bridgeport, Okla.
George Walter Sapp	.....Sc.....	Gambier
Melvin Deane Southworth	.....Ph.....	Gambier
George John Sturgis	.....Cl.....	Ashtabula
Clarence Cecil Underwood	.....Ph.....	Gambier
Frederick Lewis White	.....Sc.....	Gambier
George Alvin Wieland	.....Cl.....	Sandusky
Andrew Ellis York	.....Ph.....	Akron

Sophomore Class.

Henry Greer Beam	.....Ph.....	Mount Vernon
David Wendell Beggs	.....Lit.....	Columbus
Charles Edward Berghaus	.....Cl.....	Harrisburg, Pa.
Nelson Welker Burris	.....Cl.....	Danville
Raymond Cahall	.....Ph.....	Mansfield
Pierre Kellogg Chase	.....Cl.....	Bowling Green
George Elliott Clarke	.....Lit.....	Canton
Gilbert Kenyon Cooper	.....Sc.....	Chicago, Ill.
Henry Kelley Davies	.....Ph.....	Gambier
Percival Garrigues Elster	.....Ph.....	Indianapolis, Ind.
Samuel Cochran Finnell	.....Ph.....	Covington, Ky.
Robert Miller Fulwider	.....Sc.....	West Liberty
Ralph Franklin Gordon	.....Ph.....	Greenville
Henry Lang Grund	.....Ph.....	Fremont
Edwin Winfield Hughes	.....Cl.....	Kalamazoo, Mich.
Leroy Scott Isham	.....Ph.....	Cleveland
Bernard Levi Jefferson	.....Cl.....	Danville
Benjamin Franklin Jones	.....Lit.....	Mount Vernon

Carey Russell Kinney.....	Lit.....	Toledo
Louis Phelps L'Hommedieu.....	Cl.....	Cincinnati
Kenneth Frederick Luthy.....	Lit.....	Columbus
Frederick McGlashan.....	Cl.....	Zanesville
Winston Vaughan Morrow.....	Cl.....	Cincinnati
Joseph Vance Park.....	Lit.....	Mount Vernon
Malcolm Cyrus Platt.....	Sc.....	Mansfield
Elliott Hudson Reynolds.....	Cl.....	Mount Vernon
William Cooper Russell.....	Lit.....	Mount Vernon
William Raymond Seth.....	Cl.....	Oxford, Md.
Luther Earl Stambaugh.....	Lit.....	Shelby
John Grubbs Starr.....	Ph.....	Richmond, Ind.
Ralph Clewell Sykes.....	Cl.....	Springfield
Arthur Stanley Thompson.....	Sc.....	Gambier
Joseph Edmund Thompson.....	Cl.....	Newport, Ky.
Frederick Sanders Upson.....	Ph.....	Mansfield
Carl Maynard Wolcott.....	Sc.....	Conover
Charles Lewis Wuebker.....	Sc.....	West Dover

Freshman Class

Stanley Woodruff Allen.....	Sc.....	Cincinnati
Ray Dudley Avery.....	Lit.....	Bowling Green
Delano Richard Aves.....	Cl.....	Monterey, Mex.
Frederick Worley Aves.....	Ph.....	Galveston, Tex.
Louis Adolph Bacon.....	Ph.....	Findlay
Malcolm Hogle Baker.....	Lit.....	Coshocton
Paul Brown Barber.....	Ph.....	Mount Vernon
Samuel Whiteside Bell.....	Lit.....	Toledo
James Philip Brereton.....	Ph.....	Salem
Lemuel Ruevell Brigman.....	Ph.....	Newport, Ky.
Frank Hadley Burdick.....	Ph.....	Toledo
Clarence Chester Childs.....	Lit.....	Fremont
Warren Alan Clements.....	Ph.....	Richmond, Ind.
Anton Weller Coldewey.....	Lit.....	Cincinnati
Henry Wadsworth Cole.....	Cl.....	Maysville, Ky.
Van Allen Coolidge.....	Cl.....	Cincinnati
Frederic Sturges Cooper.....	Ph.....	Mount Vernon
William Woodrow Cott.....	Sc.....	Columbus

James Louis Cunningham	Ph.	Gambier
Samuel Cureton	Ph.	Mount Vernon
Philip Lewis Day	Ph.	Mount Vernon
John Frederick Deatrick	Ph.	Defiance
Paul Augustine Dooman	Ph.	Kobe, Japan
Leonard Sherburne Downe	Lit.	Chicago, Ill.
Wres Weldon Dudgeon	Ph.	Gambier
Charles Holman Dun	Lit.	Columbus
Joseph Robert Eikenberry	Lit.	Greenville
Raymond Congdon Floyd	Ph.	Bristol, Ind.
Ambrose Shaw Gallagher	Lit.	Steubenville
Harbeck Halsted	Sc.	Gambier
Harry Stuart Haylor	Lit.	Canton
Lloyd Lionel Heald	Ph.	Akron
Emmett Jay Jackson	Cl.	Lima
Francis Barrell Jennings	Ph.	Mount Vernon
George Cole Jones	Cl.	Waverly
Frank Albert Kapp	Lit.	Toledo
William James Kunkle	Lit.	Ashtabula
Charles Kilbourne Lord	Sc.	Columbus
Frank Austin McElroy	Ph.	Columbus
Ralph Delmer Metzger	Ph.	Sunbury
Arthur Swazey Morrison	Cl.	Davenport, Ia.
Stuart Lathrop Pierson *	Ph.	Cincinnati
Roy Robert Reeves	Cl.	Washington C. H.
Robert Rout	Ph.	Defiance
William Eberly Shaw	Lit.	Cincinnati
Edward Southworth	Lit.	Gambier
George Shepard Southworth	Cl.	Gambier
Robert Woods Stewart	Sc.	Cincinnati
William Burton Sudlow	Ph.	Indianapolis, Ind.
William Seybold Travis	Lit.	Wheeling, W. Va.
Nelson Turney Weldon	Lit.	Circleville
Raymond Arthur Youmans	Cl.	Cincinnati

*Died Oct. 28, 1905.

Special Students

Frank Albus.....	Gambier
George Drake Arnold.....	Cleveland
Frederick Washburn Butler.....	Akron
Charles Foster Carey.....	Mount Vernon
Pierson Breaden Conkling.....	Greenville
Guy Conover.....	Utica
Lamont Hart Gilder....	Warren
Julius Walter Headington.....	Mount Vernon
William Barney Kinkaid....	Cleveland
Harvey Bancroft McElroy.....	Columbus
Thomas Henry Sheldon.....	Columbus

Summary

Seniors	23
Juniors	26
Sophomores.....	36
Freshmen.....	52
Special Students.....	11
Total.....	148

REQUIREMENTS FOR ADMISSION.

