1-1-1975

1915-16: Catalog of the Officers and Students of Howard University

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CATALOGUE

Howard University
1915-1916
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CALENDAR

1916

June 1, Thursday, 10 a. m...Alumni Reunion, School of Theology
3 p. m...Class Day, School of Liberal Arts and Professional Schools
8 p. m...Graduation Exercises, School of Theology

June 4, Sunday, 4 p. m........Baccalaureate Sermon

June 5, Monday, 3 p. m......Class Day of the Normal Training Classes, the Commercial College and the Academy
8 p. m...Graduation Exercises of the Normal Training Classes, the Commercial College and the Academy

June 6, Tuesday, 3 p. m...Annual Meeting, Board of Trustees
8 p. m...Annual Recital, Conservatory of Music

June 7, Wednesday, 10 a. m...Annual Meeting, Alumni Association
1 p. m...Alumni Luncheon, Main Hall
4 p. m..COMMENCEMENT

June 8 to September 19 ....Summer Vacation
September 19 ......................Registration Day
September 20......................First Semester opens in School of Liberal Arts, School of Manual Arts and Applied Sciences, Conservatory of Music, Commercial College, and Academy

October 2 .........................First Semester opens in Schools of Theology, Medicine and Law

November 23 to Nov. 26, inc...Thanksgiving Recess for Academic Departments

December 23 to Jan. 2, inc..Christmas Recess

1917

January 29 to February 3 .....Semi-annual Examinations
February 3 ......................First Semester ends
February 5 ......................Second Semester begins
February 2 ......................Semi-annual Meeting of the Board of Trustees
February 22 ....................Washington’s Birthday
March 2 .........................Charter Day
April 6 to April 9 inc........Easter Recess
May 28 to June 2 .............Final Examinations
May 30 .........................Decoration Day
June 6 .........................COMMENCEMENT
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School of Medicine, Messrs. Rudolph and Waring

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School of Manual Arts, Messrs. Grimke and Waring
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Superintendent Dental Infirmary; Lecturer on Dental Anatomy.

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   MAURICE GILL, Main Hall.
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Joseph Hunter Brooks
Peter Carter
Thomas Dyett
William Pollard
GENERAL INFORMATION

ORGANIZATION

The charter of Howard University, dated March 2, 1867, provides for "a university for the education of youth in the liberal arts and sciences." While special provision was made for the higher education of the Negro, no race was excluded, and North American Indians, Chinese, Japanese and Europeans of several nationalities, besides American citizens, have in the past been found in the several departments, being especially attracted by the superior advantages in the professional schools.

The University has had a line of distinguished presidents during the past forty years, among whom may be named the Rev. Byron Sunderland, D. D., General O. O. Howard, LL. D., the Rev. William Weston Patton, D. D., LL. D., and the Rev. Jeremiah Eames Rankin, D. D., LL. D. The united terms of the two latter cover twenty-seven years (1876-1903) of service.

LOCATION

Howard University is in the Capital of the Nation. The campus of twenty acres comprises the highest elevation in the northwest section of the city. The Reservoir Lake borders the campus on the east. The grounds of the National Soldiers' Home furnish a park at the northeast. Immediately adjoining the campus on the south are the Freedmen's Hospital buildings, erected on a tract of eleven acres, leased by the University to the Government. Georgia Avenue, the extension of Seventh Street, one of the principal thoroughfares of the District, is at the foot of Howard Place, on the west. From the University Hill the Capitol, Congressional Library, the Washington Monument and the Potomac River are in clear view.

WASHINGTON A UNIVERSITY CITY

The museums and libraries supported by the general government of the United States, together with similar institutions belonging to the City of Washington, present advantages unsurpassed by those of any
other city in the land. The Library of Congress, with its immense and constantly increasing collection of books; the Smithsonian Institution and National Museum, with their innumerable specimens of all kinds gathered from all parts of the earth; the Bureau of Education, with its extensive library; the Bureau of Fisheries, with its aquaria; the Botanical Garden, with numerous greenhouses well stocked with living plants; the Army Medical Museum, containing extensive collections and the largest medical library in the world; the Naval Observatory, with its equipment for astronomical work—all these and many others are easily reached and may be freely visited. By authority of Congress all governmental collections, together with facilities for research and illustration, are made accessible to students of the institutions of higher learning in the District of Columbia.

The Carnegie Library and the Corcoran Art Gallery, although not belonging to the Government, are nevertheless free to all under the ordinary restrictions applying to such organizations.

Washington has been called a university in itself. To live in such an atmosphere is a liberal education to an eager, receptive mind. Students of all departments have unusual opportunities for general culture and that larger outlook upon life gained through lectures, concerts and entertainments of an elevating character. On the floors of the Senate and House of Representatives, leaders in national thought and statesmanship may be heard on vital questions. Many lectures of fine order are given in the city, and more or less of them are free to all.

BUILDINGS AND GROUNDS

THE UNIVERSITY BUILDINGS

The University buildings are all located on the main campus with the exception of the Law School building, which is on Judiciary Square. They are heated with steam and lighted by electricity. They are in charge of a superintendent of buildings and grounds and a competent engineer. Pains are taken to keep the buildings always in a sanitary condition, and the healthfulness of the campus and surroundings is well known.

THE MAIN HALL

The main building crowns the summit of the hill at a height of 185 feet above the Potomac River, and can be seen from all sections of the city. In length it is 184 feet, and it has an extreme breadth of
95 feet. It is four stories in height, with a tower from which a fine view of the city and district can be obtained. It is filled with recitation and lecture rooms, together with the offices of the Secretary and of the Treasurer.

**CLARK HALL**

Clark Hall, the dormitory for young men, at the north end of the campus, is four stories in height and is 170 feet long and 44 feet broad. It supplies rooms for 200 students. It was named after David Clark, Esq., of Hartford, Conn., who, early in the history of the University, contributed to its funds $25,000.

**MINER HALL**

Miner Hall, the dormitory for young women, is 220 feet long by 36 feet broad, and stands on the east of the University quadrangle. It is four stories in height, above a basement story which contains the dining-rooms and kitchen with an outside entrance for young men. The building has a reception parlor, music and sewing rooms, and no effort is spared to give it a home-like atmosphere.

**BUILDING OF MANUAL ARTS AND APPLIED SCIENCES**

The Hall of Manual Arts and Applied Sciences is of brick with reinforced concrete floors, and is 100 by 40 feet, and three stories high. The basement is occupied by engineering laboratories; the second floor by the department of woodworking; and the third floor is used for lecture rooms, the domestic arts department, a drafting room and domestic science laboratory.

**THE MEDICAL BUILDING**

The Medical School building is a large structure of four stories and basement. It contains the lecture-rooms and the anatomic, physiologic, chemic, histologic, bacteriologic, pathologic, dental and pharmacal laboratories. It is well supplied with apparatus and materials for illustration. The laboratories are modern and thoroughly equipped. The amphitheatre accommodates several hundred. It has a fine location within a few steps of the Freedmen's Hospital.
THE MEMORIAL CHAPEL

The Rankin Memorial Chapel, which stands at the entrance to the University grounds, is built of brick and brown stone and is an example of Gothic architecture. It is largely covered with ivy, which adds to its attractiveness. The north end contains a triple stained glass window, representing the Landing of the Pilgrims, the House at Scrooby, and the City of Leyden, Holland, in memory of Deacon S. H. Stickney, of Baltimore. At the south end is the stained glass window of Sir Galahad, erected by teachers and students in memory of the late Professor Charles Chauveau Cook. The Chapel stands as a memorial to Andrew E. Rankin, the brother of the late President Rankin, and the deceased husband of a generous donor, Mrs. H. T. Cushman, of Boston. Anniversaries, University lectures, daily chapel and vesper services are held here. A number of busts and oil paintings of distinguished friends of the University adorn the platform.

THE LAW BUILDING

The Law School building is situated on Judiciary Square, with the Court Houses and courts contiguous. Besides the offices of the school, it contains the large William M. Evarts lecture-hall, built in chapel form, two stories high, and extensive libraries of the school.

THE CARNEGIE LIBRARY

The Carnegie Library, which fronts on the campus, is over 100 feet long and 35 feet deep, not including the projection of the stack room. The design of the building is classic.

It is capable of holding from sixty to seventy thousand books. Two-thirds of these will eventually be placed in the stack, which is in four tiers, made entirely of steel and glass, with movable shelves.

On the first floor, the two reading rooms open widely off the circulating room. An open gallery runs around the second floor. On this floor are the special reading room of the School of Theology, Board room, the offices of the President of the University, and two seminar rooms. In the basement there is a good sized assembly room and a newspaper room.

The Library is designed for general reference and study in all departments; it also aims to supply the students with good reading. It is open during the term, on week days from 8:00 a. m. to 8:30 p. m.
There are in the collection 29,772 bound volumes and about 21,850 pamphlets. A beginning has been made for a collection of books by and about negroes. Dr. Moorland has contributed his valuable library for this purpose. There is also the Lewis Tappan anti-slavery collection. The library is constantly being increased by purchases and gifts. About five thousand dollars are expended annually in purchases and administration. The reading rooms are provided with 141 of the leading periodicals.

The School of Law has a branch library at the Law Building on Fifth Street. This contains 3,200 principal text-books, legal reports, etc., and 200 pamphlets.

A branch library is established in the Medical Building for the students of that department.

**Thirkield Science Hall**

Thirkield Science Hall is a four-story fireproof structure with modern equipment for scientific departments. The walls are of brick with terra cotta and stone trimmings. The interior is of steel and re-enforced concrete.

The basement contains a large electrical engineering laboratory, storage battery room, assay room, skeleton room, private and biological laboratories, and storage rooms. The first floor is devoted entirely to biology, the second to physics. The third floor is occupied by the department of chemistry. On this floor is a large, well lighted auditorium, seating about 225 students, available for class work and scientific lectures. Over $10,000 has been spent in equipment.

**Literary and Musical Societies**

The University maintains several literary societies and debating clubs which, through exercises, debates, oratorical contests and dramas, provide a training of great importance. It also furnishes from time to time lectures which all students may attend.

The Alpha Phi Literary Society, open to members of the colleges and professional departments, brings out the powers of quick and accurate thinking, correct expression and impromptu speaking. It holds annually a public oratorical contest, at which a gold medal is awarded.
The Kappa Sigma Debating Club is composed of students of the School of Liberal Arts. Its purpose is to foster inter-collegiate debating and to develop ready and useful speakers. The Club holds an annual debate with other institutions of the same rank.

The Pestalozzi-Froebel Society is an organization of the Teachers College. Its work, while conducted by the students themselves, is carefully supervised by the faculty, participation in its exercises being made compulsory. It gives each year one or more public literary exercises.

The Theological Literary Society discusses topics in the field of religion, sociology and practical life. Its Maynard Prize Debate is held annually.

The Eureka Society in the Academy trains its members in parliamentary practice and debating. Its Mock Congress gives opportunity for the study of present-day political questions.

The English Chautauqua is an organization composed of college women for the encouragement of the highest appreciation for speaking, reading, writing the best English.

There are also the Classical Club, Der Deutsche Verein, and the Dramatic Club.

The Stylus is a society organized for the encouragement and development of original literary expression in the University. Its membership is open to all students of the College of Liberal Arts and is determined by competitive writing contests in the fall and spring of each year. The society purposes to issue a literary magazine.

In addition to individual instruction in vocal and instrumental music, there are various classes in which careful training is given. A vested choir of about fifty voices is maintained. There is also a Young Men's Glee Club, thoroughly drilled by an instructor of the University. The University chorus has given Mendelssohn's "Elijah," and Handel's "Messiah." A Conservatory of Music has been established, in which a full college course of music is given.

RELIGION AND MORALS

The charter contains no religious test or limitation. The University, however, is distinctly Christian in its spirit and work. It is not denominational, and its students are drawn from all churches, including the Roman Catholic. The President conducts daily prayers in
the chapel, which students are required to attend, and preaches at vespers every Sunday afternoon. Bible classes, taught by deans or professors, are maintained on Sunday morning. A general prayer service is held every Tuesday evening. The Preceptress leads every morning a devotional service for the young women rooming in Miner Hall. Students attend the churches of their choice in the city, and some of them engage actively in religious and philanthropic work in social settlement, Christian associations of the University and other philanthropic organizations.

The Young Men's Christian Association is the organization within the University which aims at (1) the promotion of the religious life of the male students by devotional exercises, systematic Bible study, individual work for life surrender to Christ, and social service; (2) the securing of employment for needy students; (3) the providing of wholesome recreation and social life as a substitute for undesirable resorts in the city. Joseph G. Logan, a graduate of the class of 1905, is general secretary of the Association. All the plans of the Association are carried out under his supervision. A member of the new student committee will be glad to meet any new student at the station who writes to the Secretary, stating the time of his arrival.

The Young Women's Christian Association is an affiliated branch of the National Association, and aims to develop among the young women of the University high standards of character and conduct. Devotional meetings throughout the school year are held in Miner Hall, and Bible and mission study classes are carried on during the winter term.

OPPORTUNITY FOR WORK BY STUDENTS

While Howard University offers within the University quite a number of places in the aggregate for students to earn in part their way in school, most of these positions are engaged beforehand by those who have already attended. Many of our students work outside of the University in Washington, waiting in hotels, boarding houses and restaurants, caring for houses, furnaces, walks and yards, running elevators, watching, etc. An employment bureau is maintained in the office of the Secretary of the Y. M. C. A. to assist in finding places to work. Applications should be sent to the Secretary of the Y. M. C. A., Howard University, Washington, D. C., with as full a statement as practicable of what work one has done and what one can do best. It is not wise for any student who wants to earn part of his expenses to come to the University with less than $80.00 to pay his initial charges
and his expenses till he can get work. At best, except in rare cases, a student during the school session can earn only part of his expenses. One usually cannot get work till he is on the ground and whether he gets work at all depends largely upon his energy and enterprise. It may be some time before he can get suitable work.

The above refers to young men. There are only a very few positions in Miner Hall for young women to earn part of their expenses. These are engaged long in advance. There is practically no opportunity for young women to earn part of their expenses by working in the city unless it is with personal friends.

HEALTH AND PHYSICAL TRAINING

The health of students in the University is given consideration. All students except those of the professional schools are required to take physical training and exercise in the gymnasium under the physical director, with the combined fee for athletics and physical training as below. Physical training with the use of the gymnasium is optional for professional students. The fee for those who take it is $2.00 for the year in addition to the athletic fee of $1.00 as below. For seniors and juniors in the School of Liberal Arts, physical training is optional.

ATHLETICS

General supervision of athletic sports is vested in the Athletic Council. This body is composed of members of the faculty, alumni and undergraduate students. It has jurisdiction over all athletic matters, as well as general oversight of the deportment and scholarship of the members of the several teams. There is a large athletic field, upon which the students engage in all outdoor exercises, such as football, baseball, cricket and field events. The track is about one-fifth mile in length, and has a 120-yard straight-away. The grandstand runs parallel to the straight-away, thus giving a good view of the start and finish of races.

Candidates for places on the various athletic teams will be required to take a physical examination and give evidence of fitness by making strength tests. Students not candidates for teams will be required to take a physical examination for the purpose of ascertaining defects which may be overcome by corrective physical training.
PRIZES

PRIZES OFFERED BY THE COUNCIL OF UPPER CLASSMEN

The following prizes are available through the Council of Upper Classmen, and will be awarded annually: 1. A prize of five dollars to the student of the Freshman class of the School of Law who makes the best argument at the annual open session of the Blackstone Club. 2. A prize of five dollars to a student of the Junior or Senior class of the School of Liberal Arts for excellency in English. 3. A gold medal, worth not less than five dollars, to that student of the Senior class of the School of Law, who, by vote of the Faculty, shows the greatest proficiency in Constitutional Law.

J. EDWARD BARRY PRIZE IN PUBLIC READING

Honorable J. Edward Barry, ex-Mayor of Cambridge, Massachusetts, offers a prize of ten dollars for excellence in Public Reading.

PRIZE IN ORATORY

A good friend in Boston, Massachusetts, offers a prize of ten dollars for excellence in Oratory.

ALPHA KAPPA ALPHA SORORITY PRIZE

The Alpha Kappa Alpha Sorority offers an annual prize of ten dollars to the young woman in the School of Liberal Arts who is graduated with the highest average scholarship, which must be not lower than cum laude grade and must cover four years of work at Howard University for the degree of A. B. or B. S.

THE JAMES M. GREGORY DEBATING PRIZE

The annual income from the James M. Gregory debating fund of $100.00 constitutes a prize to be awarded to the best individual debate in the trials for the University debating teams.

LAURA BARDWELL PRIZE AND AMANDA JONES PRIZE

Mrs. Laura Bardwell agrees to give annually beginning at the Commencement of 1916, two prizes of $10.00 each. The Laura Bardwell Prize shall be awarded to any member of the Delta Sigma Theta Sorority and the Amanda Jones Prize to any member of the Omega Psi Phi Fraternity, who are in the graduating class, who has maintained an average of ninety per cent. throughout the four years of
college work. The money in each case is to be spent for books to be selected by the winner of the prize with the approval of the Professor of English in the College of Arts and Sciences, and the President of the University.

EXPENSES

The following list of expenses includes the various items for which charge is made by the institution but it does not include such items as laundry, books and general expenses of a miscellaneous character, all of which are variable and more or less determined by the student himself. Laundry, mending and similar expenses will range from one to two dollars per month. Books, paper, and similar articles will cost six dollars per year and upward, depending on the course taken.

The dormitories are available for the students of the departments where room rent is listed below. The students of the Schools of Medicine and Law secure rooms in the city.

Table board is furnished in the University Dining Hall at $10 per month, payable monthly in advance. This amounts for the school year to about $83.00.