For entrance to each course 15 units are required, the term "Unit" representing roughly the work of four recitation hours a week for one year. On the pages immediately following will be found a description by subjects of the amount required.

For the Classical Course:

	Units.
English.....	3
Mathematics.....	3
Latin.....	4
Greek.....	3
History.....	1
Additional.....	1
	<hr style="width: 10%; margin: 0 auto;"/> 15

For the Philosophical Course:

	Units.
English.....	3
Mathematics.....	3
Latin.....	4
Modern Languages.....	2
History.....	1
Additional.....	2
	<hr style="width: 10%; margin: 0 auto;"/> 15

For the Scientific Course:

	Units.
English.....	3
Mathematics.....	4
Foreign Languages.....	3
History.....	1
Sciences.....	2
Additional.....	2
	<hr style="width: 10%; margin: 0 auto;"/> 15

For the Literary Course:

	Units.
English.....	3
Mathematics.....	3
Foreign Languages.....	4
History.....	2
Sciences.....	1
Additional.....	2
	<hr style="width: 10%; margin: 0 auto;"/> 15

The following table shows the subjects which may be presented, together with the minimum and maximum amounts which will be accepted in each:

	Units.		Units.
English.....	3	French.....	1 or 2
Mathematics.....	3 or 4	German.....	1, 2 or 3
Latin.....	2, 3 or 4	History.....	1, 2 or 3
Greek.....	1, 2 or 3	Sciences.....	1, 2 or 3
		Drawing.....	1

ENGLISH (Three Units)

(a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice—This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar; and the leading facts in those periods of English history to which the prescribed books belong.*

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

1906, 1907, 1908: FOR GENERAL READING; *The Merchant of Venice* and *Macbeth*; *The Sir Roger de Coverley Papers*; Irving, *Life of Goldsmith*; Coleridge, *The Ancient Mariner*; Scott, *Ivanhoe* and *The Lady of the Lake*; Tennyson, *Gareth and Lynette*, *Launcelot and Elaine* and *The Passing of Arthur*; Lowell, *The Vision of Sir Launfal*; George Eliot, *Silas Marner*; FOR STUDY AND PRACTICE: Shakespeare, *Julius Caesar*; Milton, *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Burke, *Speech on Conciliation with America*; Macaulay, *Essay on Addison* and *Life of Johnson*.

MATHEMATICS (Three or Four Units)

1. Three Units. (a) Arithmetic. In addition to the usual course in Arithmetic an acquaintance with the Métric System of weights and measures is required, and a thorough study of Mental Arithmetic is strongly recommended.

(b) Algebra, through Radicals and Quadratics.

(c) Plane Geometry. The use of simple drawing instruments should be taught in connection with Plane Geometry and original constructions and demonstrations required.

2. Four Units. In addition to the preceding.

(a) Solid Geometry, as much as is contained in the usual texts.

(b) Advanced Algebra, including ratio, radicals, progressions, logarithms, and series.

(c) Trigonometry, with special attention to the derivation of the fundamental formulae, and the accurate solution and checking of problems.

LATIN (Two, Three or Four Units)

1. Two Units. Latin lessons with easy reading, consisting of twenty to thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

Selections from Caesar's *Gallic War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Caesar. Frequent written exercises and translation at sight from Caesar.

2. Three Units. In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sallust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition based on Cicero. Frequent written exercises and translations at sight from Cicero.

3. Four Units. In addition to 1 and 2, six books of Virgil's *Aeneid*. For a portion of this may be substituted selections from Ovid. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose

composition. Frequent written exercises and translation at sight from Virgil and Ovid.

GREEK (One, Two or Three Units)

1. One Unit. Grammar; *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. Two Units. In addition to the preceding. *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. Three Units. In addition to 1 and 2, the first six books of the *Iliad*. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

FRENCH (One or Two Units)

1. One Unit. Elementary French. Such a knowledge of the language is required as may be obtained by the reading of at least 400 pages, part of which should be read at sight. The examination consists of the translation at sight into English of easy passages of French, elementary grammatical questions, and the translation of simple English sentences into French. To meet this requirement, two years' work will generally be necessary.

2. Two Units. Intermediate French. In addition to the preceding, the requirement includes the reading of not less than 600 additional pages of French (including at least two classical works of a dramatic character), and regular practice in writing and speaking French.

At least one additional year of study will be necessary to meet this requirement.

GERMAN* (One, Two or Three Units)

1. One Unit. The student should have had careful drill upon pronunciation; the memorizing and frequent repetition of easy colloquial sentences; drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simple uses of the modal auxiliaries, and the elementary rules of syntax and word order; abundant easy exercises from German into English and from English into German; the reading of about 200 pages of simple German in the form of easy stories and plays, with accompanying practice in the translation into German of easy variations upon the matter read.

2. Two Units. The candidates should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word formation, and to translate and explain a passage of classical literature taken from some text previously studied.

The work should comprise, in addition to 1, the reading of about 400 pages of moderately difficult prose and poetry, including a classical play by Schiller, Lessing or

*For a list of texts suitable for elementary or advanced reading in German and French, reference is made to the Report of the Committee on College Entrance Requirements, July, 1899, (Dr. Irwin Shepard, Secretary of the National Educational Association, Winona, Minn.)

Goethe, with constant practice in giving paraphrases of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and moods, and likewise upon word-order and word-formation.

3. Three Units. In addition to 1 and 2, this course should comprise the reading of about 500 pages of good literature in prose and poetry, reference reading upon the lives and works of the great writers studied; the writing in German of numerous short themes upon assigned subjects, independent translation of English into German.

HISTORY (One, Two or Three Units)

The candidate may select one, two or three units from the five prescribed below.

1. General History. As much as is contained in Myers's *General History*.

2. a) Grecian History. Myers's or Botsford's *History of Greece* or an equivalent (one-half unit).

b) Roman History. Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. English History. The equivalent of Andrews' or Cheyney's *History of England*, with collateral reading.

4. United States History. A comprehensive Course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. a) United States History. John Fiske's *History of the United States* or an equivalent (one-half unit).

b) Political Science, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

SCIENCE (One, Two or Three Units)

The candidate may offer one, two or three units selected from the five enumerated below, each unit representing the work of one year. Laboratory work, including the keeping of a notebook, should occupy one-half to two-thirds of the time involved, the remaining part being occupied with formal lectures and recitations. In order to obtain credit for the various courses, laboratory notes and drawings indorsed by the teacher should be presented at the time of entrance.