All bills for the entire year are due and payable in advance.

Matriculation (paid only first year) ............................................... $ 5.00
Incidental fee ............................................................... 20.00
Library fee ................................................................. 1.00
Athletic and Physical Training fee .............................................. 3.00
Laboratory fee—Chemistry ............................................... 5.00
Laboratory deposit—Chemistry, for breakage ......................... 5.00
Laboratory fee—Physics .................................................. 3.00
Laboratory deposit—Physics or Botany for breakage ............. 3.00
Laboratory fee—Physiology, Biology, Botany, Zoology, En-
  gineering, each ....................................................... 2.00
Laboratory fee—Geology .................................................. 1.00
Laboratory fee—Nature Study ............................................. .50
Laboratory fee—Academy Physics ........................................... 1.00
Laboratory fee—Academy Chemistry ...................................... 3.00
Typewriting paper fee ......................................................... .50
GENERAL INFORMATION

Room rent, including steam heat and light ........................................ 25.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order ........................................... 1.00

IN THE SCHOOL OF THEOLOGY

Matriculation (paid only first year) ............................................. $ 5.00
Room rent, including steam heat and light ...................................... 16.00
Library fee ................................................................................................ 1.00
Athletic fee ............................................................................................ 1.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order ........................................... 1.00

Theological students pursuing courses (except elementary Greek) in the other foregoing departments are charged a proportional incidental fee, viz:—
$5.00 for each year course of 4 or more hours per week.
$4.00 for each year course of 3 hours per week.

IN THE SCHOOL OF MEDICINE (MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES)

Fee for entrance examination ............................................................. $ 5.00
Matriculation (paid only first year) ................................................. 5.00
Medical College, tuition for the year ........................................... 100.00
Medical College, laboratory fee ....................................................... 25.00
Dental College, tuition for the year ..................................................... 80.00
Dental College, Laboratory fee for each year ..................................... 20.00
Pharmaceutical College, tuition for the year ................................... 80.00
Pharmaceutical College, Laboratory fee for each year .................. 10.00
Library fee .............................................................................................. 1.00
Athletic fee .............................................................................................. 1.00

IN THE SCHOOL OF LAW

Matriculation (paid only first year) ............................................. $ 5.00
Tuition fee for the year ........................................................................ 50.00
Library fee ................................................................................................ 1.00
Athletic fee .............................................................................................. 1.00

IN THE CONSERVATORY OF MUSIC

Matriculation (paid only first year) ............................................. $ 5.00
General library fee for the year ....................................................... 1.00
Athletic and physical training fee for the year ................................ 3.00
Voice—two lessons per week of 30 minutes each ............. $40.00 per year
Voice—one lesson per week of 30 minutes each ............. 20.00 per year
Piano—two lessons per week of 20 minutes each ............. 40.00 per year
Piano—one lesson per week of 20 minutes each ............. 20.00 per year
Violin—two lessons per week of 30 minutes each ............. 40.00 per year
Violin—one lesson per week of 30 minutes each ............. 20.00 per year
Harmony—class lessons, two per week ......................... 10.00 per year
Ear Training—class lessons, two per week ..................... 10.00 per year
Use of Piano one hour a day .................................. 10.00 per year
Use of Piano two hours a day .................................. 20.00 per year
Music Library fee .................................................. 1.00 per year

The deposit for breakage of $5 in the chemical laboratory and of $3 in the physical laboratory is to be made with the Treasurer of the University before the student is admitted to the laboratory. When a student has exhausted his deposit, he is required to make another deposit to cover future breakage. At the close of the year any balance of the deposit is to be returned to him.

GRADUATION AND DIPLOMAS

Diploma for Bachelor's Degree and that of Doctor of Medicine.
Pharmacy, Dentistry, or Law ................................... $5.00
Graduation fee .................................................. 2.00
Diploma, Teachers College .................................... 2.00
Certificates for those who have completed courses which do not entitle them to a degree .................. 3.00

ESTIMATED EXPENSES OF STUDENT FOR ONE YEAR IN ANY EXCEPT THE PROFESSIONAL SCHOOLS

Incidental, Athletic, Physical Training and Library fees ......................................................... $24.00 to $24.00
Room rent, heat and light ..................................... 25.00 to 25.00
Board $10.00 per month, about 8 1-3 months ............. 83.00 to 83.00
Laboratory fees and deposits as above in Chemistry, Physics, Biology, and Geology, when the student takes these studies .................................. 1.00 to 15.00
Matriculation fee (first year only) ......................... 5.00
Laundry ......................................................... 10.00 to 20.00
Books ......................................................... 6.00 to 15.00

Total .......................................................... $149.00 to $187.00
The foregoing does not include clothes and incidental personal expenses, as these vary with the individual. The smaller amount would answer for students in the earlier years, especially in the Academy, when there are no laboratory fees and books are less expensive.

Students should have at least $80.00 on arrival at the institution. All bills are payable in advance (the first payment for board is to October 31st), and books and other incidental supplies must be purchased at the beginning of the term. Room rent and fees will not be refunded if a student leaves or if his relation to the University is dissolved from any cause except illness, in which case a physician's certificate will be required. No student is allowed to board himself in his room, and all who room in Clark Hall or Miner Hall must take their meals in the University dining room, unless excused. The rooms in the dormitories are furnished with bedstead, mattress, chairs, tables and book-case. All other furnishings, such as towels, sheets, blankets, pillows and pillow-cases, must be supplied by the student. This must not be forgotten, nor should the newcomer overlook the advisability of reaching the institution early in the day, so that his room may be in order for use the first night. Applications for rooms should be made early. A room reservation will not be made for an applicant unless there is advance payment of $12.50 on the room rent.

The young women of Miner Hall are under the charge of a competent preceptress. The authorities of the University advise that all young women whose homes are not in the city should room in Miner Hall. They must refuse to assume responsibility for any young women who boards in the city and goes back and forth by herself for classes.

A deposit of one dollar for safe return of key, and to insure proper care of furniture, etc., is required. Room rent and board for shorter periods will be charged for at a higher rate than the prices named.

For admission to Miner Hall as a boarder a young woman must be at least sixteen-and-a-half years of age at the opening of the session.

Any personal property left by students during term time or vacation in the care of any officer of the University or in any of its buildings or upon its grounds, must be so left at the risk and liability of the owners thereof. The University does not hold itself liable for any personal property belonging to students.
HOWARD UNIVERSITY

HOW TO ENTER

Before coming to Washington, those desiring to enter the University should invariably write to the dean or secretary of the departments they wish to enter, stating clearly what studies they have completed, and what course of study they desire to undertake. Failure to do this may work an ultimate hardship. The applicant should fill out and return the blank found on last leaf of this catalogue. The requirements for admission into Howard University are higher than in some southern institutions.

On reaching the city, students intending to enter the School of Medicine (including the Medical, Dental, and Pharmaceutic Colleges), should report at once to Dr. William C. McNeill, secretary, at the Medical Building on Fifth and W Streets; those intending to enter the School of Law, to Mr. George F. Collins, secretary, at the Law Building, 420 Fifth Street, opposite the Court House. Those who plan to enter other departments will report at the Registrar’s Office in the Main Hall on the University campus. On inquiry at the Information Booth at the New Union Station, the student will be properly directed by the official in charge. From the Union Station the campus is most conveniently reached by taking any car going west on the Washington Railway and Electric Line and transferring at Ninth Street to a northbound Takoma Park, Forest Glen, District Line, Brightwood or Soldiers’ Home Car.

EXTRACT FROM MINUTES OF THE BOARD OF TRUSTEES OF HOWARD UNIVERSITY,
FEBRUARY 6, 1913.

“Resolved, that each faculty of Howard University, other than the medical faculty, shall be composed of its dean, professors, associate professors, and assistant professors, together with such instructors as are appointed for a term longer than one year, all of whom are to teach in the department under the charge of the faculty. Instructors and assistants who are appointed for one year to give instruction in a particular department may attend the meetings and take part in the deliberations of its faculty but shall not vote. The President of the University shall be a member of each faculty.”

Howard University is a member of the Association of Colleges for Negro Youth.
SCHOOL OF LIBERAL ARTS

COMPRISING

THE COLLEGE OF ARTS AND SCIENCES

AND

THE TEACHERS COLLEGE

Each of the above colleges is administered by its own faculty. The two colleges have the same requirements for admission.

Beginning with the entrance class of 1914, the College of Arts and Sciences will offer the purely academic degrees: "Bachelor of Arts" and "Bachelor of Science;" the Teachers College will offer the degrees: "Bachelor of Arts in Education" and "Bachelor of Science in Education."

No student will be allowed to enter a course during the first semester later than the seventh of October, nor during the second semester later than the tenth of February.

REQUIREMENTS FOR ADMISSION

Letters of honorable dismissal from the school last attended are required of all applicants. Graduates from the Academy of Howard University are admitted on certificate. Graduates from other accredited secondary schools having four-year courses will be admitted without examination, except that all such applicants may be examined in English. Applicants from secondary schools must present a transcript of their scholastic record during their four years’ course.

A unit represents a year’s study in any subject in a secondary school, constituting approximately a quarter of a full year’s work.

This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis and assumes that the length of the school year is from 36 to 40 weeks, that a period is from 40 to 60 minutes in length, and that the study is pursued for four or five periods a week; but, under ordinary circumstances, a satisfactory year’s work in any subject can not be accomplished in less than one hundred and twenty 60-minute hours or their equivalent. Schools organized on a different basis can nevertheless estimate their work in terms of this unit.

Applicants for admission to the Freshman class without condition must present fifteen units. Applicants who present thirteen units may
be admitted *conditioned* in two units. One unit of such deficiency must be made up before the beginning of the Sophomore year. All entrance conditions must be removed by the beginning of the Junior year.

Single half units will be accepted only in the Sciences and in Civics. Less than two units in Latin will not be accepted in fulfillment of entrance requirements. A single unit in Greek will be accepted only on condition that the applicant continue that study.

**PART COURSE STUDENTS**

Candidates who meet all of the requirements for admission, but who do not wish to work for a degree, may be permitted to take selected studies. Such students shall be designated as "Part Course Students." Candidates for a degree, who, for special reasons, may be allowed to carry less than four courses, shall be listed in the catalogue as part course students until they shall have completed at least eighteen units.

**LIST OF ENTRANCE UNITS**

One unit in a subject not contained in this list may be allowed credit at the discretion of the Faculty, but no subject will be counted that has been pursued in the grades below the High School.

The requisite entrance units must be chosen from one of the following groups:

**ENTRANCE GROUPS**

**GROUP I.**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Latin</td>
<td>4</td>
</tr>
<tr>
<td>Greek</td>
<td>2</td>
</tr>
<tr>
<td>History</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**GROUP II.**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Latin</td>
<td>4 or 2</td>
</tr>
<tr>
<td>Mod. Language</td>
<td>2</td>
</tr>
<tr>
<td>History</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>2 or 4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**GROUP III.**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Mod. Language</td>
<td>2</td>
</tr>
<tr>
<td>History</td>
<td>2</td>
</tr>
<tr>
<td>Science</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Electives: Botany, Civics, Chemistry (2), Commercial Geography, History (2), Physical Geography, Physics (2), Latin (2), Zoology.

**Note:** Three units credit will be given for subjects accepted for graduation by accredited high schools, on the basis of one-half unit for each laboratory subject.
The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence and appreciation.

GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively Reading and Study, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

1. Reading.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.
With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

Group I. Classics in Translation.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Aeneid. The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence. For any selections from this group a selection from any other group may be substituted.


Group III. Prose Fiction.—Malory, Morte d' Arthur (about 100 pages); Bunyan, The Pilgrim's Progress, Part I; Swift, Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe, Robinson Crusoe, Part I; Goldsmith, The Vicar of Wakefield; Frances Burney Evelina; Scott's novels, any one; Jane Austen's novels, any one; Maria Edgeworth, Castle Rackrent or The Absentee, Dickens' novels, any one; Thackeray's novels, any one; George Eliot's novels, any one; Mrs. Gaskell, Cranford; Kingsley, Westward Ho! or Hereward, the Wake; Reade, The Cloister and the Hearth; Blackmore, Lorna Doone; Hughes, Tom Brown's Schooldays; Stevenson's Treasure Island, or Kidnapped, or The Master of Ballantrae; Cooper's novels, any one; Poe, Selected Tales; Hawthorne, The House of the Seven Gables, or Twice-Told Tales, or Mosses from an Old Manse; a collection of Short Stories by various standard writers.

Group IV. Essays, Biography, etc.—Addison and Steele, The Sir Roger de Coverley Papers, or selections from the Tatler and Spectator (about 200 pages); Boswell, selections from the Life of Johnson (about 200 pages); Franklin, Autobiography; Irving, selections from the Sketch Book (about 200 pages), or Life of Goldsmith; Southey.*

* If not chosen for study under it.
Life of Nelson; Lamb, selections from the Essays of Elia (about 100 pages); Lockhart, selections from the Life of Scott (about 200 pages); Thackeray, lectures on Swift, Addison, and Steele in the English Humorists; Macaulay, any one of the following essays; Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d’Arblay; Trevelyan, selections from the Life of Macaulay (about 200 pages); Ruskin, Sesame and Lilies or Selections (about 150 pages); Dana, Two Years before the Mast; Lincoln, Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, The Oregon Trail; Thoreau, Walden; Lowell, Selected Essays (about 150 pages); Holmes, The Autocrat of the Breakfast Table; Stevenson An Inland Voyage and Travels with a Donkey; Huxley, Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

Group V. Poetry.—Palgrave’s Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave’s Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under 2); Goldsmith, The Traveler and The Deserted Village; Pope, The Rape of the Lock; a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads; Coleridge, The Ancient Mariner, Christabel, and Kubla Khan; Byron, Childe Harold, Canto III or IV, and The Prisoner of Chillon; Scott, The Lady of the Lake or Marmion; Macaulay, The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry; Tennyson, The Princess, or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning, Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Reil, Pheidippides, My Last Duchess, Up at a Villa—Dozen in the City, The Italian in England, The Patriot, The Pied Piper, “De Gustibus—”, Instans Tyrannus; Arnold, Sohrab and Rustum and The Forsaken Merman; selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.
2. Study.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group I. Drama.—Shakespeare, Julius Caesar, Macbeth, Hamlet.


Group III. Oratory.—Burke, Speech on Conciliation with America; Macaulay's two Speeches on Copyright and Lincoln's Speech at Cooper Union; Washington's Farewell Address and Webster's First Bunker Hill Oration.

Group IV. Essays.—Carlyle, Essay on Burns, with a selection from Burns' Poems; Macaulay, Life of Johnson, Emerson, Essay on Manners.

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

The examination in literature will include:
(a) General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under I. Reading, above. The candidate will be required to submit a list of the books read in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

(b) A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities.

**MATHEMATICS**

Algebra through Quadratic Equations, one unit (required of all applicants).

Plane Geometry, one unit (required of all applicants).

Solid Geometry, including Spherical Geometry, will constitute a half unit.

Plane Trigonometry, covering the scope of Wentworth's Plane Trigonometry, will constitute a half unit.

Advanced Algebra pursued in secondary schools will not ordinarily be accepted.

**GREEK**

(a) Greek Lessons and Grammar (one unit).

(b) Four books of Xenophon's *Anabasis*, with Prose Composition, and three books of Homer's *Iliad* (one unit).

**LATIN**

Two units of Latin include:

(a) Latin Lessons and Grammar.

(b) Four books of Caesar, or equivalent, with Prose Composition, based on text.

Four units include, in addition to (a) and (b):

(c) Six orations of Cicero, including the *Manilian Law*, with Prose Composition continued (one unit), and

(d) Six books of Vergil's *Aeneid*, or equivalent (one unit).
GERMAN

One unit of German requires a full year's work, and should include, besides the mastery of some such grammar as Bierwirth's, the reading of about 200 pages of simple narrative prose. Two units include, in addition, a thorough study of German Syntax and the reading of about 400 pages of literature in the form of essays, stories, plays and poems.

FRENCH

One unit of French includes the methodical study of French Grammar and about 200 pages of reading, as found in the ordinary textbook. Two units include, in addition, 400 pages of reading matter, usually found in second-year texts.

HISTORY

General History, the equivalent of Myer's or Sheldon's (one unit); Grecian and Roman History, the equivalent of Myer's History of Greece and Leighton's History of Rome (one unit); English History the equivalent of Gardiner's Student's History of England (one unit); United States History, the equivalent of Channing's Student's History of the United States (one unit); Civics, the equivalent of Fisk's Civil Government, or of Andrew's Manual of the Constitution or Macy's Our Government (one-half unit).

ELEMENTARY PHYSICS

A unit of Physics includes the amount of work indicated by such texts as Avery's, Gage's, or Carhart and Chute's, with laboratory note book.

ELEMENTARY CHEMISTRY

A unit of Chemistry includes General Inorganic Chemistry, as outlined in such texts as Remsen's, Williams' or Shepard's, with laboratory note book.

BIOLOGY

A unit of Biology includes the study of either Botany or Zoology for at least one year, the equivalent of Bergen's Foundations of Botany or Linville and Kelly's Zoology.

A satisfactory laboratory note book must be presented. Half units in each subject will be accepted.

PHYSICAL GEOGRAPHY OR COMMERCIAL GEOGRAPHY

Credit is allowed to the extent of one-half unit or of one unit, according to the amount of work done.
COLLEGE OF ARTS AND SCIENCES

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
    President.

KELLY MILLER, A. M., LL. D.,
    Dean, Professor of Mathematics.

LEWIS BAXTER MOORE, A. M., Ph. D.,
    Professor of Philosophy.

GEORGE OBADIAH LITTLE, A. M., D. D.,
    Professor of Greek.