1. Elementary Physics. An amount of work equivalent to that in the text of Carhart and Chute is required. Particular attention should be given to practical laboratory methods, and the solution of numerical problems.

2. Elementary Chemistry. A course in General Inorganic Chemistry, including metals and non-metals, as outlined in Remsen's *Elements of Chemistry*, is required; or Newell's *Descriptive Chemistry*, or Williams's *Elements*.

3. General Biology. The course should consider, by means of laboratory methods, typical animals and plants with respect to their external form, activities, and local distribution. The following suggests certain forms, the majority of which should be studied: In the animal kingdom, Amoeba, Paramoecium, Vorticella, Sponge, Hydra, Medusa, Snail, Freshwater mussel, Earthworm, Crayfish, Insect, Starfish, Frog, and Fish. In the plant kingdom, Slime mould, Bacteria, Spirogyra, Bread mould (*Mucor*), Mushroom, Lichen, Liverwort, Fern and Flowering Plant. Certain general questions such as adaptation to environment, protective resemblance, variation, etc., should receive careful consideration. Boyer's *Elementary Biology*, or selections from Davenport's *Introduction to Zoology*,

together with Bergen's *Elements of Botany*, provided the first part of the year is devoted to Zoology, and the second part to Botany, represents the approximate amount of work necessary.

4. Botany. The course should consist of a careful study of the types of plants mentioned under General Biology, and in addition the following may profitably be considered, Volvox, Cladophora, Pleurococcus, Chara, Vaucheria, Moss, Conifer, and a few carefully selected Flowering Plants. Work on Flowering Plants alone cannot be accepted. The essential facts concerning variability, assimilation, respiration, digestion, growth and reproduction, as well as adaptation, etc., should be made clear. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany* should be presented.

5. Zoology. The course should include in addition to the invertebrates mentioned under General Biology, a somewhat extended study of certain vertebrates, e. g., Lamprey, Eel, Fish, Amphibian (Plethodon, Frog., etc), Reptile, Bird and Mammal. Less weight is to be laid on a knowledge of anatomical details, than on the ability to recognize the specimen and its allies, to indicate its relationships, and to point out the leading features of its life history, organization and physiology. The work should approximate that outlined in Kellogg's *Elementary Zoology*, or Davenport's *Introduction to Zoology*.

6. Physical Geography.

ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year, the third Tuesday in September.

Certificates will be provisionally accepted from the principal of any reputable High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered provided that they are in the hands of the Faculty at the opening of the year. All certificates must be made out on blanks furnished by the College and must state that the student has thoroughly done all the work prescribed in the catalogue for admission to the Freshman Class, and that the Principal believes the applicant able to maintain a good position in his class in college.

Applicants for admission, who lack preparation in Greek, German or French may enter the Freshman Class, and opportunity will be given them to begin one of these studies as college students, provided that they are able to make up this deficiency in preparation, besides doing the regular amount of required work.

ADVANCED STANDING

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college, and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges may be admitted provisionally to such standing, and on such terms as the Faculty may deem equitable in each case. Such candidates are

required to present to the President a complete statement, duly certified, of the studies they have pursued and their proficiency therein, and a catalogue of the college from which they come.

SPECIAL STUDENTS

Students may be admitted as special students, not candidates for a degree, provided their preparation is such that they can enter with advantage existing college classes, and that their time can be fully and profitably occupied.

COURSES OF STUDY

FRESHMAN YEAR

First Semester		Second Semester	
All Courses—	Hours		Hours
English 1*	3	English 2	3
Chemistry 1	3	Chemistry 2	3
Bible 1	1	Bible 2	1
Classical —			
Greek 1	3	Greek 2	3
Latin 1	3	Latin 2	3
Mathematics 1	3	Mathematics 2	3
Philosophical —			
German or French	3	German or French	3
Latin 1	3	Latin 2	3
Mathematics 1	3	Mathematics 2	3
Literary —			
German	3	German	3
French	3	French	3
Mathematics 1	3	Mathematics 2	3
Scientific —			
German	3	German	3
French	3	French	3
Mathematics 3	3	Mathematics 4	3

SOPHOMORE YEAR

First Semester		Second Semester	
All Courses—			
English 3	3	English 4	3
Bible 3	1	Bible 4	1

*The number identifies the course as described in the Departments of Instruction.

Classical—	Hours		Hours
One Ancient Language ..	3	One Ancient Language ..	3
One Modern Language ..	3	One Modern Language ..	3
One Science	3	One Science.....	3
Elective.....	3	Elective.....	3

Philosophical and Literary—

Two Languages.....	6	Two Languages.....	6
One Science.....	3	One Science.....	3
Elective.....	3	Elective.....	3

Scientific—

One Language.....	3	One Language.....	3
Chemistry 3.....	3	Chemistry 4	3
Mathematics 5	3	Mathematics 6.....	3
Physics 1, or		Physics 2, or	
Biology 1.....	3	Biology 2.....	3

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

Elective Courses open to Sophomores—

Greek 3, 4	Chemistry 3, 4
Latin 3, 4	Physics, 1, 2 History 1, 2
German 1-6	Political Science 1-2
French 1-4	Biology 1, 2 Economics 1, 2
Spanish 9, 10	Mathematics 3-8

All electives are three-hour courses.

JUNIOR YEAR**First Semester****Second Semester****Classical, Philosophical and Literary—**

Philosophy 1	3	Philosophy 2.....	3
English 5.....	1	English 6	1

Two major courses of the Sophomore year must be continued through the Junior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

Scientific—

Scientific—	Hours		Hours
Philosophy 1	3	Philosophy 2	3
English 5.	1	English 6	1
Mathematics 9	3	Mathematics 10	3

Biology 3, or

Physics 3..... 3

Electives..... 6

Biology 4, or

Physics 4..... 3

Electives 6

Elective Courses open to Juniors—

English 9, 10, 15, 16, 19	Chemistry.. 5-8	History..... 1-6
Greek 5-8	Physics..... 1-4	Political Science 1-6
Latin 5-8	Biology 1-10	Economics .. 1-6
German..... 1-8	Mathematics 9-14	Philosophy ... 3-4
French 1-8		
Spanish..... 9-12		
Italian 13-14		

All electives are three-hour courses.

Students desiring to study Theology will be permitted to take History 7 and 8 as an extra study during their Junior year, and to take the full Junior course of study at Bexley Hall, in addition to English 7 and 8, during their Senior year, subject to the approval of the Faculty of the Theological Department.