GEORGE MORTON LIGHTFOOT, A. B.,
    Professor of Latin.

WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
    Professor of History.

GEORGE WILLIAM COOK, A. M., LL. M.,
    Professor of Commercial Law and International Law.

EDWARD LAMAY PARKS, A. M., D. D.,
    Professor of Economics and Political Science.

RICHARD EDWIN SCHUH, A. M., Ph. D.,
    Professor of Biology and Geology.

HERBERT CLAY SCURLOCK, A. M., M. D.,
    Professor of Chemistry.

*GORDON DAVID HOUSTON, A. B.
    Professor of English.

*ERNEST EVERETT JUST, A. B.
    Professor of Zoology.

WILLIAM COLEMAN, A. M.,
    Professor of Physics.

*On leave of absence for the year 1915-'16.
WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.

EDWARD PORTER DAVIS, A. M.,
Associate Professor of Greek.

ALAIN LEROY LOCKE, A. B., Litt. B.,
Assistant Professor in Logic and Ethics.

MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.

NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor of Chemistry.

ELIZABETH APPO COOK,
Instructor in French and Spanish.

ERNEST JONES MARSHALL, A. B.,
Instructor in Chemistry.

ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.

CARL JAMES MURPHY, A. M.,
Instructor in German.

CHRISTOPHER COLUMBUS COOKE, A. B.,
Instructor in Botany.

CLARENCE ALBERT HAYS, A. B.,
Instructor in Physics.

CHARLES HARRIS WESLEY, A. M.,
Instructor in French.

JAMES HENRY NELSON WARING, JR., A. B.,
Instructor in German.

CHARLES HAMILTON HOUSTON, A. B.,
Instructor in English.

CLARENCE OSCEOLA LEWIS, A. B.,
Assistant in Mathematics.
COLLEGE OF ARTS AND SCIENCES

GENERAL STATEMENT.

The College of Arts and Sciences is the department of the University devoted to the pursuit of liberal studies. Its aim is to inculcate sound principles of knowledge, to awaken enthusiasm for truth and duty and to emphasize the importance of systematic, exact, long-continued and thorough preparation on the part of those who would assume the larger duties and responsibilities of life. There is an un-supplied demand for men of sound and thorough college training in the ministry, in medicine, in law, in teaching, and in the varied pursuits and callings.

The teachers listed in the Faculty of the College of Arts and Sciences devote their time wholly or in part to work under its control. These furnish instruction not merely for the students registered in the College of Arts and Sciences but also for the students of the Teachers College, the engineering students of the School of Manual Arts and Applied Sciences, for students of the School of Music and for students of the professional schools in so far as their work is of academic character.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ARTS AND SCIENCES

See "Requirements for Admission," page 35.

By a unit of College Work, or hour-unit, is meant one hour a week for one semester. Two laboratory units count as one unit of recitation. Recitations in all subjects, except "A" courses, occur three times a week.

THE GROUP SYSTEM

The curriculum is divided into three groups.

1. The Language Group, leading to the Degree of Bachelor of Arts.

2. The Science Group, leading to the Degree of Bachelor of Science.

3. The Social Science Group, leading to the degree of Bachelor of Arts.

The three groups contemplate the same number of units and involve work of the same order of difficulty, thoroughness and range. The Science Group is especially adapted to meet the requirements of those looking forward to the study of Medicine, Engineering, Agriculture, Science Teaching or special scientific pursuits.
Freshmen and Sophomores, desiring to do so, may take the double courses in mathematics (six times a week), so as to work off their preliminary mathematics for use in Physics, Chemistry, Engineering and Astronomy.

COMBINATION COURSES.

Students of the College of Arts and Sciences, desiring to enter upon professional studies before graduation, who have completed not less than 90 units, may take the studies of the first year in the School of Medicine, Law or Theology of Howard University, provided they can satisfy the stated requirements for admission thereto, and may receive the degree of A. B., or S. B., upon the satisfactory completion of one year's work in such professional school. The student will thus be enabled to shorten the time required to obtain the two degrees by one year.

PRE-MEDICAL COURSE

Beginning with 1914 the Medical College of Howard University will require of all matriculants two years of College work in Physics, Chemistry, Biology, English and modern language, besides French or German. The Science group of the Freshman and Sophomore years is adapted to meet the requirements of students looking forward to the study of Medicine, either in Howard University or in any Medical School approved by the American Medical Association.

All such students will be listed in the College of Arts and Sciences and subject to its regulations and discipline. Students enrolled in the School of Medicine, but conditioned in any of the preliminary subjects, may remove such conditions by attendance and work in regular courses of instruction in the College of Arts and Sciences.

COURSES PRELIMINARY TO THE STUDY OF LAW AND THEOLOGY

The requirements for admission to the School of Law contemplate the completion of a four years' high school course. Students anticipating the study of law, or theology as well as those already registered in these schools, who may feel the need of still further strengthening their preliminary foundation may pursue courses in English History, American History, Latin, Greek, French, Argumentation, Political Science, Economics, Psychology, International Law,
Commercial Law, Logic, Ethics, Sociology and Philosophy, in the regularly organized classes of the College of Arts and Sciences, and will be listed as special students.

ELECTIVES FROM OTHER DEPARTMENTS OF THE UNIVERSITY

Students of the College of Arts and Sciences may elect as part of their regular work, subjects from the Teachers' College, the Engineering Courses of the School of Manual Arts and Applied Sciences and from the School of Theology. Such subjects must be chosen under the supervision of the Committee on Electives, and must not exceed thirty (30) units or one-fourth of the student's entire college course.

GRADUATION AND DEGREES

Requirements for graduation shall consist of the satisfactory completion of one hundred and twenty (120) hours of class room work.

Students who exceed the allowed number of absences from Chapel will be required to complete additional hours of class room work for graduation, at the rate of three hours for each semester's failure of satisfactory Chapel attendance.

Each candidate for graduation must present a certificate from the Physical Director, stating that he has satisfactorily completed the work in the Department of Physical Training.

Students completing the language group or the social science group will receive the degree of Bachelor of Arts. Those completing the Science group will receive the degree of Bachelor of Science.

Students who maintain throughout the four years' course an average standing of 95, are graduated "Summa Cum Laude"; those who maintain a standing of 90 are graduated "Magna Cum Laude"; those who maintain a standing of 80 are graduated "Cum Laude."

GRADUATE WORK

Graduates of this or other colleges who may desire to pursue any of the courses in the curriculum of the College of Arts and Sciences will be welcome to do so without expectation of a second degree.
### Outline of Courses of Study

#### Freshman Year

##### Language Group

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>Required</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>Required</td>
</tr>
<tr>
<td>Latin or Greek</td>
<td>3</td>
<td>Required</td>
</tr>
<tr>
<td>French</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>German</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Spanish</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Botany</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Physics</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>15 hours</td>
</tr>
<tr>
<td>Latin or Greek</td>
<td>3</td>
<td>15 hours</td>
</tr>
</tbody>
</table>

Note—Students taking A Courses (See “A” Courses, page —) in Language as well as those taking Greek I, German I, Spanish I and French I must continue such language in the Sophomore year.

##### Science Group

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English I</td>
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</tr>
<tr>
<td>Mathematics</td>
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<td>Required</td>
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<tr>
<td>French, German or Latin</td>
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</tr>
<tr>
<td>Botany</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Physics</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>Optional</td>
</tr>
<tr>
<td>Mathematics</td>
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15 hours

##### Social Science Group

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<th>Course</th>
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<tbody>
<tr>
<td>English</td>
<td>3</td>
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</tr>
<tr>
<td>History I</td>
<td>3</td>
<td>Required</td>
</tr>
<tr>
<td>Mathematics</td>
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<tr>
<td>One Language and a Science</td>
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<tr>
<td>Or two Languages (one Ancient and one Modern)</td>
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15 hours
### Sophomore Year

#### Language Group

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<th>Subject</th>
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<tbody>
<tr>
<td>Latin</td>
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<tr>
<td>Greek</td>
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<table>
<thead>
<tr>
<th>Subject</th>
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<tr>
<td>English Composition</td>
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<tr>
<td>French</td>
<td>3</td>
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<td>German</td>
<td>3</td>
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<tr>
<td>Spanish</td>
<td>3</td>
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<tr>
<td>Latin or Greek</td>
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<td>English Literature</td>
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<table>
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<th>Subject</th>
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</thead>
<tbody>
<tr>
<td>Zoology</td>
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<td>Botany</td>
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<td>Physics</td>
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<td>Chemistry</td>
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<td>Mathematics</td>
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<tr>
<td>History</td>
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<td>Public Speaking</td>
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Optional for 6 hours

15 hours

#### Science Group

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<td>Zoology</td>
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<td>Physics</td>
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<td>Chemistry</td>
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<table>
<thead>
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<th>Subject</th>
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<tbody>
<tr>
<td>Mathematics</td>
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<td>French</td>
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<tr>
<td>German</td>
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</table>

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
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<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>English II</td>
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<tr>
<td>English Literature</td>
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Optional for 3 hours

15 hours
SOCIAL SCIENCE GROUP

Literature I ......................................................3
History .............................................................3
English Composition ..............................................3
Public Speaking ..............................................3
Argumentation ..............................................3
Economics ......................................................3
Logic-Ethics ..................................................3
History .............................................................3
Biblical Literature .........................................3

Optional ........................................6 hours

Optional ........................................3 hours

Optional ........................................6 hours

JUNIOR YEAR

LANGUAGE GROUP

Psychology .....................................................3
Economics .....................................................3
Astronomy .....................................................3
Geology .........................................................3

French .........................................................3
German ........................................................3
Latin ...........................................................3
Greek ............................................................3

English Literature .............................................3
Economics .....................................................3
History .............................................................3

Optional ........................................3 hours

Optional ........................................3 hours

Optional ........................................3 hours
Astronomy ................................................... 3
Argumentation ........................................... 3
English Literature ..................................... 3
Economics ................................................. 3
History ..................................................... 3
History of Education ................................. 3
Commercial Law*—International Law*. 3
Logic*—Ethics* ........................................... 3
Psychology .................................................. 3
Geology ....................................................... 3
Physics ........................................................ 3
Chemistry .................................................... 3
Biology ....................................................... 3
Latin ........................................................... 3
Greek ........................................................... 3
French .......................................................... 3
German ......................................................... 3
Spanish ........................................................ 3
Public Speaking ............................................ 3
History of Art* ............................................. 3
Greek Life* ................................................... 3

SCIENCE GROUP

Psychology .................................................. 3
Economics .................................................... 3
Astronomy .................................................... 3
Geology ....................................................... 3

Chemistry .................................................... 3
Botany .......................................................... 3
Zoology ........................................................ 3
Physics ........................................................ 3

Elective ..................................................... 6 hours

Optional .................................................... 3 hours

Optional .................................................... 6 hours

* Half year courses.
<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Astronomy</td>
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<td>Argumentation</td>
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<td>English Literature</td>
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<td>French</td>
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<td>Com. Law*—Inter. Law*</td>
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<tr>
<td>Logic*-Ethics*</td>
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<td>Psychology, Geology, Physics</td>
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<tr>
<td>Chemistry, Botany, Zoology</td>
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<tr>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td><strong>6 hours</strong></td>
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**SOCIAL SCIENCE GROUP**

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Literature</td>
<td>3</td>
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<tr>
<td>History</td>
<td>3</td>
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<tr>
<td>Psychology</td>
<td>3</td>
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<td><strong>Optional</strong></td>
<td><strong>6 hours</strong></td>
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**ELECTIVES**

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<th>Subject</th>
<th>Credits</th>
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<tr>
<td>Sociology</td>
<td>3</td>
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<tr>
<td>International and Commercial Law</td>
<td>3</td>
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<tr>
<td>English Composition</td>
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<td>Type Forms of Literature</td>
<td>3</td>
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<td>English Literature</td>
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<td>Biblical Literature</td>
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<td>Argumentation</td>
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<td>Public Speaking</td>
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<td>History of Philosophy</td>
<td>3</td>
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<td>Educational Psychology</td>
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<td>Economics</td>
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<tr>
<td>Logic-Ethics</td>
<td>3</td>
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<tr>
<td>*Greek Life</td>
<td>3 ½</td>
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<tr>
<td>*Art</td>
<td>3 ½</td>
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<tr>
<td>A Science—A Language, each</td>
<td>3</td>
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<tr>
<td><strong>Optional</strong></td>
<td><strong>9 hours</strong></td>
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*Half year course.
Senior Year

Language Group

Philosophy ............................................ 3
Political Science .................................... 3
Sociology ............................................. 3

Electives same as Junior Electives ..................... 12 hours

Science Group

Botany ....................................................... 3
Zoology ...................................................... 3
Physics ....................................................... 3
Chemistry ..................................................... 3

Psychology ....................................................
Philosophy ....................................................
Political Science .........................................
Sociology .....................................................
Junior Electives .......................................... 3 or 6 hours

Electives .................................................. 12 or 9 hours

Social Science Group

Philosophy .................................................... 3
Literature ...................................................... 3
Political Science ........................................... 3

Electives same as Junior Electives ....................... 9 hours

Courses of Study

A course in any subject ordinarily contemplates the pursuit of that subject for one year, recitations occurring three times a week, except in "A" Courses. The year course is understood unless otherwise designated. Where courses extend throughout the four years, the numbers (I, II, III, IV), are understood to correspond to the Freshman, Sophomore, Junior, and Senior years, respectively.
An "A" course in Greek, French or German is intended for students who do not offer that language for admission; recitation occur four (4) times a week. (See "A" Courses.)

The "A" course in Latin is intended for students who offer two or three units of Latin for admission; recitations occur four times a week.

All Freshman courses are designated (I) and all Sophomore courses (II). Where there are more than four courses in any one subject, they are not necessarily consecutive or dependent. Two half-year courses are usually so adjusted that the student need not change his schedule during the year. The student may, with approval of the Committee on Electives, choose preceding courses, but will not ordinarily be allowed to anticipate courses.

DEPARTMENTS OF STUDY

The work of the College of Arts and Sciences is divided into several departments or branches of study.

I. Department of English.

II. Department of Mathematics.

III. Department of Greek.

IV. Department of Latin.

V. Department of History.

VI. Department of French.

VII. Department of Spanish.

VIII. Department of German.

IX. Department of Physics.

X. Department of Chemistry.

XI. Department of Biology and Geology.

XII. Department of Economics and Political Science.

XIII. Department of Sociology.

XIV. Department of International Law.

XV. Department of Philosophy and Psychology.

XVI. Department of Art.
DESCRIPTION OF COURSES

DEPARTMENT OF ENGLISH

Instructors

Professor Houston, Assistant Professor Gregory,
Mr. Pollard and Mr. Houston

The aim of the Department of English is three-fold: First, to teach the student to give adequate written and oral expression to his thoughts; second, to develop the student's culture and broaden his outlook; third, to train the student to stand before an audience and give utterance to his thoughts. A study of literature, therefore, forms an essential part of all the courses in Composition and Public Speaking, and practice in composition forms an essential part of all the courses in Literature and Public Speaking.

English I.—Composition.—This course is prescribed for all Freshmen. It is designed to give a drill in correct and intelligible English and practice in the different forms of discourse. One-page themes, first on a limited range of subjects and later on a much wider range, are brought in on every day the class meets. In addition to such written work, longer themes of at least three pages, affording practice in the different forms of discourse, are required fortnightly. These longer themes are returned in conference, at which time individual instruction is given. Prescribed books of widely different range are read outside the class. Texts: Young's Freshman English, Pearson's Principles of Composition, and Webster's Secondary School Dictionary. Professor Houston, Assistant Professor Gregory and Mr. Pollard.

English II.—Advanced Composition.—This course is open to all students who have passed in English I. It includes the theory of Composition, examination of representative styles, and practice in writing English. One long theme of at least five pages is required monthly. Shorter themes and reports are required at the pleasure of the instructor. Conferences are held monthly. Texts: Canby's English Composition in Theory and Practice, Nutter, Hersey, and Greenough's Specimens of Prose Composition, Grabo's The Art of the Short Story, and Webster's Secondary School Dictionary. Professor Houston, Assistant Professor Gregory.
ENGLISH III.—Argumentation and Debating.—This course is open to all students who have passed in any two courses in English. It is designed to train the student in logical and systematic methods of thought. It emphasizes the framing of propositions, study of evidence, generalization and analysis, methods of refutation, and construction of briefs. Practice is given also in debating. At least one written exercise is required monthly. Conferences are held at the pleasure of the instructor. This course is recommended especially to students planning to enter the Law School. Text: Baker and Huntington's Principles of Argumentation.

Assistant Professor Gregory.

ENGLISH IV.—Critical Essay-Writing.—This course is intended for Juniors and Seniors who already write well but who desire further training in critical essay-writing. An intense study is made of the structure and style of the critical essay, and practice is given in writing essays on subjects in which the student is interested. A part of the time is spent in an analytic study of the English critical essay from the eighteenth century to the present day. Texts: Bradley's The English Essay, Its Development and Some of Its Perfected Types, Spencer's Philosophy of Style, and various Essays prescribed during the year.

Professor Houston.

LITERATURE I.—English Literature.—This course is open to all students who have passed in English I. It covers the history and development of English Literature in outline from earliest times to the present day. Stress is laid on masterpieces of prose and poetry; and outside readings are so arranged as to accompany the class room work. Written reports are required at the pleasure of the instructor. This course and English II may be taken with much profit the same year. Texts: Moody and Lovett's History of English Literature and Cunliffe, Pyre, and Young's Century Readings in English Literature.

Professor Houston and Mr. Pollard.

LITERATURE II.—American Literature.—This course is open to all students who have passed in English I. It covers the history and development of American Literature in outline from earliest times to the present day. An intensive study is made of masterpieces of prose and poetry. Texts: Wendell and Greenough's American Literature and Page's The Chief American Poets.

Assistant Professor Gregory.
DESCRIPTION OF COURSES

LITERATURE III.—The Elizabethan Drama.—This course is open to Juniors and Seniors who have passed in Literature I or Literature II. It traces the history of the English drama from its origin to 1642, stressing the period from 1590 to 1642. A large number of plays, including most of Shakespeare's, are read. Reports are required at the pleasure of the instructor. Texts: Boas's Shakespeare and His Predecessors, Neilson's The Chief Elizabethan Dramatists, Brooke, Cunliffe, and MacCracken's Shakespeare's Principal Plays.

Professor Houston.

LITERATURE IV.—The English Novel.—This course is open to Juniors and Seniors who have passed in Literature I or Literature II. The history of the English Novel is traced from the Arthurian romance to the present day. Attention is given to the chief international influences during this period. The analytic study of the short story forms a part of this course. Texts: Cross's Development of the English Novel, and Perry's A Study of Prose Fiction.

Assistant Professor Gregory.

LITERATURE V.—Shakespeare.—This course is open to Juniors and Seniors who wish to make an intensive study of such plays as are usually taught in secondary schools. The following six plays are critically studied: Macbeth, The Merchant of Venice, Hamlet, Romeo and Juliet, Julius Caesar, and Othello. It is desirable that the student in Literature V should take or have taken Literature III. (This course alternates with Literature VI; it will be omitted in 1916-17 but given in 1917-18.) Texts: The Rolfe Edition of the six plays, Neilson and Thorndike's Facts about Shakespeare, and Woodbridge's The Drama, Its Law and Technique.

LITERATURE VI—Chaucer.—This course is open to Juniors and Seniors who wish to make an intensive study of Chaucer. A critical study is made of the greater part of the Canterbury Tales and of as many of the other works as time permits. Attention is given to pronunciation and metre. (This course alternates with Literature V; it will be given in 1916-17, but omitted in 1917-18.) Text: Skeat's The Complete Works of Chaucer, Student's Edition.

Professor Houston.
Public Speaking.—This course is open to Juniors and Seniors, and by special permission to Sophomores. It is designed to give the student both theoretical and practical training in using his voice. Some practice is given in public reading, but the course deals chiefly with the delivery of original speeches, both prepared and extemporaneous. Texts: Baker's *The Forms of Public Address* and Winter's *Public Speaking, Principles and Practice*.

Assistant Professor Gregory.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

*Instructors*

Professor Miller, Associate Professor Bauduit, and Mr. Lewis.

The Department of Mathematics aims to provide a thorough training in the fundamental principles of the courses usually comprised in undergraduate mathematics. Its primary purpose is to develop in the student the ability to think mathematically and thus to appreciate the spirit, power, and beauty of mathematical processes.

The work in the Department is arranged to meet the needs of two classes of students, those who intend to do their major work in the applied sciences, and those who do not. The difference in the respective courses offered, however, is one of intensiveness rather than of content or method of presentation, the chief object in view being to equip the science student as early as possible with the mathematical knowledge necessary to his work. To this end six hours a week are required during the first two years. Engineering students must take this work, but it is open also to all students. The requirements as to rigor of treatment, facility in application, and general mathematical discipline are the same in all courses offered by the Department.

Because of its recognized disciplinary and utilitarian value, mathematics is required of all regular students of the University during the Freshman year. The first semester of this year is devoted to plane trigonometry; the second, to solid geometry and spherical trigonometry. All other courses in mathematics are elective. Great importance attaches to this elective work as a means either of liberal culture or specific training. Especially should students who desire to acquire more than the mere elements of engineering, astronomy, or any of the other applied sciences, make it a point to take the courses
in the calculus, including differential equations, for such knowledge is fundamental in the modern treatment of the quantitative sciences.

I. (a) Solid Geometry, Books VI, VII, and VIII, of Wentworth's *New Plane and Solid Geometry*. Special emphasis is laid upon original propositions and practical numerical problems.

**ASSOCIATE PROFESSOR BAUDUIT AND MR. LEWIS.**

(b) Plane Trigonometry. The trigonometric functions, trigonometrical analysis, solution of the right and oblique triangle, etc., with numerous problems.

**ASSOCIATE PROFESSOR BAUDUIT AND MR. LEWIS.**

(c) Spherical Trigonometry. Solution of the right and oblique spherical triangle, with applications to geography and astronomy.

**ASSOCIATE PROFESSOR BAUDUIT AND MR. LEWIS.**

II. (a) Advanced Algebra. Arithmetical progression, geometrical progression, binomial theorem, choice, chance, logarithmic series, theory of equations, etc.

**ASSOCIATE PROFESSOR BAUDUIT.**

(b) Analytical Geometry. The straight line, circle, parabola, ellipse, hyperbola, higher plane curves, and geometry of three dimensions.

**ASSOCIATE PROFESSOR BAUDUIT.**

III. (a) Differential Calculus. Methods of differentiation, expansion of functions into series, indeterminate forms, application to mechanics.

**PROFESSOR MILLER.**

(b) Integral Calculus. Fundamental formulas of integration, lengths of curves, areas, volumes, moments of inertia, etc.

**PROFESSOR MILLER.**

Note.—(a) and (b) are double courses, meeting six times a week.
IV. (a) Differential Equations. An introductory study of ordinary differential equations, emphasizing geometrical interpretations and applications to geometry, physics, and mechanics. This course will include lectures on complex numbers and hyperbolic functions.

**Associate Professor Bauduit.**

(b) Synoptic Course. A brief survey of the subject-matter of the preceding courses, emphasizing the interdependence of the various parts and elaborating the work in solid analytics, determinants, limits, and infinite series.

**Associate Professor Bauduit.**

*Note.*—(a) and (b) will be given in alternate years.

V. Astronomy—Descriptive and Mathematical—Based on Newcomb's *Astronomy* and Young's *General Astronomy*. Not offered in 1916-'17.

**Professor Miller.**

**DEPARTMENT OF GREEK.**

**Instructors**

**Professor Little and Associate Professor Davis**

A. Elementary Greek, and Books I and II of Xenophon's *Anabasis*. The course includes much written work, and some translation at sight and at hearing.

**Associate Professor Davis.**

I. Xenophon and Homer: *Anabasis III and IV*, and six books of Homer's *Iliad* are read. The course includes sight reading and prose composition. A study is made of the Homeric Question, of the Civilization of the Heroic Age, and of the Influence of the Homeric Poems. Attention is given to prosody.

**Associate Professor Davis.**

II. Boise and Freeman's *Selections from Greek Authors*. It is customary to begin with Xenophon's *Memorabilia*, and to read Herodotus' account of the Battle of Salamis, Plato's *Phaedo*, in description of the last day in the life of Socrates; and Demosthenes' *Third Olynthiac Oration*. This is the regular course for Freshmen who enter with three units in Greek.

**Professor Little.**
III. The work during the first semester is based upon Plato's *Apology* and *Crito*, and includes the study of the leading principles of Plato's doctrine set in close connection with Plato himself as he is presented in his writings. In the second semester Demosthenes' *De Corona* is read, with a comparative study of his other orations. Readings from the New Testament.

PROFESSOR LITTLE.

IV. Sophocles' *Antigone* is read with a careful study of the logaoedic rhythm employed in the lyric parts, and the anaplectic systems interposed between the strophes and antistrophes; also, familiarity is gained with the peculiarities of the Attic Classical Drama. Readings from the New Testament.

PROFESSOR LITTLE.

V. Greek Life: A study of the literature, political constitutions, religion, education and private life of the Ancient Greeks. The course will be conducted by lectures and reports on assigned reading. It counts as a general elective and may not be used as one of the courses in classics required for the A.B. degree. It covers one semester. No knowledge of the Greek language is required. Open only to Seniors and Juniors.

ASSOCIATE PROFESSOR DAVIS.

DEPARTMENT OF LATIN

Instructor

PROFESSOR LIGHTFOOT

A. Cicero. Vergil: First Semester: Four to six orations of Cicero. Second Semester: Four to six books of Vergil. Course A is preliminary and is open to students who have entered college with only two years of preparation in Latin. It counts as three college units except in the case of those who are conditioned in entrance Latin. Four times a week.

I. Cicero and Livy: The aim of this course is two-fold: (1) To develop in the student the power to read Latin, and (2) to promote his appreciation of Latin Literature. To this end three hours a week during the first semester will be devoted to the rapid reading of Cicero's *De Senectute* and *De Amicitia*. During the second semester the study of Roman prose style will be continued by reading Burton's *Selections from Livy*. Members of the class will be re-
quired to prepare papers on some topic in Roman history suggested by the selections from Livy. (Freshman Course.)

II. Horace and Tacitus: The work during the first semester will be based upon selections from Horace's *Odes, Epodes, Satires* and *Epistles*, and will include in connection with the Odes a careful study of the principal meters as well as frequent references to the influence of Horace upon English Literature. In connection with the Satires, the students will be required to present papers on the origin and development of Roman Satire. The work in Tacitus during the second semester will consist in reading the *Germania* and *Agricola* and the study of the Imperial period of Roman history.

(Sophomore elective course open only to those who have taken Latin I.)

III. Plautus, Terence, Pliny, Tacitus: Roman Comedy will be studied during the first semester. The class will read the *Captivi* and *Trinummus* of Plautus and the *Adelphoe or Phormio* of Terence. Papers will be required on the origin and development of Roman Comedy and the influence of Plautus and Terence upon the modern drama. Several lectures will be given in connection with this course. In the second semester selections will be read from the more important *Letters of Pliny*. There will also be sight reading from the *Annals* of Tacitus, books XI-XVI, as well as a brief study of Latin Inscriptions based upon Egberts' "Inscriptions" and Cullen's "Remnants of Early Latin."

(Open to Juniors and Sophomores who have taken Latin I.)

IV. Juvenal and Cicero: Selections from Juvenal's *Satires* will be read during the first semester together with a study of Roman customs.

The work of the Second Semester will be devoted to the study of Cicero in his private life and to the political issues of his time, based upon the Letters of Cicero found in *Abbott's Selections*. (Open only to those who have taken Latin I and II.)

V. Quintilian and Vergil: Roman oratory will be studied during the first semester through the careful reading and interpretation of books X and XII of the Institutes of Quintilian.

During the second semester the time will be devoted to the reading and studying of those portions of Vergil not ordinarily read in
DESCRIPTION OF COURSES

secondary schools. *Aeneid*, Books VII-XII, the *Eclogues* and the *Georgics*: A somewhat detailed study will be made of the manuscripts of Vergil, the "Aeneas Legend," the influences of Vergil in the Middle Ages and upon modern literature. Intended as a culture course and for those who expect to become teachers of Latin in secondary schools. (Open only to those who have taken Latin I and II.)

**Note.**—Courses IV and V are given in alternate years.

**DEPARTMENT OF HISTORY**

**Instructor**

**Professor Tunnell**

I. History of Western Europe: This course traces the history of Europe from the downfall of the Roman Empire to our own day. Starting with the discussion of the heritage of the ancient world and the migration of the races, the epochs of medieval and modern Europe are passed in review and the salient facts and features emphasized. Selection is made of the eminent political, social, juristic, ecclesiastic, humanistic and other germinal forces and movements which explain modern Europe and give the key to the comprehension of present European states and politics.

II. English History: The aim of this course is to concentrate attention upon the growth of Anglo-Saxon institutions and to trace the varied phases and influence of English civilization. The various invasions are shown in their effects upon the fusion of the races, the blending of the tongues and in the modifications of the life, customs, laws and characteristics of the people. Emphasis is placed on the rise of parliamentary government, the struggles against despotism, the winning of the great charters, the growing power of the people, the extension of the Empire and the development and diffusion of the principles of constitutional government, social growth, industrial progress, the advancement of science, education, art, religion and the whole cycle of influences of which English civilization is the symbol.

III. American History: A comprehensive survey of the great germinal facts and forces of American institutions and the principles and motives that underlie and interpret the crises of our national life. Special emphasis is placed upon documents with other authoritative sources and materials.
In all these courses each student is required to make special study of some assigned epoch or movement and present a thesis to be read in class. (Open to Seniors and those who have completed courses I or II.)

IV. History of the Reconstruction Period: An intensive study of the critical period immediately preceding and subsequent to the Civil War. The political, social, economic and sectional issues and influences are briefly reviewed. Amendments XIII, XIV and XV to the Constitution, together with the various Reconstruction Acts of Congress are critically studied, also the incidents in the several States. The aim is to give a clear conception of the new birth of the Nation and to ascertain the readjusted rights, liberties, immunities, obligations and duties of the emancipated and enfranchised race. Being essentially a course of patient, critical investigation of documents and monographs the seminar method will be followed. (Open to students who have taken two courses in History, of which Course III must be one.)

DEPARTMENT OF FRENCH

Instructors

MISS COOK AND MR. WESLEY

I. The work of the first year consists in laying a broad foundation, intended as a preparation for advanced classes, but is sufficiently broad and comprehensive to enable the student to perfect himself in conversation, composition, literary and scientific reading, without further class-room assistance. Texts: Colin and Serafon’s Practical Lessons in French Grammar and Josselyn’s Elementary Reader of French History.

Mr. Wesley.


Miss Cook.

III. Texts: (1) Xavier de Maistre’s Voyage autour de ma Chambre. (2) Souvestre’s Un Philosophe sous les toits. (3) Lamartine’s Meditations. A diary in French forms a part of this course, besides other works in composition, also conversation.

Miss Cook.
DESCRIPTION OF COURSES

IV. A course in French Drama. Texts: Illustrating (1) the Classic French Drama, Molière’s Tartuffe and Corneille’s Le Cid, (2) The Transition, Dumas’ Henri III et sa Cour, and (3) the Romantic French Drama, Victor Hugo’s Hermani, Coppe’s Lutier de Cremona. The composition of this course will be the formal French adapted to polite letter writing, business communication or diplomatic correspondence. (All courses in French are elective, open to all who are prepared for them.)

Miss Cook.

DEPARTMENT OF SPANISH

Instructor
Miss Cook

Spanish has now been made co-ordinate with the other modern languages. The technical and natural methods are combined; ample drill is given in pronunciation, grammar and composition, with reading, dictation and conversation.

I. Texts: Marion y Des Garennes’s Introducción a la Lengua Castellana; Carter and Bloom’s Cuentos Castellanos, and Waxman’s Composition, A Trip to South America.

II. Texts: Hill’s Spanish Grammar; Hill’s and Reinhardt’s Seven Spanish Stories; Caballero’s: Un-Servilon y un Liberalito and Umphrey’s Composition.

III. Harrowed’s Spanish Commercial Reader; Crawford’s Spanish Composition Choice among short novels and dramas: Among others Calderón’s La Vida es Sueño; Lope de Vega’s La Estrella de Sevilla; Moratin’s El Si de las Niñas; Breton’s j Quién es Ella?, etc.

DEPARTMENT OF GERMAN

Mr. Murphy and Mr. Waring

German A. Elements of German Grammar; Practice in reading and writing German. Four times per week. Required of those who do not offer German for admission. Four times per week.

Mr. Murphy and Mr. Waring.
German I. Brief review of Grammar. Practice in reading and writing German. Open to those who offer one year of High School German for admission. Three times per week.

Mr. Murphy and Mr. Waring.

German IIa and IIb. Prose and Poetry—Practice in reading and writing German. First semester, works of modern authors; second semester, one or more dramas from Goethe, Schiller or Lessing.

Mr. Waring.

German IIc. Scientific readings, social and natural sciences. This course is designed to enable scientific students to consult German authorities on their subjects.

(Courses IIa, IIb and IIc are open to those who have completed German I or German A. Three times per week.) Mr. Murphy.

German III. Advanced composition and conversation. Practice in writing and speaking German. Three times per week.

Mr. Murphy.

German IVa. Life and Works of Goethe. Dichtung und Wahrheit Werther and selections from Goethe's Gedichte with a report on Götz von Berlichingen for the first semester; Goethe's later dramas, Egmont, Tasso, Faust (first part) with reports on Iphigenie and one other work to be selected, in the second semester.

(Not given in 1916-'17.)

German IVb. Life and Works of Schiller. Der dreissig jährige Krieg, Wallenstein with a report on Die Räuber for the first semester. Schiller's later dramas. Die Jungfrau von Orleans, Die Braut von Messina and Gedichte with reports on Maria Stuart and one other work to be selected, for the second semester. Three times per week.

Mr. Murphy.

German V. Goethe's Faust, Parts I and II with lectures and Reports on the works of Spanish, English and German dramatists who have developed the Faust theme before and since Goethe. Three times per week.

(Not given in 1916-'17.)
DEPARTMENT OF PHYSICS

Instructors

Professor Coleman and Mr. Hays

I. General College Physics: Two recitations of two hours each two times per week plus one two-hour laboratory period per week during the year, covering mechanics, heat, magnetism and electricity, sound and light.  Professor Coleman.

II. General Laboratory Physics: Two laboratory periods of two hours each and one hour per week lecture throughout the year. This course includes about fifty advanced yet fundamental experiments distributed over the subject matter of Physics.  Mr. Hays.

III. Electricity and Magnetism: A general advanced course three times per week during the year, consisting of lecture, recitation, measurements and problems.  Mr. Hays.

IV. Light: An advanced mathematical and experimental course three hours per week for one year, covering the general theory of light.  Professor Coleman.

V. Heat: A comprehensive course in its theoretical and experimental aspects three hours per week during the year.  Mr. Hays.

VI. Mechanics: An advanced course in theoretical mechanics three hours per week during the year, consisting of lecture, recitation and problems.  Professor Coleman.