SENIOR YEAR**First Semester****Second Semester****All Courses—****Hours****Hours**

History 7..... 3

History 8..... 3

English 7. 1

English 8 1

In all courses, one major course of the Junior year must be continued through the Senior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

Elective Courses Open to Seniors—

English 11-14, 17-19	Biology..... 3-10	History..... 3-6 ¹
Greek 5-8	Mathematics 11-16	Political Science 1-6
Latin..... 5-8	Physics..... 3-5	Economics 1-8
German 3-8		Philosophy.... 3, 4
French 3-8		
Spanish 11, 12		
Italian..... 13, 14		

All electives are three-hour courses.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

DR. HARRISON

1. **English Composition.** Themes and Oral Exercises. Narration and Description. First Semester. Three hours a week. Required of all Freshmen.

2. **English Composition.** Exposition and Argumentation. Themes and Oral Exercises. Second Semester. Three hours a week. Required of all Freshmen.

Courses 1 and 2 involve constant writing based upon personal experience and also upon literary models. After correction, selected themes are delivered orally before the class, and at intervals before the public. Deficiencies in spelling, grammar, punctuation, paragraphing, and delivery must be overcome before the student is permitted to enter the later courses in English.

3. **English Prose Literature.** This course is naturally connected with the written work of the Freshman year, and the critical study of selections in English prose, from Elizabeth to Victoria, forms the basis of the written exercises. First Semester. Three hours a week. Required of all Sophomores.

4. **English Poetry.** Having mastered the elements of prose composition, the student begins the study of English poetry. In the first half of the semester narrative and descriptive poems are critically read in class; lyric

poetry follows in the second half of the semester. Written reports upon the form and contents of selected verse are required. Second Semester. Three hours a week. Required of all Sophomores.

5. **Advanced Composition.** Exposition. First Semester. One hour a week. Required of all Juniors.

6. **Advanced Composition.** Argumentation. Second Semester. One hour a week. Required of all Juniors.

Courses 5 and 6 continue the required written work in the Junior year. The form of composition is that of the essay and oration.

7. **Orations and Debates.** First Semester. One hour a week. Required of all Seniors.

8. **Speaking and Dramatic Exercises.** Second Semester. One hour a week. Required of all students.

Courses 7 and 8 continue the required written and spoken work in the Senior year.

9. **Argumentation and Debating.** An elective for students who desire extended drill in written argumentation and oral delivery. Class debates are held weekly. Public debates are appointed as the instructor may determine. First Semester. Three hours a week. Elective for Juniors. Alternate years. Offered in 1906-7.

10. **English Drama.** The development of the English drama, from Shakespeare to Sheridan, is studied historically, select plays being read in class, with written reports. Second Semester. Three hours a week. Elective for Juniors. Alternate years. Offered in 1905-6.

11. **Nineteenth Century Prose.** A critical study of the prose styles of Macaulay, Carlyle, Newman, Ruskin and Pater. First Semester. Three hours a week. Elective for Seniors. Alternate years. Offered in 1906-7.

12. **Nineteenth Century Poetry.** A study, with complete texts, of the chief works of Tennyson and Browning. Second Semester. Three hours a week. Elective for Seniors. Alternate years. Offered in 1906-7.

13. **Old English.** First Semester. Three hours a week. Elective for Seniors.

14. **Beowulf, and the History of the English Language.** Second Semester. Three hours a week. Elective for Seniors who have taken course 13.

Courses 13 and 14 are historical and philological. Bright's *Anglo Saxon Reader* is studied, and the *Beowulf* is read in the second semester. Emerson's *History of the English Language* is used as a basis for explaining changes in sound, syntax, vocabulary, and idiom.

15. **The English Essay.** Studies in the essay from Bacon to Macaulay. First Semester. Three hours a week. Elective for Juniors. Alternate years. Offered in 1905-6.

16. **Milton, and other Seventeenth Century Poets.** Second Semester. Three hours a week. Elective for Juniors. Alternate years. Offered in 1906-7.

17. **The English Novel.** First Semester. Three hours a week. Elective for Seniors. Alternate years. Offered in 1905-6.

18. **American Literature.** Second Semester. Three hours a week. Elective for Seniors. Alternate years. Offered in 1905-6.

19. **Chaucer, Langland and Wyclif. Fourteenth Century Studies.** First Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1906-7.

GREEK

PROFESSOR NEWHALL

1. **Lysias**, or Selections from Attic Orators. Prose Composition. First Semester. Three hours a week. Required of Classical Freshmen.

2. **Odyssey**, Selections or Herodotus. Private life of the Greeks. Second Semester. Three hours a week. Required of Classical Freshmen.

3. **Plato**, *Laches and Apology*. History of Greek Literature (Prose). First Semester. Three hours a week. Elective for Sophomores. Courses 1 and 2 prerequisite.

4. **Sophocles**, *Antigone* or *Oedipus Tyrannus*. Aristophanes, *Clouds* or *Frogs*. History of Greek Literature (Poetry). Second Semester. Three hours a week. Elective for Sophomores. Courses 1-3 prerequisite.

5. **Aeschylus**. *Prometheus* or *Septem*. Euripides, *Alcestis* or *Medea*. The Greek Drama and Theatre. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1906-7.

6. **Demosthenes**, *De Corona*. Thucydides, Books I and VII. Greek Constitutional History. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1906-7.

7. **Selections from the Lyric Poets or Lucian**. Greek Music and Metres. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1905-6.

8. **Greek Art and General History of Architecture.** Second Semester. Three hours a week. Elective for Juniors and Seniors in all courses. Alternate years. Offered in 1905-6.

LATIN

PROFESSOR MANNING

1. **Livy.** Instruction in Grammar and in the art of reading Latin. Prose Composition. First Semester. Four hours a week. Required of Classical and Philosophical Freshmen.

2. **Ovid,** selections. Terence, one play. Grammar. Prose Composition. Second Semester. Four hours a week. Required of Classical and Philosophical Freshmen.

3. **Pliny, Letters.** Constant practice in reading at sight. First Semester. Three hours a week. Elective for Sophomores. Courses 1 and 2 prerequisite.

4. **Horace, Odes and Epodes,** with selections from the *Epistles* and *Satires*. Lectures upon the poet's life and times. Second Semester. Three hours a week. Elective for Sophomores. Courses 1-3 prerequisite.

5. **Cicero, Letters.** A study of the author's life and times. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1906-7.

6. **Juvenal and Martial.** Lectures on Rome and Roman Life. Second Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1906-7.

7. **Tacitus, Histories.** Lectures on Roman Institu-

tions. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1905-6.

8. **Plautus and Terence.** Two or three plays of each author will be read. Lectures on the Roman Drama. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1905-6.