DEPARTMENT OF CHEMISTRY

Instructors

Professor Scurlock

Assistant Professor Adams and Mr. Marshall

I. General Inorganic Chemistry. This course is divided into two sections, designated I and I-A. Students who present one year of Chemistry of secondary school grade as an entrance requirement are
assigned to Section I; those who have had no previous training in Chemistry are assigned to Section I-A.

The course consists of lectures, recitations, quizzes, and blackboard exercises in the class room and laboratory throughout the year.

**Mr. Marshall.**

Laboratory: Practical exercises in General Inorganic Chemistry during the first semester; elementary Qualitative Analysis during the second semester.

**Mr. Marshall and Assistant Professor Adams.**

There is also offered during the first semester a course in General Inorganic Chemistry similar to I-A; and in the second semester elementary Organic Chemistry. Work in these courses is given daily to the Dental and Pharmaceutical classes.

**Professor Scurlock, Asst. Prof. Adams and Mr. Marshall.**

II. This course continues the work in Qualitative Analysis during the first semester, and in the class-room deals with the subject from the standpoint of modern theories. The laboratory work consists of more difficult exercises than those given in Course I, based on the modern theories as presented in the class room instruction.

In the second semester the laboratory work deals with the preparation and purification of inorganic salts. In the class-room, lectures and recitations are given on the substances and methods of preparation under consideration.

**Professor Scurlock and Mr. Marshall.**

III. Quantitative Analysis. The class-room work deals with a discussion of the methods employed in the laboratory and the special features which arise. Calculation of analytical results forms the subject of blackboard exercises.

Laboratory: Instruction is given in gravimetric, volumetric, gasometric and electrolytic determinations. Examples in sanitary, commercial, and food analysis are given to show the application of the methods studied.

**Professor Scurlock.**
IV. Elementary Organic Chemistry. Lectures and recitations throughout the year.

Laboratory: The practical work includes the preparation of some of the typical compounds of the important classes of organic compounds and a study of their reactions and transitions.

Assistant Professor Adams.

General Statement: The four courses described above are the fundamental undergraduate courses which the student is expected to pursue during his college course. Work in Physical Chemistry, Advanced Organic Chemistry, Organic Analysis and Food Analysis may be arranged for suitably prepared students, but before admission to such work the applicant must satisfy the Department that he is able to undertake the work chosen.

DEPARTMENT OF BIOLOGY AND GEOLOGY
Professor Schuh, Professor Just and Mr. Cooke

The following courses are recommended to three classes of students: (1) to those who have an interest in the natural sciences; (2) to those who intend to teach them; (3) to all who desire to pursue the study of medicine. All are elective.

(a) BOTANY

I. Elementary Botany: A brief oversight of the vegetable kingdom. Both morphology and physiology will receive emphasis. A course intended to train the student in the use of the microscope and to prove helpful to those intending to teach, or to study Medicine or Pharmacy. (May be taken in connection with Zoology I.)

Text: Bergen and Davis's "Principles of Botany."

Professor Schuh.

II. Advanced Botany: A course on the anatomy and physiology of the higher plants, and in the classification, structure and life-history of the various types of cryptogams. Special attention is given to those of economic interest. (Open to all who have completed Botany I or its equivalent.)


Professor Schuh.
(b) ZOOLOGY

I. General Zoology: An introductory course designed to lay a broad foundation of the general principles of Zoology as a part of a liberal education or as a preparation for the study of Medicine. Structure, life-histories and physiology of typical animals are studied in the laboratory. (May be taken with Botany I.)

PROFESSOR JUST AND MR. COOKE.

II. (a) Vertebrate Zoology: A comparative study of vertebrate structure, with attention to histology and physiology.

(b) Vertebrate Embryology: A study of the embryology of vertebrates with special reference to the development of the chick.

PROFESSOR JUST.

III. (a) Mammalian Anatomy: A course in anatomy based on dissection of the cat and a detailed study of the sheep's brain.

(b) Animal Histology: A course in histology and histological methods.

IV. Cytology and Heredity: A course devoted to the study of the modern problems of Zoology.

(c) GEOLOGY

I. Elementary Geology: A synoptical course in dynamic, structural and historical Geology. Though thorough, it is popular in its methods, and aims to aid teachers in giving instruction in physiography and geography as well as in more formal Geology. It is advisable that Botany I and Zoology I precede it. (Junior elective.)

PROFESSOR SCHUH.

II. Advanced Geology: A more extended and systematic account of the earth's past history, of its physical aspects, and the forces by which its present condition has been attained. Attention is given to economic Geology, and about 3,000 specimens of fossils and minerals are available for the use of students. (Open to all who have completed Geology I or its equivalent.) (Senior Elective.) Text: Chamberlin and Salisbury's College Geology.

PROFESSOR SCHUH.
DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Instructor

Professor Parks

Economics: A general survey of the facts, history, principles, theories, and rapidly growing literature. Emphasis is placed on the facts, fundamental principles, and laws. Present conditions and problems are studied, and current economic events, movements, and tendencies are discussed. Emphasis is placed upon the study of the condition of the masses, their needs, and the relation of their economic to their educational, aesthetic, moral, and social life.

The study of the text-book is supplemented by class-room lectures with required notes, readings, theses, and discussions.

Text: Ely's "Outlines of Economics."

Political Science: A course in the general principles including the origin, history, nature, organization, and vital forces of the state and the organization, province and function of government, with a comparison of the present leading states and their governments; and a special study of the government of the United States, including the federal, state, municipal and other local governments. While due attention is given to the structure of the government of the United States, emphasis is placed upon the study of the vital forces and practical working of our American system and of its present tendencies and living issues.

Great emphasis is placed upon the study of the history of the development of democracy with its present tendencies, current political progress in the various states of the world, and the close connection between the rapidly developing economic life and the new and ever-changing political problems.

The text-books are supplemented by class-room lectures with required notes, readings, theses, and discussions.

Texts: Gettell's Introduction to Political Science; Beard's American Government and Politics.

Professor Parks.
I. Social Origins. The General Progress of Human Association. This course is a general one and is intended to make a survey of the field, and lay the basis for the study of special social topics. Chapin's *Social Evolution* and Giddings' *Principles of Sociology* will be used as basis of this course. Open to Juniors and Seniors.

Professor Miller.


Professor Miller.

DEPARTMENT OF PHILOSOPHY

Instructors

Professor Moore and Assistant Professor Locke

I. Psychology (a): General survey of conscious processes and explanation of modern methods of scientific investigation—classification of mental functions with examination of the physical basis of mental states. (Elective.)

Professor Moore.

Psychology (b): More extensive study of special subjects such as attention, association, imagination, thought, apperception, instinct, will and habit. The work is conducted by lectures, text-books, and reports or short papers on assigned topics. Texts: Baldwin, Angell and James.

Professor Moore.

II. Logic*: Elements of deductive and inductive logic, nature of reasoning, conditions of proof, training in clear reasoning and a comprehensive grasp of scientific method. The course will show the relation of logic to psychology and the general theory of knowledge.

Assistant Professor Locke.
III. Ethics*: This course will aim to treat Ethics as a descriptive and normative science and to show its applications to the solutions of problems of conduct. A survey will be made of ethical theories—origin and authority of moral law, nature and function of conscience—modern problems and their ethical aspects. Text: Tuft's *Ethics.*

Assistant Professor Locke.

IV. History of Philosophy: General survey of the principle philosophic systems with a critical study of certain modern types of thought—consideration of the important problems of modern philosophy from the vantage ground of the history of civilization. Text: Weber's *History of Philosophy.*

Professor Moore.

DEPARTMENT OF INTERNATIONAL LAW AND COMMERCIAL LAW.

Instructor
Professor Cook

International Law*: This is a suggestive course through which to gain a knowledge of the historic advance and development of the law of nations, and of the sources of definite information regarding the relations between nations, expressed in congresses, conventions, treaties and declarations as established in accepted usages and rules of action laid down in decided cases.

Commercial Law*: This course is designed to supply a pressing need of those entering into life's activities, and will be treated so as to give a student the practical knowledge of the requisites in business affairs, to enable him legally both to protect his own property rights, and to respect those of others.

The work will be pursued in an elementary manner under the following heads: General Principles of Law, Contracts, Negotiable Paper, Insurance, Real Estate Transfers.

* Half year courses are starred.
Nature and History of Art. General survey from prehistoric to recent times. A working view of the origin, development and meaning of Art. The course will be made as concrete as possible by a study of lives and works of great artists and of schools of artists. Architecture, sculpture, painting, graphic and industrial arts. Second semester 1916-1917. Elective for Juniors and Seniors.
TEACHERS' COLLEGE

FACULTY AND INSTRUCTORS

STEPHEN MORRELL NEWMAN, A. M., D. D.
President; Instructor in Art.

LEWIS BAXTER MOORE, A. M., Ph. D.,
Dean; Professor of Philosophy and Education.

THOMAS WYATT TURNER, A. M.,
Professor of Applied Biology, and Nature Study.

MCLEOD HARVEY, A. M., Ph. D.,
Professor of Educational Psychology.

ALONZO HERTZEL BROWN, A. M.,
Associate Professor of the Teaching of Mathematics and Science.

WALTER DYSON, A. M.,
Associate Professor of History and Civics.

MARTHA MACLEAR, A. M.,
Assistant Professor of Elementary Education; Director of Kindergarten Training Department.

ALAIN LEROY LOCKE, A. B., Litt. B.,
Assistant Professor of the Teaching of English; Instructor in Philosophy and Education.

CHARLES HARRIS WESLEY, A. M.,
Instructor in the Teaching of History and Modern Languages.

CLARENCE ALEXANDRE GUILLOT, A. B.,
Acting Instructor in French and Biology.

*KELLY MILLER, A. M., LL. D.
Professor of Mathematics.

GEORGE OBADIAH LITTLE, A. M., D. D.,
Professor of Greek.

*Courses offered by the following Professors and Instructors are open to students of Teachers College and constitute a part of their regular course of study.
GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.

WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.

GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.

EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.

RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.

HERBERT CLAY SCURLOCK, A. M., M. D.,
Professor of Chemistry.

WILLIAM COLEMAN, A. M.,
Professor of Physics.

GORDON DAVID HOUSTON, A. B.,
Professor of English.

ERNEST EVERETT JUST, A. B.,
Professor of Zoology.

WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.

MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.

NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor in Chemistry.

ELIZABETH APPO COOK,
Instructor in French and Spanish.

ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.

CARL P. MURPHY, A. M.,
Instructor in German.

JAMES HENRY NELSON WARING, JR., A. B.,
Instructor in German.

CHARLES HAMILTON HOUSTON, A. B.,
Acting Instructor in English.
STATEMENT OF AIMS

The aim of this college is to provide thoroughly prepared teachers for High Schools, Normal Schools, Academies, Elementary Schools, and Kindergartens. It is not a Normal School, but a college of education and takes academic rank with Colleges of Arts and Sciences in its scholastic work and with schools of Medicine, Law and Theology in its professional work. It provides for the following classes of students:

(1) Teachers of experience wishing further preparation for principalships and professorships in colleges and Normal Schools. (2) College students intending to teach one or more special subjects in High School and who, while working for the bachelor's degree, desire special equipment in education and teaching. (3) Persons preparing to teach in elementary schools and kindergartens, and those preparing to teach special branches, such as Domestic Science and Domestic Art and Manual Training. (4) Mature teachers wishing to familiarize themselves with new methods or to master new branches. (5) College graduates who have not had advantage of the latest and best work in modern education and who desire to become professional teachers.

ADMISSION

Admission to Teachers' College is obtained by furnishing certificates of good moral character, letters of honorable dismissal from the school last attended, and evidences of having completed successfully an accredited High School course of four years. For fuller explanation see University catalogue pp. 33 to 39.

ADVANCED STANDING

Applicants who offer collegiate courses or professional courses from normal schools in excess of the requirements for admission may be given advanced standing; but in no case shall such credit be recognized unless it rests upon pre-collegiate preparation offered by a four years' course in an accredited high school.
HOWARD UNIVERSITY

SCOPE OF WORK

COLLEGE COURSES

FOR TRAINING TEACHERS OF HIGH SCHOOLS, NORMAL SCHOOLS, AND ACADEMIES

The courses of Teachers' College give a broad and thorough preparation, both scholastic and professional, to men and women desiring to teach in high schools, normal schools and academies. Being one of the colleges of the School of Liberal Arts, its work is coordinated with that of the College of Arts and Sciences, and students of both colleges, in much of their scholastic work, recite in the same classes and pursue the same courses. In the Freshman and Sophomore years sufficient differentiation is made to prepare students of this college for the Junior and Senior years, which contain much of professional work. In the process of teaching, the method is particularly adapted to those who propose to become teachers, it being borne in mind that one who studies a subject for the purpose of teaching must have a different viewpoint and method of approach, as well as mental attitude, from the one who studies simply to acquire. Differentiation in method, therefore, as well as content is essential.

DEGREES AND DIPLOMAS

On the completion of the undergraduate course of four years, or one hundred and twenty-six semester hours (six of which are accredited to observation and practice teaching), the University confers the Bachelor's degree.

The work of the College divides itself into an Arts Group for those taking Latin or Greek, leading to the degree of Bachelor of Arts and a Science Group, for those taking French or German, leading to the degree of Bachelor of Science. Each degree carries with it the Bachelor's Diploma in Education. To the class graduating in 1918 the degree of Bachelor of Arts in Education or Bachelor of Science in Education is offered.

The Bachelor's diploma in Education may be granted to graduates of approved colleges upon the completion of at least one year's work in residence and the satisfaction of the professional requirements.

Upon the completion of a course of two years in Elementary Education, Kindergarten Education or Practical Arts, the University confers a diploma appropriate to the course pursued.
DISTINCTION AT GRADUATION

Students, who maintain throughout the four years' course an average standing of 95, are graduated "Summa Cum Laude;" those who maintain a standing of 90 are graduated "Magna Cum Laude;" those who maintain a standing of 80 are graduated "Cum Laude."

DEGREE OF MASTER OF ARTS

Candidates may be admitted for the Master's degree who have completed a course of study such as is required by colleges of recognized standing for the Bachelor's degree. The Faculty of the Teachers College must decide whether such antecedent studies have been sufficient, and also whether they qualify the student for pursuing the subjects selected for graduate work.

The candidate will be required to submit to the Faculty for approval a program of four courses, two of which shall be in the major group of educational subjects, and two minor subjects, one of which must be correlated with the subject of the major group.

At least one year of residence in this University is required, and the four courses must be the equivalent of twelve units of class work.

The candidate must also present a satisfactory thesis on an approved subject, which is in the field of this major or correlated minor subject.

Note.—A reading knowledge of French or German is very desirable and will facilitate the work of the required courses.

COURSES OPEN TO GRADUATES AND APPROVED SENIORS

Education 101-102. School Administration and Supervision......... 4
Education 103-104. Problems in Modern Education ................. 4
Education 109. Biology and Education ........................ 2
Education 205-206. Advanced Educational Theory ................. 4

GENERAL REGULATIONS

All regular students must complete, during their college course, at least 18 units in a major subject, and at least 12 units in a minor subject. As a major, any of the following academic subjects or groups of subjects may be chosen: English, Latin, Greek, French, German, Mathematics, Physical Science, Biological Science or History, including Economics and Political Science. As a minor, choice may be made of any one of the above subjects or of Education, Psychology, and Philosophy.
REQUIRED COURSES FOR BACHELOR'S DEGREE AND BACHELOR'S DIPLOMA IN EDUCATION

Professional Requirements:

Education B. History of Education ................. 6 units.
Education 51. Principles of Education .............. 3 units.
Education 52. Principles of Teaching .............. 3 units.
Education A. Educational Psychology .............. 3 units.
Education 107. Secondary Education ............... 3 units.
Education 108. Elementary Education .............. 3 units.
Education 53-54. Observation and Practice Teaching .... 3 units.

Each student is required to elect 6 units from the following subjects:

Education 61-62. The Teaching of English ........... 4
Education 63-64. The Teaching of History ........... 4
Education 55-56 Genetic Psychology .................. 6
Education 67-68. The Teaching of Modern Languages .... 4
Education 64-66. The Teaching of Mathematics ........ 4
Education 71-72. The Teaching of Science ........... 4
Education 69. The Teaching of Latin in High Schools ... 2

SYNOPSIS OF COURSE OF STUDY.

I. College Course

FRESHMAN YEAR.

English I ............... 6 units
Mathematics ............ 6 units
Latin or Greek .......... 6 units (Arts Group)
French or German ...... 6 units (Science Group)

SOPHOMORE YEAR

English II ................ 6 units
Psychology ............. 6 units
Latin or Greek (Arts Group)) ............... 6 units or
French or German ...... 6 units (Science Group)

The following additional courses must be taken to the number of 12 units in the Freshman and in the Sophomore years, unless they have been taken in work of approved grade in high school, in which case
other Academic studies to the equivalent number of units must be taken from the list of General Freshman and Sophomore Electives.—

Biological Science .......... 6 units
Physics ..................... 6 units
French or German *1 ... 12 units
History *2 .................. 12 units

*1—One year only if based on 2 years of high school work, otherwise 2 years will be required.

*2—Students may claim 6 units of exemption according to character of history work done in high school.

General Freshman and Sophomore Electives

Biblical History and Literature
Botany
Chemistry
English Literature
French
German
Greek
History
Latin
Mathematics
Nature Study
Physiology
Physiology and Hygiene
Zoology

JUNIOR YEAR

N. B. At the beginning of the Junior year, the student is expected to choose a major subject for specialization, in which he must complete, before graduation, at least 18 units of work, and a minor subject in which he must complete at least 12 units of work.

Prescribed Courses:

Education B. History of Education ......................... 6 units.
Education 51. Principles of Education ...................... 3 units.
Education 52. Principles of Teaching ...................... 3 units.

SUGGESTED ELECTIVE GROUPS

THE TEACHING OF PSYCHOLOGY GROUP

Major—Psychology .................................................. 18 units

Minors—Physiology .................................................. 3 units
Biology .............................................................. 3 units
Modern Language .................................................. 6 units
Physics .............................................................. 6 units
Optional ............................................................. 24 units
THE TEACHING OF ENGLISH GROUP

Major—English ...................................................... 18 units

Minors—History .................................................. 6 units
Modem Language .................................................. 6 units
Optional .............................................................. 30 units

THE TEACHING OF HISTORY GROUP

Major—History .................................................... 18 units

Minors may be chosen from:
   English .............................................................. 12 units
   Or Modern Language ........................................... 12 units
   Optional ........................................................... 30 units

To be chosen from the following:
   Philosophy ......................................................... 6 units
   Psychology ........................................................ 6 units
   Political Science ................................................ 6 units
   Sociology .......................................................... 6 units
   Optional ........................................................... 6 units

THE TEACHING OF MATHEMATICS GROUP

Major—Mathematics .............................................. 18 units

Minors—Teaching of Arithmetic .............................. 3 units
Teaching of Algebra ............................................. 3 units
Applied Mathematics ......................................... 6 units
History of Mathematics ...................................... 6 units
French or German .............................................. 12 units
Physics .............................................................. 6 units
Optional ........................................................... 6 units

THE TEACHING OF SCIENCE GROUP

Major in Biological Science ................................. 18 units
   Including teaching of Biological Sciences.

Minors—Physiology, Chemistry ............................ 12 units
   Modern Language .............................................. 6 units
   Teaching of Nature Study ................................. 3 units
   Biology and Education ..................................... 2 units
   Logic ............................................................... 3 units
   Optional ........................................................... 16 units
Electives to total 30 or 36 units:

Education 55-56. Genetic Psychology.
Education 1-2. Kindergarten Education.
English 51-52. English Literature.

Education 63-64. (Hist.) Education 65-66. (Math.)
Education 71-72. (Science).

♦ Economics.
♦ Botany II.
*Chemistry.
*French.
*German.
*Greek.
*Argumentation.
*Latin.
*Spanish.
*Zoology.

SENIOR YEAR

N. B.—All students are required to satisfy outstanding conditions before the end of the first semester of their senior year.

Prescribed Courses:

Education 53-54. Observation and Practice Teaching........ 3 units
Education 107. Secondary Education .............................. 3 units.
Education 108. Elementary Education .............................. 3 units.

Electives:

Education 102. School Administration. *Botany II.
Education 103-104. History of Negro Education. *History.

NOTE.—Starred (*) courses are courses open to Teachers College students in other departments of the University.
POST-GRADUATE WORK

Graduate students choosing a major or minor in Education are required to make selection from the following, the amount and nature of the selections depending upon previous work done in Education:

- History of Education
- Biology and Education
- Problems in Modern Education
- Principles of Education
- Administration and Supervision
- Principles of Teaching
- Advanced Educational Theory

II. TWO YEAR COURSES.

Students who are planning to teach in Elementary Schools are given a diploma at the end of the second year of college work, upon the completion of a prescribed course.

A special course of two years is open to students planning to teach in Kindergartens.

COURSES LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION

**FIRST YEAR—REQUIRED**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>English I</td>
<td>6</td>
</tr>
<tr>
<td>Physiology and Hygiene</td>
<td>6</td>
</tr>
<tr>
<td>Physiography and Nature Study</td>
<td>6</td>
</tr>
<tr>
<td>Teaching of Elementary Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>Education 5-6. Songs and Games</td>
<td>2</td>
</tr>
<tr>
<td>One elective to be chosen from the general electives.</td>
<td></td>
</tr>
</tbody>
</table>

**SECOND YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature of Elementary Schools</td>
<td>4</td>
</tr>
<tr>
<td>History of Education</td>
<td>6</td>
</tr>
<tr>
<td>Psychology</td>
<td>6</td>
</tr>
<tr>
<td>Principles of Education</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>3</td>
</tr>
<tr>
<td>Practice Teaching</td>
<td>3</td>
</tr>
<tr>
<td>One elective chosen from the general electives.</td>
<td></td>
</tr>
</tbody>
</table>
COURSES LEADING TO A DIPLOMA IN KINDERGARTEN EDUCATION

FIRST YEAR

English I ................................................................. 6
Physiology and Hygiene ........................................... 6
Kindergarten Theory ............................................... 4
Kindergarten Education 3-4 ..................................... 4
Kindergarten Education 5-6 ..................................... 2
Kindergarten Education 7-8 ..................................... 2
Physiography and Nature Study ............................... 6

SECOND YEAR

History of Education .................................................. 6
Psychology .............................................................. 6
Principles of Education ............................................. 3
Elementary Education ............................................... 3
Practice Teaching .................................................... 3
Literature for Elementary Schools ............................. 4

One elective from General Electives.

Before graduation all candidates for a diploma in Kindergarten Education must satisfy the director of her ability to play the piano.

DESCRIPTION OF COURSES OF STUDY

EDUCATION

Professor Moore, Assistant Professor MacLear and Professor Harvey

I. THEORY AND PRACTICE OF EDUCATION.

Education 51. Principles of Education: This course is devoted to the study of the aims, values, content of education as revealed by biological, psychological, sociological and ethical principles. Prerequisite: General and Educational Psychology, History of Education. Three hours. First semester.

Professor Harvey.
Education 52. Technique of Teaching: This course considers the application of the facts and principles of psychology and logic to teaching. Special attention is given to the various lesson types, moral training and to class management. Prerequisites: General and Educational Psychology; History of Education. Three hours. Second semester.

Professor Harvey.

Education 102. School Administration and Supervision: This course is designed for principals and teachers who wish to prepare themselves for supervision and administration. It deals with the organization of school systems, work of school boards, superintendents, principals, and teachers, relation of the national government and the state to education, the economics of administration, school legislation, compulsory education and school hygiene. Two hours. Second semester.

Dr. Moore.

Education 53 and 54. Observation and Practice Teaching: By arrangement with the public school system of Washington, students are provided with excellent opportunities for observation and practice, under actual school conditions. Prerequisites: Secondary Education or Elementary Education. Three hours.

Education 108. Elementary Education: Lectures and required readings. The object of this course is to present to the class special methods in teaching English, Geography, Arithmetic and History, for use in the primary and grammar grades. Prerequisites: Psychology and the Principles of Teaching, History of Education. Three hours. Second semester.

Assistant Professor MacLear.


Dr. Moore.
II. Educational Psychology.

*Education 43-44. Preliminary Course:* The physiological basis of sensation will be studied and elementary experiments will be employed to illustrate methods of teaching. Some attention will also be given to abnormal psychology in its bearing upon the defective pupil. The aim will be to teach the subject in such a way as to enable the teacher to deal more intelligently with school problems. Three hours. First and second semesters.

Professor Harvey.

*Education 55-56. Genetic Psychology:* This course on the physical and mental development of children is supplementary to the prescribed course in Educational Psychology. It presents facts concerning the nature and development of the mind during childhood and adolescence, with special reference to the meaning of these facts to the teacher. Three hours first and second semesters.

Professor Harvey.

*Education 59-60. Advanced Psychology:* This course presupposes such a knowledge of psychology as may be gained from Angel's Psychology, Calkin's Introduction to Psychology, or similar works. It will give more advanced work in physiological psychology, a treatment of the emotions, and an introduction to experimental psychology. In treating the various aspects of this subject, its bearing upon the teaching profession will be kept in view. Summaries of articles in the current psychological and educational magazines will also be presented by the students and discussed in class. Three hours first and second semesters.

Professor Harvey.

*Education 57-58. The Psychology of the Bible.* This study presents a different course for each of four years. It gives a survey of the historic, prophetic, poetic, symbolic, wisdom, and epistolary literature of the Jews.

An effort will be made to find the point of view of the various writers and the nature of their thought and feeling. The influence upon the Jewish race of their environment and religion will be noted, and the development of new ideals will be traced. The Bible's contribution to the progress of the world, spiritually, ethically, educationally and socially will also be considered. Three hours, first and second semesters.

Professor Harvey.
III. History and Philosophy of Education.

Dr. Moore, Assistant Professor MacLear, Assistant Professor Locke

Education B. History of Education: The design of this course is to develop in the student breadth of view by treating the history of education as a vital part of the history of civilization. It includes an account of political and social theories in so far as they affect education. Prerequisite: General Psychology.—Assistant Professor MacLear. Three hours, first and second semesters.

Education 101. History of Education in America: This course deals with the evolution of the public school systems of the states and cities, the various types and grades of schools—public, private and denominational. It discusses the recent reforms and present tendencies in American education. This course articulates with Education 102, School Administration. Two hours, first semester.

Assistant Professor MacLear.

Education 103-104. The History of the Education of the Negro. This course begins with a discussion of the ethnic groups of Africa, Europe, and the United States, and studies particularly the introduction, status and development of the Negro race on this continent with special reference to his condition as slave, as free Negro and freedman. Special emphasis is laid upon the study of Negro education since 1861. A detailed account of public and private schools of all grades. This course is open to Seniors and Graduate students. Two hours (Graduates), first and second semesters. Three hours (Seniors).

Associate Professor Dyson.

Education 205-206. The Philosophical Basis of Educational Theory: A comprehensive course in the historical and comparative study of educational theory as showing the progressive stages in the philosophical, cultural and social aims of education. The educational classics from Plato and Aristotle to Herbart, Pestalozzi and Spencer will be reviewed. For graduate students only.

Dr. Moore.
Professor Locke.
IV. KINDERGARTEN EDUCATION.

ASSISTANT PROFESSOR MACLEAR

Education 1. Kindergarten Theory: This course is based on a study of Froebel's Education of Man, Mother Play, Pedagogies of Kindergarten and Education by Development. In addition, readings in modern educational theory will be required. Two hours, first semester.

Education 2. The Montessori Method. The second part of this course will be devoted to a study of the Montessori Method, a comparison of it with kindergarten theory and an attempted reconciliation of the two.

Education 3 and 4. Gifts and Handwork: This course is intended to give a mastery of the gifts and materials used in the Kindergarten by means of lectures, discussions, essays and practical work. Four hours.

Education 5 and 6. Songs and Games: Lectures, practical playing of games and the study of Kindergarten songs. Two hours, first and second semester.

Education 7 and 8. Kindergarten Principles and Practice: This course deals with practical work in the kindergarten, as well as a study of material available for use in the kindergarten and the making of typical programmes. Five hours.

V. THE TEACHING OF ENGLISH LANGUAGE AND LITERATURE.

ASSISTANT PROFESSOR LOCKE


(a) The English Curriculum of The Elementary School.

Detailed study of the elementary school course in English, with especial emphasis on methods of teaching. The problem of the place and value of the vernacular in education, the unity of the English branches, the conflict of modern with the traditional methods, will be discussed. Three hours, first semester.
(b) The English Curriculum of the Secondary School.

A course in the teaching of High School English, treating the problems of the correlation of secondary with elementary school English, the teaching of the English Classics, and the study of formal composition. The Uniform College Entrance Requirements in English will be studied and discussed, and used as a standard for the High School curriculum. Three hours, second semester.

Assistant Professor Locke.


A course in the essentials of English grammar, syntax, and idiom, treated both historically and systematically, with a view toward perfecting a technical and standard knowledge of English. Laboratory work in English Composition, and corrective methods in English training. Three hours, first and second semesters.

Assistant Professor Locke.

4. Education 45-46. Literature of Elementary Schools.

Stories and Story Material: A general survey of appropriate literature for children, including folk and fairy-tales, history stories, nature stories, fables and poems; a classification of this literature for purpose of reference, through discussion and demonstration of the principles underlying the selection and presentation of stories to children. Two hours, first and second semesters.

Assistant Professor Locke.

5. English 51-52. Typical Forms of English Literature.

This is a course in the development of appreciation and critical standards. It attempts a survey of the principal forms of literature, such as the epic, the lyric, the ballad, the novel, the short story, on a background chiefly of English literature, with a view to establishing an appreciative and comparative basis for the teaching of the English Classics. Three hours, first and second semesters.

Assistant Professor Locke.
VI. THE TEACHING OF HISTORY.

ASSOCIATE PROFESSOR DYSON, MR. WESLEY.

Education 63-64. The Teaching of History in Elementary and High Schools. A discussion of history, its aim, method and value; study of maps, charts, text-book reviews, syllabi, class-plans, photographs, and lantern slides. Textbook, collateral reading, class observation, and reports are required. Three hours, first and second semesters.

ASSOCIATE PROFESSOR DYSON.

HISTORY A. TEACHERS' COURSE IN ANCIENT HISTORY.

In this course the Greek and Roman Civilizations are studied in detail, especially their origin, development and influence. Text-book, collateral reading and reports are required. Three hours, first and second semesters.

ASSOCIATE PROFESSOR DYSON.

B. TEACHERS' COURSE IN MEDIAEVAL HISTORY.

A survey of European Civilization during the Middle Age. Especial attention is given to the social and intellectual life of the Feudal regime, the Renaissance in Europe in the fourteenth and fifteenth centuries, the Reformation and the appearance of national consciousness, individual thought and social forces which introduce the dawn of the modern era. Three hours, first and second semesters.

MR. WESLEY.

C. TEACHER'S COURSE IN THE DEVELOPMENT OF MODERN EUROPE.

A study which links with Course B. It is planned to begin with the close of the war of Religion, noting the Thirty Years' War, the work of Richelieu and Louis XIV, the rise of Prussia and Russia, and the development of England. The policies of states in their development will be followed, the French Revolution and the career of Napoleon, the formation of the German Empire, the Unification of Italy. A brief and general introduction will be given to modern problems. Three hours, first and second semesters.

MR. WESLEY.
History 51-52. Literature of American History.

The object of this course is to organize the students' historical knowledge, and to develop the intelligent use of collateral material in the study and teaching of history. The development of America from the Discoveries and Explorations to the present time will be reviewed, in order to present a comprehensive view of the collateral material and the subject matter. Lectures, collateral readings, special investigations, reports. Three hours, first and second semesters.

Mr. Wesley.

History 67-68. History of the Negro.

Same as Education 103-104. Open to Seniors and Graduate Students.

Associate Professor Dyson.

-VII. The Teaching of Mathematics.

Associate Professor Brown.

Education 65. (a) The Teaching of Elementary School Mathematics. This course aims to give the student a comprehensive grasp of the theory and practice of teaching the principal operations in elementary mathematics. Such topics as the following will be treated: the history of teaching methods in arithmetic; present-day methods; a critical analysis, grade by grade, of a typical course in arithmetic. Lectures, discussions, recitations and special reports. Three hours, first semester.

(b) Applications in Elementary School Mathematics. This course deals with the application side of arithmetic and such algebra and geometry as are found in the elementary school curriculum. Some of the topics treated are: percentage, ratio, mensuration, interest, bank, trade and commercial discounts, the construction of applied problems, applications of arithmetic in modern business life. The relation of each topic to the child's every-day and future needs is carefully considered. Three hours, second semester.

Education 66. (a) The Teaching of Secondary School Mathematics.

A study of the pedagogical and educational aspects of secondary school algebra, geometry and trigonometry. Some of the topics treated are: the function of mathematics in the secondary school; methods of arranging and developing the subject matter; modes of presentation; current mathematical literature; typical parts of algebra, geometry and trigonometry. Lectures discussions, recitations and special reports. Three hours, first semester.
(b) The History of Mathematics. The purpose of this course is to outline, in a general way, the historical development of the elementary branches of mathematics—algebra, geometry and trigonometry—from ancient times to the present. Three hours, second semester.

Mathematics I. (a) Plane Trigonometry. In this course the fundamental concepts and formulas of plane trigonometry will be developed by graphical methods. The practical rather than the theoretical aspects of the subject will be stressed. Three hours, first semester.

(b) Solid Geometry. The purpose of this course is to give the student a practical working knowledge of a selected list of the fundamental theorems of solid geometry. Methods of solving original concrete problems will therefore receive chief emphasis. Three hours, second semester.

Mathematics II. Practical Mathematics. A semi-professional course intended primarily for students specializing in mathematics or the descriptive sciences. Some of the topics considered are as follows: the graphical representation of various kinds of laws and data; the theory of approximation and errors; the use of mathematical instruments; rates of increase, etc. Three hours, first and second semesters.

Note.—Drawing materials and special mathematical note-book will be required in courses (a), (b) and Mathematics II.

VIII. The Teaching of Foreign Languages.

Mr. Wesley, Mr. Guillot.

Education 67-68. The Teaching of French. This course continues French B and is intended primarily for students who are preparing to teach French. Aims and methods of the teaching of French in secondary schools, together with a survey of typical courses in approved high schools will be studied. Lectures, assigned readings, reports in English and French. Prerequisite; two years of French in college.

Mr. Guillot.

French A. Elementary French. The aim of this course is to give the student a firm grasp of the essentials of the French grammar and language, which are regarded as necessary in foreign language study and teaching. Reading and conversation are urged from the beginning. A correct pronunciation is attempted through the use of the phonetic alphabet, and through the imitation of models presented by the instructor.

Mr. Wesley.
FRENCH B. This course aims to secure a command of the elementary spoken and written French by constant practice in giving French paraphrases, abstracts or reproductions of the matter read; a thorough review of grammar; writing from dictation. Several texts will be read to facilitate an easy command of the language. Conferences will be held weekly for students who are deficient in pronunciation. Three hours.

Mr. Guillot.