ROMANCE LANGUAGES

PROFESSOR NICHOLS

1. **Elementary French.** Fraser and Squair, *French Grammar*; Verne, *Les Forceurs de Blocus*; Labiche et Martin, *Le Voyage de M. Perrichon*. First Semester. Three hours a week. Elective for Sophomores and Juniors.

2. **Modern French Prose.** Erckmann-Chatrian, *Le Conscrit de 1813*; Augier et Sandeau, *Le Gendre de M. Poirier*; Mérimée, *Colomba*; Beaumarchais, *Le Barbier de Séville*. Grammar and Composition. Second Semester. Three hours a week.

3. **French Prose and Poetry.** Chateaubriand, *Atala* and *René*; Hugo, *Hernani*; Musset, *Trois Comédies*; Voltaire, *Zaire*; Collateral reading: Saint Pierre, *Paul et Virginie*; Lesage, *Gil Blas*. Prose Composition and grammar. First Semester. Three hours a week. Elective for Sophomores in the Scientific Course, and for Juniors and Seniors in the other courses. Courses 1 and 2 prerequisite.

4. **Classical French Drama.** Selections from Corneille, Molière, and Racine, with lectures on the rise and growth of the drama in France. Outlines of the History of

the French language. Composition. Second Semester. Three hours a week. Courses 1-3 prerequisite.

5. **French Literature of the 18th and 19th Centuries.** After an introductory survey of French literature in the 18th century, attention will be directed to the main currents of French literature in the 19th century; romanticism, realism and naturalism. Lectures and collateral readings. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1905-6.

6. **French Literature of the 18th and 19th Centuries.** A continuation of Course 5. Second Semester. Elective for Juniors and Seniors. Course 5 prerequisite. Alternate years. Offered in 1905-6.

7. **French Literature of the 16th and 17th Centuries.** The influence of Italy and the origins and development of classicism. Especial attention will be paid to the prose literature of the 17th century. Lectures and composition. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1906-7.

8. **French Literature of the 16th and 17th Centuries.** A continuation of Course 7. Second Semester. Elective for Juniors and Seniors. Course 7 prerequisite. Alternate years. Offered in 1906-7.

9. **Elementary Spanish.** Ramsey, *Spanish Grammar*; Carrion y Aza, *Zaragüeta*; Carter and Malloy, *Cuentos Modernos*; Larra, *Partir á Tiempo*. First Semester. Three hours a week. Elective for students who have passed in Course 2, Modern French Prose. Alternate years. Given in 1905-6.

10. **Modern Spanish Prose.** Alarcón, *El Final de*

Norma; Tamayo y Baus, *Un Drama nuevo*; Galdós, *Doña Perfecta*. Grammar and composition. Second Semester. Three hours a week. Alternate years. Given in 1905-6.

11. **History of Spanish Literature**, with selections from the works of the more important authors of the 17th and subsequent centuries. A few lectures on the History of the Spanish language. Composition and collateral readings. First Semester. Three hours a week. Course 10 prerequisite. Alternate years. Given in 1906-7.

12. **History of Spanish Literature**. A continuation of Course 11. Second Semester. Three hours a week. Alternate years. Given in 1906-7.

13. **Elementary Italian**. Grammar, translation, and composition. Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Farina, *Il Fante di picche*. First Semester. Three hours a week. Course 2 or 9 prerequisite. This course alternates with Course 9, Elementary Spanish. Alternate years. Offered in 1906-7.

14. **Modern Italian Readings and Dante**. In addition to the regular work by the class in translating modern prose, the instructor renders and interprets to the class the *Inferno* and *Purgatorio* of Dante. Dinsmore's *Aids to the Study of Dante* is required as collateral reading. Second Semester. Three hours a week. Alternate years. Offered in 1906-7.

GERMAN

PROFESSOR WEST

1. **Elementary German**. German Grammar, easy reading, and elementary German composition. First Sem-

ester. Three hours a week. Elective for Sophomores and Juniors.

2. **Modern Prose and Poetry.** Grillparzer, *Sappho*, Sudermann, *Johannes*, Grammar continued, Wesselhoeft, *German Composition*. Second Semester. Three hours a week. Elective for Sophomores and Juniors.

3. **Early Nineteenth Century Literature.** Zschokke, *Der zerbrochene Krug*, Kleist, *Der zerbrochene Krug*, Grillparzer's *Der Traum ein Leben*, grammar review, Harris, *German Composition*. First Semester. Three hours a week. Required of Freshmen in the Philosophical, Literary and Scientific Courses. Elective for Juniors and Seniors in the Classical Course.

4. **Late Nineteenth Century Literature.** Texts selected from the writings of Wildenbruch, Hauptmann and Sudermann. Grammar and composition continued. Second Semester. Three hours a week. Required of Freshmen in the Philosophical, Literary and Scientific Courses. Elective for Juniors and Seniors in the Classical Course.

5. **Goethe.** *Hermann und Dorothea*, *Faust*, Part I, and selected poems. First Semester. Three hours a week. Elective for Sophomores, Juniors and Seniors. Courses 1-4 prerequisite.

6. **History of German Literature.** A study of the development of German literature and reading of selections from representative authors of the most important periods. Second Semester. Three hours a week. Elective for Sophomores, Juniors and Seniors. Courses 1-4 prerequisite.

7. **Lessing's Life and Works.** First Semester

Three hours a week. Junior and Senior elective. Courses 1-4, and either 5 or 6 prerequisite.

8. **Schiller's Life and Works.** Second Semester. Three hours a week. Junior and Senior elective. Courses 1-4, and either 5 or 6 prerequisite.

CHEMISTRY.

PROFESSOR INGHAM

1. **General Inorganic Chemistry.** Text: Remsen, *College Chemistry*. The non-metallic elements and their derivatives and the fundamental chemical laws. This course is founded entirely upon experimental work, and about one-half of the time of the student in the laboratory is devoted to quantitative experiments which are designed to illustrate the laws of combining proportions. One lecture per week is illustrated by elaborate experiments. Two laboratory periods per week. First Semester. Required of Freshmen.

2. **General Inorganic Chemistry.** A continuation of Course 1, taking up the metallic elements and their derivatives. One laboratory period, one lecture and one recitation per week. Second Semester. Required of Freshmen.

3. **Qualitative Analysis.** Text, Dennis and Whittelsey, *Qualitative Analysis*. A careful study of the science as well as the practice of qualitative analysis. First Semester. Three laboratory periods per week, with occasional lectures and daily quiz and written reports. Elective for Sophomores.