FRENCH 52. Primarily for students who are specializing with a view to teaching French. This course is conducted largely in French. The aim is to give the student an appreciation of literary French. He is expected to summarize his reading in French, orally and in writing.


Mr. Guillot.

Second semester: The nineteenth century; reading from Hugo, Lamartine, Gautier, Alfred de Vigny, Alfred de Musset, Flaubert, Zolo, France. Private reading: practice in writing French; dictation. Lectures on French literature down to 1852. Open only to approved students.


IX. THE TEACHING OF SCIENCE.

Professor Turner.

Education 71-72. Teaching of Nature Study. This course will consist of lectures, discussions, readings, laboratory and out-door work. It will deal with the aims, materials, and graded courses of nature study, school gardening and elementary agriculture.

Science A. (4) Geography and Physiography.

(a) Physiography. This is a general advanced course treating of the physical features of the earth's surface and their influence upon man.

(c) Teaching of Geography in Elementary and Secondary Schools. This course consists of a detailed study of the subject matter of secondary school courses; it deals with the problems of teaching Geography with special emphasis on Laboratory work. Not given 1915-16.
Science B. Principles of Botany.

The work upon plants in this department is directed toward the preparation of those who expect to teach Botany. It aims to present largely through laboratory exercises the fundamental structures and functions of plant life. It will seek to give the pupil a working knowledge of the sources and means of making use of available plant material for class room work.

Attention will be given to lower as well as the higher plants, and their practical bearing in relation to man will be emphasized.

The laboratory is equipped with some of the best pieces of apparatus, a fairly complete line of chemicals, and an experimental garden. Curtis' Nature and Development of Plants will be used as a text. Laboratory and recitations, 6 hours.

Professor Turner.

Science C. Physiology and Hygiene. This course has a three-fold aim: to meet the needs of those who may be called upon to teach Physiology in the Secondary Schools; to form the basis for work in Psychology and Education, and to supply the general student with a somewhat exact knowledge of the structure and normal functioning of the human body. An elementary course in Physics and Chemistry is desirable for those electing this course.

The laboratory possesses a set of the Gaylord-Clarke nerve models, several of the Auzoux models and many other pieces of equipment which afford the pupil opportunity to do thorough work.

First semester: The human body as related to other animals; Skeleton, Muscles, Nervous System and Special senses will be considered.

Second semester: Circulatory, Respiratory, Digestive, Excretory Systems, Metabolism and Animal Heat.

Lectures and recitation two hours. Laboratory two hours. Martin's Human Body, Advanced Course, is used as a text.

Professor Turner.

Education 108. Biology and Education. This is an advanced course and presents the leading facts and generalizations of Biology. It is a study of the Educational significance of the principles of evolution, heredity, embryology and general psychology. Open to graduates and qualified Seniors. One semester, two hours.

Professor Turner.
XI. Domestic Science and Art.

Miss Skelton and Miss Jackson.

For information concerning teachers' training courses in these subjects, consult the section of the catalogue under the School of Manual Arts and Applied Sciences, Department of Home Economics.

TEACHERS' EMPLOYMENT BUREAU

The college maintains a bureau under its direction to assist students and graduates in securing positions as teachers and, at the same time, to aid superintendents and boards of education in securing competent teachers.

For further information concerning Teachers College, address, President of the University, or Dean L. B. Moore.
THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES

FACULTY

STEPHEN MORRELL NEWMAN, D. D.,
President.

HAROLD DE WOLFE HATFIELD, S. B. in M. E.
Director; Instructor in Mechanical Engineering.

THOMAS WYATT TURNER, A. M.,
Professor of Applied Biology and Botany.

HAROLD APPO HAYNES, B. S. in E. E.,
Instructor in Electrical Engineering.

CHESTER ARTHUR LYLE,
Instructor in Printing.

MABEL MADISON JACKSON,
Instructor in Household Arts.

GERTRUDE ELIZABETH SKELTON,
Instructor in Household Economics.

HAIDIEE WILLIAMSON SEWALL,
Assistant in Household Arts.

*KELLY MILLER, A. M., LL. D.,
Professor of Mathematics.

LEWIS BAXTER MOORE, A. M., Ph. D.,
Professor of Philosophy and Education.

GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law.

EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics.

*The following Professors and Instructors offer courses which constitute a part of the regular schedule of studies in the School of Manual Arts and Applied Sciences.
RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Geology.

HERBERT CLAY SCURLOCK, A. M., M. D.,
Professor of Chemistry.

WILLIAM COLEMAN, A. M.,
Professor of Physics.

GORDON DAVID HOUSTON, A. B.,
Professor of English.

WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.

MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.

NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor of Chemistry.

ELIZABETH APPO COOK,
Instructor in French.

CARL P. MURPHY, A. M.,
Instructor in German.

CLARENCE ALBERT HAYS, A. B.,
Instructor in Physics.

GENERAL STATEMENT

A race situated as is the Negro race in America, in the formative period of its national life, must progress along all lines of human endeavor simultaneously; the progress must of necessity be industrial, intellectual, physical and moral.

The schools in which Manual Training and Domestic Arts and Sciences are being taught are rapidly increasing in number, and the demand for well-trained teachers and demonstrators of the subjects is greater than ever before.

On February 7, 1913, the Board of Trustees of Howard University voted to maintain the Department of Manual Arts and Applied Sciences as a separate department, to be thoroughly reorganized, and to be placed upon the highest scholastic basis for co-operation with all the other departments of the University.
In accordance with the above resolution the Department now offers thorough courses in Manual Training, Home Economics and Engineering. Its work is correlated with that of other departments of the University and furnishes facilities for instruction in the above courses to a large number of students in those departments.

**EQUIPMENT**

The department has for its use the new Manual Arts and Applied Sciences Building. In the basement of which are the Engineering Laboratories, storage rooms and two large, well-lighted drafting rooms. The wood-working department, machine shop and stock room occupy the second floor, while on the third floor is the Department of Home Economics, recitation rooms, storage rooms and the office of the director. In the basement of Spaulding Hall, which adjoins the Manual Arts and Applied Sciences Building, is situated the Printing Shop. The Electrical Laboratory is at present situated in the basement of Thirkield Science Hall. The Power Plant of the University is being equipped with modern testing apparatus and furnishes facilities for running steam and electrical machinery tests on a much larger scale than would be possible under ordinary circumstances. All machines in the wood-working, machine and printing shops are equipped with individual motor drive.

**GENERAL INFORMATION**

The requirements for admission to all courses in Manual Arts, Home Economics, and Engineering are the same as those for the School of Liberal Arts, see page 34.

Three laboratory units count as one unit of recitation in the Departments of Engineering and Manual Training. Two laboratory units count as one unit of recitation in the Department of Home Economics.

All correspondence should be addressed to the Director of the School of Manual Arts and Applied Sciences.

**MANUAL ARTS**

The Department of Manual Arts offers a four year course in Manual Training. This course is given in response to the increasing demand for well-trained teachers in Manual Training, for those who desire a special intensive training which will fit them for
positions as directors and supervisors of manual arts, including free-hand and mechanical drawing and the crafts, and for those who, in addition to the preparation to teach some one of the regular academic subjects, are seeking to equip themselves to teach one or more of the special lines of manual arts work which might profitably be introduced into the curriculum of the smaller high schools.

**DEGREE**

The degree of Bachelor of Science (Manual Arts) will be conferred upon those who complete the regular four year course in Manual Training as outlined below.

**EQUIPMENT**

Adequate facilities for all laboratory courses are made possible by the use of the full equipment of the Department of Engineering Laboratories, and drawing rooms. The wood-working room is equipped with twenty-four individual manual training benches with rapid action vices, and complete sets of wood-working tools. Twelve turning lathes with individual motor drive, a Hobbs' buzz-planer and jointer, surface planer, double saw bench, an Oliver thirty-inch band saw and an automatic tool sharpening machine have been installed in the wood-turning department.

Plans are being made for a new building to contain the Foundry, Forge and Machine Shops, and in it will be found the usual equipment.

**OUTLINE OF COURSE**

**Manual Training**

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>*English I ..........3 hours</td>
<td>*English I ..........3 hours</td>
</tr>
<tr>
<td>*Physics I ...........3 &quot;</td>
<td>*Physics I ...........3 &quot;</td>
</tr>
<tr>
<td>*French II or German II ..3 &quot;</td>
<td>*French II or German II ..3 &quot;</td>
</tr>
<tr>
<td>*Mathematics I (a) ....3 &quot;</td>
<td>*Mathematics I (b) ....3 &quot;</td>
</tr>
<tr>
<td>Mechanical Drawing I ....2 &quot;</td>
<td>Mechanical Drawing I ....2 &quot;</td>
</tr>
<tr>
<td>Freehand Drawing .......1 &quot;</td>
<td>Freehand Drawing .......1 &quot;</td>
</tr>
<tr>
<td>Wood Work I ...........3 &quot;</td>
<td>Wood Work II ...........3 &quot;</td>
</tr>
<tr>
<td>Physical Training ....... &quot;</td>
<td>Physical Training ....... &quot;</td>
</tr>
</tbody>
</table>

*Given in the College of Arts and Sciences.*
**SCHOOL OF MANUAL ARTS**

### SOPHOMORE YEAR

#### First Semester
- *Chemistry I* ............... 3 hours
- **Psychology** .............. 3 “
- Mechanism ................. 3 “
- Mechanical Drawing II ... 3 “
- Forging ..................... 2 “
- *Physics II* ................. 2 “
- Printing I ................... 3 “
- Physical Training ......... 3 “

#### Second Semester
- *Chemistry I* ............... 3 hours
- **Psychology** .............. 3 “
- Mechanism .................. 3 “
- Mechanical Drawing II ... 3 “
- Foundry ...................... 2 “
- *Physics II* ................. 2 “
- Printing I ................... 2 “
- Physical Training ......... 2 “

### JUNIOR YEAR

#### First Semester
- **History of Education** ... 3 hours
- Printing II .................. 2 “
- Surveying .................... 3 “
- Art Metal Work .............. 3 “
- Machine Shop ................ 3 “
- Applied Design I .......... 2 “
- Electives ..................... 3 “

#### Second Semester
- **History of Education** ... 3 hours
- Printing II .................. 2 “
- Pattern Making .............. 2 “
- Materials of Construction .4 “
- Machine Shop ................ 3 “
- Applied Design II .......... 2 “
- Electives ..................... 3 “

### SENIOR YEAR

#### First Semester
- **Technique of Teaching** .. 3 hours
- *Commercial Law* .......... 3 “
- Direct Current Machinery .4 “
- E. E. Laboratory .............. 2 “
- Study of Materials .......... 2 “
- Practice Teaching .......... 2 “
- Electives ..................... 3 “

#### Second Semester
- **Technique of Teaching** .. 3 hours
- *Commercial Law* .......... 3 “
- Industrial Electricity ...... 4 “
- E. E. Laboratory .............. 2 “
- Costs and Plans of Equip­ment .......... 2 “
- Practice Teaching .......... 2 “
- Electives ..................... 3 “

**Given in the Teachers College.**

*Given in the College of Arts and Sciences.*
Wood-Work I.

First semester, credit three hours. Nine hours of work a week. This course embraces a series of progressive exercises outlined by blue prints; the use and care of the different tools; the application of the different kinds of joints is shown in the construction of useful articles of furniture, and also in building construction.

Wood-Work II.

Second semester, credit three hours. Prerequisite, Wood-Work 1. This course consists of a series of progressive exercises which teach the student the use and care of wood-working machines. Exercises involving the various methods of turning between centers, face plate and chuck work. Original projects designed and executed by the student.

Study of Materials.

First semester, credit two hours. Reports and discussions upon the materials, tools and methods used in the Manual and Industrial Arts.

Forging.

First semester, credit two hours. Six hours of work a week. Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, simple-welding and elementary work in steel. Not given in 1916-1917.

Freehand Drawing.

Credit one hour. Three hours of drawing a week. Expressing simple forms by lines; drawing of geometrical figures; study of the position and proportion of figures; freehand and mechanical perspective; object drawing and shading from models.

Applied Design I.

Credit two hours. Six hours of drawing a week. Prerequisite, Mechanical Drawing 1. The fundamental principles of good constructive design. Specific attention is given to the different materials of the industrial arts. The course also includes the design of furniture, and the decorating of objects in leather and metal.
Foundry.
Second semester, credit two hours. Six hours of work a week. Moulding and casting of patterns. The casting being done in soft metal. Instruction is given in the use of moulding machines, making two and three part green sand moulds, and making, baking and setting cores. Instruction is also given in the casting of iron and steel foundry appliances and modern methods of production. Not given in 1916-1917.

Mechanism.
Credit three hours. Prerequisite, Plane Trigonometry. A course designed to teach the student the theory of mechanism as applied to machines, quick return motions, trains of gears, design of cams, etc.

Art Metal Work.
First semester, credit three hours. Six hours of work a week. Instruction is given in the artistic use of sheet metal in the modeling of useful objects, the decorative etching of metal, and the combination of metal with objects constructed in wood.

Applied Design I.
Second semester, credit two hours. A continuation of the course in Applied Design I. The making of a number of designs for furniture.

Industrial Electricity.
The application of electricity to Industrial Work. Selection of the proper drive, wiring and setting of motors for machines, etc.

Mechanical Drawing I.
See courses in Engineering, page 122.

Mechanical Drawing II.
See courses in Engineering, page 126.

Pattern Making.
See courses in Engineering, page 128.

Machine Shop.
See courses in Engineering, page 128.

Printing.
See courses in Printing, page 115.

Surveying.
See courses in Engineering, page 122.

Materials of Construction.
See courses in Engineering, page 123.
The Department of Home Economics offers courses which deal with the principles which underlie the proper management of the home, the care of children, the hygienic and sanitary conduct of institutions and the economic conditions affecting the work of women.

The courses are planned to meet the needs of four classes of students.

1. Those students who desire a general knowledge of the subject matter as a basis for application in the study of the general arts and sciences as a part of a liberal education.

2. Those students who desire to make a detailed study of Home Economics in its relation to the arts and sciences which are fundamental in the management of the home.

3. Those students who wish to teach Home Economics in secondary schools, vocational schools, extension work and in higher institutions.

4. Those who wish to prepare themselves for other vocations than teaching or home-making, or for vocations which can be carried on in connection with other lines of work.

More requests are received than can be filled for women trained in special lines of Home Economics. Graduates are constantly finding new fields of activity.

DEGREE

The degree of Bachelor of Science (Home Economics) is conferred upon those who complete the required four year course in Home Economics with such electives as will meet the 120 credits required for graduation. Fifteen credits exclusive of physical training and practice-teaching are to be carried each semester, with the privilege of increasing the electives to eighteen credits, providing the student has received a standing of 85 per cent. in all studies for the preceding semester. A certificate will be given to those who complete the two year course.

EQUIPMENT

The equipment of the Department of Home Economics is modern in every respect. All articles and utensils are such as can be used in any home, and at the same time offer incentive to the betterment of home conditions. It also supplies sufficient means for experimenting with new materials and devices, so that the information obtained may
be passed on to the housekeeper and to other schools. The Department of Home Economics is situated on the third floor of the Manual Arts and Applied Science Building. The rooms are all large, well ventilated and well lighted. The kitchen laboratory is supplied with individual equipment for instruction in foods and cookery, and a complete laboratory table for chemistry of foods analysis. Adjoining the kitchen is the dining room with full equipment for serving breakfasts, luncheons and coursed dinners.

The Laundry Laboratory is equipped with the latest devices, consisting of stationary tubs, boilers, driers, electric irons, etc. Adjoining this room is a lecture room used by both departments.

The Domestic Art Studio is a large, sunny and well ventilated room, equipped with sewing machines, dress forms, rug and carpet looms, drafting and sewing tables for garment making and dress making, and devices for basketry, weaving and allied courses.

### OUTLINE OF COURSES

**Two Year Course**

*Leading to Certificate*

#### FIRST YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>English I</em> ..................3 credits</td>
<td><em>English I</em> ..................3 credits</td>
</tr>
<tr>
<td><em>Chemistry I</em> .................3 “</td>
<td><em>Chemistry I</em> .................3 “</td>
</tr>
<tr>
<td>Physiology .................3 “</td>
<td>Physiology .................3 “</td>
</tr>
<tr>
<td>Foods and Cookery .........2 “</td>
<td>Foods and Cookery .........2 “</td>
</tr>
<tr>
<td>Nutrition ...................1 “</td>
<td>Food Production and Manufacture .........1 “</td>
</tr>
<tr>
<td>Sewing Models .............1 “</td>
<td>Basketry ...................1 “</td>
</tr>
<tr>
<td>Physical Training .......</td>
<td>Physical Training .......</td>
</tr>
</tbody>
</table>

*Given in the College of Arts and Sciences.*
SECOND YEAR

First Semester

**History of Education...3 credits
**Principles of Education...3
**Psychology ..............3
Design ........................1
Laundry ........................1
Dressmaking ....................2
Millinery and Needlework ................1
Shelter ............................1
Theory of Teaching, D. S ..........1
Practice Teaching, D. S... 
Physical Training ........... 

Second Semester

**History of Education...3 credits
**Elementary Education...3
**Child study ....................3
Design ............................1
Serving ............................1
Dressmaking ....................1
Millinery and Needlework ................1
Home Nursing, Invalid diet, Care of Children and Infant Diet.2
Theory of Teaching, D. A ........1
Practice Teaching, D. A... 
Physical Training ........... 

FOUR YEAR COURSE

Leading to Degree of Bachelor of Science (Home Economics)

FOODS AND NUTRITION GROUP

Freshman and Sophomore years same as first and second years of the two year course.