4. **Quantitative Analysis.** Text, Thorpe, *Quan-*

titative Analysis. The estimation of the commoner inorganic elements and the assay of typical commercial products. Second Semester. Elective for Sophomores. One recitation and two laboratory periods per week. Course 3 prerequisite.

5. **General Organic Chemistry.** Text, Remsen, *Organic Chemistry*. An introduction to the study of the compounds of carbon, First Semester. Elective for Juniors. One lecture and two laboratory periods per week. Course 4 prerequisite.

6. **General Organic Chemistry** and Theoretical Chemistry. One hour weekly is devoted to the study of the history and the theories of chemistry, and the remaining recitation and laboratory periods are taken up with the study of organic chemistry. Second Semester. Elective for Juniors. Three hours per week. Course 5 prerequisite.

8. **Determinative Mineralogy.** Text, Crosby, *Tables for the Determination of Common Minerals*. Second Semester. Elective for Sophomores and Juniors. Courses 1 and 2 prerequisite and Course 3 very desirable. Three laboratory periods weekly.

BIOLOGY

PROFESSOR WALTON

The courses in this department are intended not only to contribute to general cultivation, but to furnish special preparation for students who expect to study medicine.

1. **General Biology.** This course is intended pri-

marily as an introduction to subsequent courses, and consists of lectures, recitations, and laboratory work on selected types of animals and plants, of which the following is a partial list: Amoeba, Paramecium, Arcella, Diffugia, Vorticella, Saccharomycetes, Spirogyra, Grantia, Hydra, Sea-anemone, Star-fish, Fresh water mussel, Earthworm, Crayfish, Insect, Fish, Frog, Vaucheria, Chara, Mould, Mushroom, Liverwort, and Flowering plant. In connection with these types topics of general interest are considered, such as the constitution of living matter, biogenesis and abiogenesis, the cell theory, variation, adaptation, mimicry, etc. These exercises are supplemented by occasional field excursions. First Semester. Three hours a week. Elective for Sophomores and Juniors.

2. **General Biology.** Continuation of Course 1. Second Semester. Three hours a week.

3. **Comparative Anatomy of the Vertebrates.** Lectures, recitations and laboratory work on vertebrates from Amphioxus to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Each student will make preparations from dissections for subsequent use in histological work. Text-book, Parker, *Zootomy*. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-2 prerequisite.

4. **Histology and Microtechnique.** This course is closely correlated with Course 3 of which it forms the continuation. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the physiologic function of

the various groups of cells. The theory of the microscope and methods in microtechnique are carefully considered at the beginning of the course. Second Semester. Three hours a week. Elective for Juniors and Seniors.

5. **Neurology.** A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1906-7.

6. **Neurology.** Continuation of Course 5. Second Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1906-7.

7. **Embryology.** Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1905-6.

8. **Embryology.** Continuation of Course 7, with a careful study of the development of some of the vertebrates. Second Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1905-6.

9. **Advanced Biology.** Special laboratory work arranged with reference to the individual needs of students wishing to devote a maximum amount of time to the study of Biology. First Semester. Three hours a week. Courses 1-4 prerequisite.

10. **Advanced Biology.** Continuation of Course 9.

PHYSICS

PROFESSOR INGHAM

1. **General Physics.** Mechanics, Heat and Sound. A brief but systematic treatment of Physics, giving an outline of the whole field in one year. Hastings and Beach, *General Physics*, and Jones, *Examples in Physics*. Three hours per week. Elective for Sophomores.

The text-book will be supplemented by lectures of which the students will be required to take notes, and all the important laws of Physics will be illustrated by the aid of the abundant and excellent apparatus at the disposal of the Department.

2. **General Physics.** Magnetism, Electricity and Light. This is a continuation of Course 1, which is prerequisite.

3. **Practical Physics.** Laboratory Practice in the measurement of length, mass, time, density, expansion, specific heat, etc. First Semester. Three laboratory periods a week. Elective for Juniors, and Sophomores who take Course 1.

The course consists of personal experimentation in the Physical Laboratory, accompanied by lectures and recitations on methods of manipulation, the theory of instruments, and discussion of results, correction and computation of errors. The endeavor is not merely to train the eye and hand, but to inculcate a habit of orderly and scientific thinking.

4. **Practical Physics.** The continuation of Course

3. **Measurements in Electricity, Magnetism, Sound and Light.** Second Semester. Three laboratory periods a week. Elective for Juniors, and Sophomores who take Course 2.

No text-book is used but free use is made of a number of manuals of laboratory experimentation, together with mimeographed notes. Among the books may be mentioned McLennan, *Manual of Experimental Physics*, Pickering, *Physical Manipulation*, Stewart & Gee, *Practical Physics*, Thompson, *Electricity and Magnetism*, Louis Wright, *Light*, and Nichols, *Manual*.

5. **Dynamic Electricity.** During the first semester of the Senior year a course of laboratory work is offered in dynamic electricity, elective for all courses. All experiments in this course are performed with dynamo current and are designed to be practical and are based on the methods of commercial electrical testing, as usually conducted on the large scale. This course comprehends determination of power, loss, magnetization loss and characteristic curves; hysteresis, Fancault currents, efficiency, armature reaction, candlepower of arc and incandescent systems. A few lectures are given and calculations and designs are made corresponding to a few typical modern installations.

MATHEMATICS AND ASTRONOMY

PROFESSOR HALSTED

1. **Solid Geometry and Algebra.** First Semester. Three hours a week. Required of Classical, Philosophical and Literary Freshmen.

2. **Plane Trigonometry.** First Semester. Three hours a week. Required of Classical, Philosophical and Literary Freshmen.

3. **Analytical Geometry.** First Semester. Three hours a week. Required of Scientific Freshmen. Elective for Sophomores.

4. **Analytical Geometry.** Continuation of Course 3. Second Semester. Three hours a week. Required of Scientific Freshmen. Elective for Sophomores.

5. **Calculus.** First Semester. Three hours a week. Required of Scientific Sophomores. Elective for Juniors.

6. **Calculus.** Continuation of Course 5. Second Semester. Three hours a week. Required of Scientific Sophomores. Elective for Juniors.

7. **Surveying.** First Semester. Three hours a week. Elective for all Sophomores.

8. **Descriptive Geometry and Drawing.** Second Semester. Three hours a week. Elective for all Sophomores.

9. **Mechanics.** First Semester. Three hours a week. Required of Scientific Juniors.

10. **Mechanics.** Continuation of Course 9. Second Semester. Three hours a week. Required of Scientific Juniors.

11. **Advanced Calculus.** First Semester. Three hours a week. Elective for Juniors and Seniors.

12. **Advanced Calculus.** Continuation of Course 11. Second Semester. Three hours a week. Elective for Juniors and Seniors.

13. **Non-Euclidean Geometry.** First Semester. Three hours a week. Elective for Juniors and Seniors.

14. **Non-Euclidean Geometry.** Continuation of Course 13. Second Semester. Three hours a week. Elective for Juniors and Seniors.

15. **Descriptive Astronomy.** First Semester. Three hours a week. Elective for all Seniors.

16. **Practical Astronomy.** Second Semester. Three hours a week. Elective for Seniors.

HISTORY

1. **Mediaeval and Modern European History.** The period of history covered by Courses 1 and 2 extends from the Fall of the Roman Empire and the Great Migrations to the middle of the 19th century. Robinson's *History of Western Europe* is used as an outline but the work consists largely in the reading of historical authorities and in oral reports and written papers on topics assigned by the instructor. First Semester. Three hours a week. Elective for Sophomores and Juniors. PROFESSOR DEVOL.

2. **Mediaeval and Modern European History.** This course is the continuation of the work outlined in the description of Course 1, which is prerequisite. Second Semester. Three hours a week. Elective for Sophomores and Juniors. PROFESSOR DEVOL.

3. **History of the 19th Century in Europe.** This course covers the history of Europe from the beginning of the French Revolution to the present time, special attention being given to the Unification of Germany and of Italy. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Alternate years. Offered in 1905-6. PRESIDENT PEIRCE.

4. **History of the 19th Century in Europe.** Continuation of Course 3, which together with Courses 1 and 2

is prerequisite. Second Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1905-6. PRESIDENT PEIRCE.

5. **English Constitutional History.** The course covers the whole period of the development of the English Constitution. Gardiner, *Students' History*, is used as the basis of the work, with collateral reading and the preparation of essays. First Semester. Three hours a week. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Alternate years. Offered in 1906-7. PROFESSOR DEVOL.

6. **English Constitutional History.** Continuation of Course 5, which together with Courses 1 and 2 is prerequisite. Second Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1906-7. PROFESSOR DEVOL.

7. **American Constitutional History.** This course includes the period from the beginnings of the spirit of independence to the completion of reconstruction. Outside reading and private investigation of special subjects form the principal part of the course, the only text-books used being the second and third volumes of the Epochs of American History Series. Papers on extended study of some particular subject are required from each student. First Semester. Three hours a week. Required of Seniors. PRESIDENT PEIRCE.

8. **American Constitutional History.** Continuation of Course 7, which is prerequisite. Second Semester. Three hours a week. Required of Seniors. PRESIDENT PEIRCE.

POLITICAL SCIENCE

1. **Constitutional Government.** Its nature, genesis and operation, with a comparative historical study of national executive, legislative and judicial institutions and methods in the leading countries of Europe and America. Lectures, recitations and assigned reading. Woodrow Wilson, *The State*, is the text-book used. First Semester. Three hours a week. Elective for Sophomores, Juniors and Seniors. PROFESSOR HALL.

2. **The American Political System.** This course deals with the practical workings of the American system of national government as it now exists. It studies the functions of the President and his Cabinet, the Committee systems of the Senate and House of Representatives, and the operations of the Federal Courts. It studies the political parties of the United States, their organization and machinery in operation, the phenomena of government by party, and its relation to public opinion. Second Semester. Three hours a week. Elective for Sophomores, Juniors and Seniors, who have taken Course 1. Alternate years. Offered in 1905-6. PROFESSOR HALL.

4. **Modern Municipal Government.** The rapid growth of cities during the 19th century has brought many serious problems. This course studies what the city is, both as a unit of local self-government, with special functions and needs, and as a part of state and national political systems. City officials, their duties, and the performance of these duties will be considered, and European municipalities and their administrations contrasted with those of the United States. Second Semester. Three

hours a week. Elective for Sophomores, Juniors and Seniors who have taken Course 1. Offered in 1906-7. PROFESSOR HALL.

5. **Constitutional Law.** McClain, *Constitutional Law in the United States*, supplemented by informal discussions and by reference to the leading authorities and to adjudicated cases. First Semester. Three hours a week. Elective for Juniors and Seniors. PROFESSOR DEVOL.

6. **International Law.** This course attempts to give an outline of the principles of International Law, using Wilson and Tucker's Manual as the text-book. Second Semester. Three hours a week. Elective for Juniors and Seniors. PROFESSOR DEVOL.

ECONOMICS AND SOCIOLOGY

PROFESSOR HALL

1. **Economics.** An introductory course in the principles of Political Economy. Lectures, discussions, recitations. First Semester. Three hours a week. Elective for Sophomores, Juniors and Seniors. Prerequisite for other courses in Economics.

2. **Economics.** Continuation of Course 1. Modern industrial and financial problems, such as those of money, credit and banking, combinations of capital and trusts, railroads and other public service monopolies, are studied in the light of economic theory. Second Semester. Three hours a week. Elective for approved Sophomores, and for Juniors and Seniors who have taken Economics 1. Prerequisite for other courses in Economics.

3. **Economic History.** A general survey of the industrial and commercial history of England and the United States, with lectures upon the origin and growth of systems of economic thought, such as the protective system, and free trade---showing the close relations between economic theories and national industrial development. First Semester. Three hours a week. Elective for Juniors and Seniors who have taken Economics 1 and 2. Alternate years. Given in 1905-6.

4. **Public Finance and Taxation.** A study of the principles of public finance, revenue, expenditures and public credit. Detailed consideration will be given to the theory of taxation, its actual forms and administrative methods, and to their economic effects. Second Semester. Three hours a week. Elective for Juniors and Seniors who have taken Economics 1 and 2. Alternate years. Given in 1907-8.

5. **The Modern Labor Movement.** A critical study of the origin and development, the theory and the practice, of trade unionism in the United States and foreign countries, with its aims, problems, and achievements. Unorganized labor will be considered---also the relations and antipathies between Trade Unionism and Socialism. First Semester. Three hours a week. Elective for Juniors and Seniors who have taken Economics 1 and 2. Alternate years. Given in 1906-7.

6. **Social Reconstruction Theories.** An historical and critical analysis of the principal theories of radical social reconstruction, with special reference to the modern Socialistic movement. Lectures and recitations. Text-books, Ely, *French and German Socialism*, and Brooks, *Social Unrest*. Second Semester. Three hours a week. Elective

for Juniors and Seniors who have taken Economics 1 and 2. Given in 1905-6, and in 1906-7. Afterwards alternating with Course 4.

7. **Criminology.** A study of the criminal class, of the nature and causes of crime, of the origin and development of criminal law, and of methods of punishment, prevention and reformation. Lectures, reports on topics assigned for investigation, with discussion and criticism of the reports in the class. Hall's *Crime and Social Progress* is the text-book used. First Semester. Three hours a week. Elective for approved Seniors.

8. **Educational Philanthropy.** A study of the unskilled and inefficient, chiefly in the tenement districts of our big cities and factory towns; and of the best methods of social uplift, including the organization of charities, settlement work, public parks, gymnasiums and playgrounds, etc. Lectures, papers on subjects assigned for investigation, with discussion and criticism of the papers in the class. Second Semester. Three hours a week. Elective for approved Seniors.

MENTAL AND MORAL PHILOSOPHY

1. **Psychology.** The *Briefer Course in Psychology* of Professor James is used in the classroom. A careful critical comparison of Professor James with the older school of psychologists is made at every step, and independence of thought on the part of the student is made the prime object of the course. First Semester. Three hours a week. Required of Juniors. PROFESSOR WALTON.

2. **Logic and Ethics.** A small Handbook is used as the basis of work in Logic, with lectures based on

Lotze and Welton. The second half of the Semester is devoted to a study of the history and theory of ethics, with Mackenzie or Sidgwick as the text-book. Second Semester. Three hours a week. Required of Juniors. PROFESSOR DEVOL.

3. **History of Philosophy.** A brief but systematic and critical outline of Ancient, Mediaeval, and early Modern Philosophy is presented. The text-books used are Zeller, *Greek Philosophy* and Falckenberg, *History of Modern Philosophy*. First Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1906-7. PRESIDENT PEIRCE.

4. **Metaphysics.** On the foundation of the outline of the History of Philosophy furnished by Course 3, a more thorough critical study of metaphysical questions is pursued by the careful reading of particular systems of philosophy, usually of Berkeley, Hume and Kant. Course 3 prerequisite. Second Semester. Three hours a week. Elective for Juniors and Seniors. Alternate years. Offered in 1906-7. PRESIDENT PEIRCE.

THE BIBLE

PROFESSOR SMYTHE

1. **Old Testament History.** The aim is to familiarize the student with the principal contents of the Old Testament, and to give him some knowledge of the history, literature and religion of Israel. A text book will be used, and lectures given. First Semester. One hour a week. Required of Freshmen.

2. **Old Testament History.** Continuation of Course

1. **Second Semester.** One hour a week. Required of Freshmen.

3. **The Life of Our Lord.** Burton and Matthews, *The Life of Christ*. Stevens and Burton's *Harmony of the Gospels*. First Semester. One hour a week. Required of Sophomores.

4. **The Life of Our Lord.** Continuation of Course 3, together with lectures on Christian Evidences based upon the historical matter studied in this and the preceding course. Second Semester. One hour a week. Required of Sophomores.

GENERAL INFORMATION.

RULES AND REGULATIONS

MATRICULATION

A student is admitted to matriculation when he has sustained a satisfactory probation. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. Each student, when matriculated, signs the following obligation :

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself :

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degree of Bachelor of Arts is conferred upon the completion of the Classical Course; that of Bachelor of Philosophy upon the completion of the Philosophical Course; that of Bachelor of Science upon the completion of the Scientific Course; and that of Bachelor of Letters upon the completion of the Literary Course.

THE DEGREE OF MASTER OF ARTS

Candidates for the Degree of Master of Arts must be graduates of Kenyon College, or of some other institution of equal standing.

The candidate shall be admitted by a vote of the College Faculty, and assigned to the oversight of some member of the College or Seminary Faculty, who shall be the director and judge of his work.

This work shall consist of some problem of research, the performance of which shall involve an amount of work equal to that of a full college year of fifteen hours a week. It shall moreover be of a character not less advanced than that done in Junior and Senior elective courses. No elementary work in any language shall count unless the candidate already possesses a fair knowledge of at least three other languages, not including modern English. The director may demand such reports, theses or examinations as may seem necessary to secure the proper performance of the work assigned. If a candidate fails to meet such requirements, his candidacy shall terminate.

The candidate shall prepare a thesis embodying the results of his work, and submit the same not later than May 15th. This thesis shall be subject to the approval of a committee consisting of the director and two other members from the College Faculty. If approved, it shall be printed in a style to be indicated by the College, and fifty copies be deposited in the College Library. The diploma will be withheld until such deposit shall have been made.

The fee charged for the Master's degree shall be \$25.00, of which \$20.00 must be paid on admission as candidate, and \$5.00 accompanying transmission of the thesis.

This degree may also be conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above, and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The College has adopted the American intercollegiate system of academic costume, and its gowns and hoods are regulated by the Association. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the Bachelor's but one foot longer. The Doctor's hood is of the same length as the Master's but has panels at the sides.

EXAMINATIONS AND CONDITIONS

Students who are not present at the opening of the term should show by written statement from their parents or guardians, that the absence was necessary.

Regularity in the performance of all college duties is

important for the welfare not only of the individual student, but also of his class, and any student who persistently neglects these duties will be required to leave the College.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class, and is not allowed to make it up by examinations. A student, who, by reason of poor work during the semester, or on the final examination, is conditioned in any subject is allowed to remove the condition by examination, unless in the opinion of the instructor his work has been so poor as to require repeating the subject in the class room.

Examinations for the removal of conditions will be held within the first week of the following semester. For those failing to pass this examination another opportunity will be offered within one week from the middle of that semester. Failure to pass both of these examinations will oblige the student to take the subject over again in class. Members of the Senior class will be allowed one further examination in addition to those specified, which examination is given during the Senior vacation.

PUBLIC WORSHIP

Students are required to attend Morning Prayer in the College Chapel and also the Church services on Sundays and the principal Holy Days.

Every absence from or tardiness at Morning Prayer is counted as one demerit, and every absence from or tardiness at a church service, at which attendance is compulsory, is counted as two demerits. A student is allowed forty-four demerits a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

The Faculty reserve the right to suspend or remove

any student, whenever they believe that the interests of the College require such action.

EXPENSES

Entrance Fee	\$ 5 00
Tuition	75 00
Incidental Fee	10 00
Library and Reading Room	3 00
Gymnasium Fee	3 00
Room Rent	\$15.00 to 50 00
Heat	10 00 to 30 00

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office, will be suspended from all college privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

Students are required to room in the College dormitories, except by special permission from the President. The rooms are unfurnished, and furniture must be provided by the student.

Board can be obtained in private families and in student's clubs, at prices ranging from \$2.60 to \$5.00 a week.

Of general and personal expenses no estimate is attempted.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

All checks and drafts should be made payable to R. S. Devol, Treasurer, Gambier, Ohio.