JUNIOR YEAR

First Semester

*Economics ..............3 credits
*Organic Chemistry ....3
*Social Statistics and Social Welfare ....3
Microbiology ..............1
Advanced Foods and Cookery ..........2
Electives ....................2

Second Semester

*Economics ..............3 credits
*Organic Chemistry ....3
*Social Statistics and Social Welfare ....3
Dietetics ..............2
Sex Hygiene ..............1
Electives ....................3

* Given in the College of Arts and Sciences.
** Given in the Teachers College.
SCHOOL OF MANUAL ARTS

SENIOR YEAR

First Semester
Advanced Serving ..........2 credits
Chemistry of Textiles.... 2 "
Home Management ......1 "
History of Cookery ......1 "
Demonstration Cookery ..1 "
Marketing and Accounts.1 "
Topical Work ............1 "
Electives ...................6 "
Practice-Teaching .......

Second Semester
Institutional Cookery....2 credits
Advanced Laundry Work.1 "
Chemistry of Foods ......2 "
Institutional Management.2 "
Experimental Cookery ..1 "
Topical Work (Prep.)..1 "
Electives ...................6 "
Practice-Teaching .......

CLOTHING AND TEXTILES GROUP

Freshman and Sophomore years same as first and second years of the two year course.

JUNIOR YEAR

First Semester
*Economics ...............3 credits
*Organic Chemistry ......3 "
*Social Statistics and Social Welfare ........3 "
Dressmaking and Tailoring ..........3 "
Microbiology .............1 "
Advanced Needlework,
Crocheting and Knitting ..........2 "

Second Semester
*Economics ...............3 credits
*Organic Chemistry ......3 "
*Social Statistics and Social Welfare ........3 "
Dressmaking and Tailoring ..........3 "
History of Costume Design ........1 "
Manufacture and Selection of Clothing ......2 "

* Given in the College of Arts and Sciences.
## DESCRIPTION OF COURSES

### HOME ECONOMICS

**Domestic Science I.**

This course includes a study of the body, its composition, its demands, the need for obedience to natural laws, means of heeding these laws through the careful selection, preparation and serving of foods and through general hygienic living, the acquaintance with and care of a model household equipment, the economic use of materials, of time, and of energy.

**Domestic Science II.**

This course covers acquaintance with the house in general: its equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first aid in emergencies; the classification of foods, principles underlying the cookery and use of proteins, carbohydrates and fats; combining foods; menu-making and preparation of meals; prevention of waste; reducing the cost of food; the purchasing, storage and preservation of foods.

### SENIOR YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Weaving ...................................</td>
<td>General Weaving ...................................</td>
</tr>
<tr>
<td>Tailoring and Tailoring</td>
<td>Tailoring and Tailoring</td>
</tr>
<tr>
<td>Demonstration ...................................</td>
<td>Demonstration ...................................</td>
</tr>
<tr>
<td>Millinery ................................</td>
<td>Millinery ................................</td>
</tr>
<tr>
<td>Chemistry of Textiles ................................</td>
<td>Home Decoration and Management .......................</td>
</tr>
<tr>
<td>Household Economics ................................</td>
<td>Textiles Fabrics ................................</td>
</tr>
<tr>
<td>Embroidery and Knitting ...........................</td>
<td>Advanced Costume Design ................................</td>
</tr>
<tr>
<td>Drafting and Dress Design ..........................</td>
<td>Advanced Embroidery, crocheting and Knitting .......</td>
</tr>
<tr>
<td>Electives ..........................................</td>
<td>Household Crafts ...................................</td>
</tr>
<tr>
<td>Practice Teaching (Advanced) ........................</td>
<td>Electives ..........................................</td>
</tr>
<tr>
<td></td>
<td>Practice Teaching (Advanced) ........................</td>
</tr>
</tbody>
</table>

*credits*
Courses I and II are especially designed to meet the requirements of students in the Academy, and require two hours each week throughout the year.

Parallel courses recommended are Elementary Chemistry, Biology, Physiology and Physics.

FOODS AND COOKERY.

This is a broad, strong foundation course, whose purpose is to give a general acquaintance, on a scientific basis, with the principles underlying the preparation of foods and the technique involved. The course includes a study of the selection, preparation and use of foods; tests of laws regulating food sanitation, weights and measures, fuels, utensils and apparatus. It demands a minimum of four laboratory hours per week and is required of all candidates for Home Economics degrees, diplomas and certificates. Texts: Synder's *Human Foods*.

MENUS AND DIETARIES.

A study of the food principles and their combination with reference to the requirements of age, sex, occupation, physical and physiological conditions, climate surroundings, esthetics; planning suitable food for individuals and groups, for all conditions and occasions; regulating the cost of food; economy of time, labor, expense. This course will also offer special training for all who wish to become Dietetians and will provide practice work as well. Lecture, laboratory, and quiz. Two hours a week required for those to become trained Dietetians; for all others, one hour a week.

INVALID COOKERY.

On the foundation of Foods and Cookery, this course covers the preparation and service of food for the sick and convalescent, particularly in the home. Lectures in general home-nursing and demonstrations covering first aid in emergencies, alternate with the laboratory work. Two hours weekly.

DEMONSTRATION COOKERY.

The aim of this course is to give students the sort of practical experience that develops certainty and ease of method for the class-room, lecture platform, or other demonstration work. Careful choice of subject, arrangement of material and equipment, general appearance and
other psychological phases of domestic science teaching are noted. Two hours per week. Required of all candidates for degrees.

**Institutional Cookery.**

This course considers the handling of material in large quantities, as in preparing meals for boarding schools, hospitals, etc. The school lunch problem is here considered, with practice training.

**Experimental Cookery.**

This is an advanced course in the preparation of foods and includes a careful comparative study of materials and processes and the development of satisfactory recipes and methods therefrom. Prerequisite. Foods and Cookery. Two hours weekly.

**Serving.**

This course aims to train women to be efficient, practical workers in the home. In the first course, it covers table-laying, laundering of linen, suitable dress, serving of breakfast, luncheon, five o'clock tea, and dinner; preparation of beverages, salads and desserts; care of dining room, tables, candelabra, silver, and china.

**Laundry.**

Treatment of hard water; choice of starch, bluing and soap; removal of stains; cleaning of laces and colored embroideries; laundering of bed and body linen, shirts, collars, flannels and table linen.

**Food Production and Manufacture.**

The purpose of this course is to acquaint students with the sources of foods and of the processes involved in preparing them for the consumer. It covers a study of farm products of all climes, of live stock, butchering and dairying; of the manufacture of animal and vegetable products and their preservation and adulteration. Lecture and reading course.

**Nutrition.**

A lecture course involving a study of the food principles and their digestion, absorption, and assimilation in the healthy body; a consideration of the kinds and amount of food required; dietary standards; the calorimeter.
SCHOOL OF MANUAL ARTS

SHELTER.

The house—history of its development; its foundation, architectural style, plan, convenience, sanitary condition, equipment, care, administration. Lecture and reading course.

ELEMENTARY FOOD CHEMISTRY.

This course covers a series of lectures and of about seventy experiments in which food principles are isolated from market products, and both household and laboratory tests (chiefly qualitative) applied. A few of the topics are: water, milk, eggs, flour, baking powders, fats, and oils; characteristic reactions of foodstuffs.

THEORY OF TEACHING DOMESTIC SCIENCE.

PRACTICE TEACHING.

THE HISTORY OF COOKERY.

PRACTICE TEACHING (ADVANCED).

CARE OF CHILDREN AND INFANT DIET.

APPLIED BIOLOGY.

This course aims to select from the fields of Botany, Zoology, and Human Physiology, the essential materials and facts which may find application in the daily life of the average intelligent citizen. Biology as applied to food, to clothing, to agriculture and to health and disease will be emphasized. Four hours (two double periods) per week throughout the year. Bigelow’s Applied Biology will be used as a guide.

ECONOMIC MICROBIOLOGY.

This course is designed to give the pupil a larger acquaintance with structure, life history, and economic importance of micro-organisms which affect our daily lives, such as bacteria, yeasts, moulds and other fungi of the home and home environment. It will consider the relation of micro-organisms to the industries of vinegar-making, dairying, agriculture, preservation of food, as well as the problems of health and disease.

One double period for one semester. Buchanan’s Household Bacteriology will be used as a text.

PHYSIOLOGY AND HYGIENE.

See description under Teachers College.
Sex Hygiene.

This course deals with the origin, meaning, and evolution of sex in organic life. Plant material will be used for illustration. It will also give the pupil the correct attitude towards such present day problems as Eugenics, Social Hygiene, and Infant Mortality.

Offered to Seniors who have taken Applied Biology or its equivalent. Lectures and assigned readings, one hour per week for one semester.

Plain Sewing.

Instruction in simple needle-work; stitches and their uses; care of the sewing machine and the attachments; the making of underwear, and the study, as to suitability, cost and durability, of textiles appropriate for this purpose. For recreation and to awaken artistic interest, basketry and the elements of embroidery are taught in intervals between the making of required garments. Two hours per week. This course is required of Juniors in the Academy, and is open to other persons without a knowledge of sewing.

Plain Sewing II.

A continuation of Course I, which covers the planning, cutting, fitting, making and trimming of simple unlined outer garments from patterns and drafts. A short course in millinery furnishes the desired variety here. Textile study is continued, and color combination taught. Two hours per week required of students of the Academy Sub-Middle Class.

Machine Sewing and Elementary Dressmaking.

This course covers the designing and making (from bought and drafted patterns) of all kinds of undergarments, shirtwaist—suits of cotton and linen goods, unlined dresses of wash-goods, soft wool and silk, with a careful selection of the material chosen and the combination for trimming. Required of all candidates for certificates and open to other persons who can present evidence of ability to do the required work. Three hours per week throughout the year.

Model Work.

This includes a course in the making of models of the various steps in sewing, to be preserved as illustration material for teaching. One hour per week, first semester.
ART NEEDLEWORK.

Embroidery and drawn work; application of ornamental stitches to articles of personal and household use; the ornamentation of gowns, and their accessories; marking household linens; crocheting and knitting in wool, cotton, linen, and silk thread; the study of webs and laces, and the copying of certain approved designs. Two hours per week.

BASKETRY AND WEAVING.

This course consists of the making of rattan, reed, rush, rafia, sweet grass, and splint baskets; study of materials used; rug weaving, etc. Two hours per week.

HISTORY AND CHEMISTRY OF TEXTILES.

The study of fabrics with their origin and development through art and industries of primitive people; study of spinning, weaving, modern methods of manufacture, dyeing, testing fibres, durability, comparative costs, uses. Two hours per week, first semester.

DRAFTING AND PATTERN MAKING.

This course includes practice in taking measurements, drafting, draping, and making of patterns. Through it the students learn form of the body and the way patterns are made. The alteration of any pattern so as to conform it to different figures or to changing styles. Two hours per week, second semester.

ADVANCED DRESSMAKING.

The making of lingerie and silk waists and lined evening dresses from original designs and drafts. Four hours per week, first semester.

TAILORING AND TAILORING DEMONSTRATION.

The making of tailored dresses and suits. This course also provides an opportunity for the student to present publicly problems in tailoring. Four hours per week.

MILLINERY.

This course includes the making and covering of wire and buckram frames; the choice and combination of colors; the preparation of trimmings; renovating of material; trimming and finishing of hats; flower making, etc. Two hours per week.
History of Costume Design.

Study of historic costume, and its relation to modern dress standards of beauty; of practicability.

Costume Design.

A study of line, proportion, form and color in gowns, and their relation to individuals; considerations of cost and appropriateness.

Drawing.

The purpose of this course is to enable students to see objects in their right proportions. Pencil drawings of fruits, vegetables, and household furnishings and diagrams for stenciling are required. Two hours per week, first semester.

Topical Work.

Assigned topics for reading, conferences and reports. Special Home Economics problems will be assigned for research work.

Design.

The course offers thorough training in the study of form, color ornament, historic art, principles of design and composition and technical methods in applied design. It insures a broad foundation of art culture and skill that shall enable students to make practical use of their training in different branches of design, including interior decoration, furniture designing, stained glass, wall papers, carpets, draperies, book covers, household objects and dress.

Theory of Teaching Domestic Art.

A course of lectures and recitations.

Practice Teaching.

This experience is obtained in the Academy classes of the University.
All students in the Junior and Sub-Middle years of the Academy are required by the trustees to give four hours each week to Manual Training, not however, for the purpose of learning a trade, but for its value in a general education. For boys, two hours are devoted to Drawing, and two hours to Woodworking, or Printing. For girls, two hours are given in Domestic Science and two in Domestic Art.

**Printing.**

The University Printing Office is maintained on a modern basis and provides an excellent training school for those who wish to learn printing as a profession. The printing business is one of the oldest and best industries in the country; from the days of Benjamin Franklin down to the present it has been an industry, the progress and development of which have meant much to the growth of our nation. Skilful workmen are absolutely necessary in the modern printing office. The exacting demand of the public for a continually higher grade of work makes it necessary that not only the mechanical equipment of our establishments must be of the best but that the workmen themselves be carefully trained in the work to be performed.

This demand for expert workmen has very naturally compelled employing printers to give greater heed to the training of the apprentice.

It is a certainty that a trade school properly equipped and under the personal guidance of a competent instructor will lay a better foundation for the future workman and do it in a much shorter time than can be accomplished in any other way.

This purpose is realized by a general and basic instruction in those things which each year it is becoming more difficult for an apprentice to obtain in the restricted and specialized conditions of the modern workshop. The course of study includes:

**Printing I.**

The study of type, including Roman and Display types of various styles; its composition, features and value. General study of the principles and methods of materials and their usage. Actual work in straight composition.

**Printing II.**

Commercial and advertising composition, platen press work and the study of machinery pertaining to printing. This course is designed with the idea of aiding students who are desirous of furthering their
knowledge in printing toward taking up the work as a profession. It is a combination of theoretical and practical instruction.

Printing III.

Book composition, stone work and cylinder press work; cost system and study of paper. This is an advanced course, designed principally for students who have passed courses I and II.

The School is supplied with platen presses, Golding "Jobber No. 9," Chandler and Price press, and an Optimus press, and Acme Power Cutter, Roman and Display types of various styles, leads, brass rules, borders, initial letters, typographical ornaments, stitchers, folders and the customary furniture, material and tools of a modern printing office, selected with special reference to the requirements.

ENGINEERING

The study of Engineering opens to those who pursue it, the widest fields of industry and enterprise known to the modern world; its influence reaches far out in many directions, contributing to the welfare of the community, not only along purely technical lines, but also in a large number of the great industrial fields and in the public service of the country. It is a profession of help, of service and of betterment.

To the young man of mechanical or mathematical turn of mind, engineering is a profession full of opportunities and possibilities, both from a standpoint of financial benefit and racial service.

GENERAL INFORMATION.

The work for the Freshman year is the same for all engineering courses. Three hours of laboratory, drafting or field work count as one hour of lecture or recitation work. A fee of $2.00 to cover cost of material is charged each student taking laboratory or drafting courses in Engineering, each student supplies his own drafting instruments, including triangles, Tee squares, curves, protractors, pencils, erasers, thumb tacks, ink, etc. Drawing boards are loaned to the student. Drawing paper is furnished by the University. A deposit of $2.00 for the safe return of locker keys, drawing boards and other apparatus loaned by the department, is required of all students in Engineering. This deposit will be refunded at the end of the school year if the apparatus is returned in good condition. As an effort is made to have the student secure such text-books and instruments as will be of use to him later in professional life, the cost of these books
and instruments will be somewhat high, and the student should come prepared to meet this extra expense. The approximate cost of books and instruments will be about $25.00 a year. For further information regarding these courses, address H. D. Hatfield, Director, Manual Arts and Applied Sciences.

**Degree**

The Department of Engineering offers courses in Civil, Mechanical and Electrical Engineering. Students completing the above courses will receive the degree of Bachelor of Science in Civil Engineering, Bachelor of Science in Mechanical Engineering and Bachelor of Science in Electrical Engineering, respectively. Upon the completion of two years of subsequent graduate studies, consisting of prescribed courses and research work, approved by the Faculty, in Civil, Mechanical and Electrical Engineering the degree of Civil Engineer, Mechanical Engineer and Electrical Engineer, respectively, will be conferred.

**Equipment**

The new Manual Arts and Applied Science Building contains on the third floor the Engineering lecture rooms; the Materials and Hydraulic laboratories, and two large general drafting rooms in the basement.

The Materials laboratory is fully equipped with modern apparatus for commercial testing, and comprises, in part a 100,000 lb. motor driven Riehle testing machine, for extension compression, traverse and shearing tests; a Riehle cement tester; cement and sand sieves; balances, apparatus for viscosity and specific gravity determinations, moulds for briquette work, tanks, accelerators, drying ovens, etc. An Emerson fuel calorimeter for testing the calorific values of fuels; a Standard Gauge tester; Crosby steam indicators, etc.

The Hydraulic laboratory is most complete; the apparatus has been newly installed and furnishes facilities for running tests on centrifugal, triplex and duplex pumps, hydraulic ejectors, hydraulic rams, the calibration of weirs, venturi meters, orifices, flow of water in pipe, flow through nozzles, etc. The Civil Engineering Equipment is modern in every respect, and includes transits, plane tables, levels, compasses, sextants, planimeters, slide rules, blue print frames, steel tapes, aneroid barometers, leveling rods, range poles, etc.

The Electrical Laboratories situated in the basement and on the second floor of Science Hall comprises workshops, a storage battery room, photometer room and a large well lighted dynamo room.
equipment includes, standards of resistance, inductance and capacity; galvanometers of various types, potentiometers and electro-dynamometers, Thompson's electrostatic voltmeter and electric balances, secometers, magnetometers, wheatstone and slide-wire bridges, a large assortment of voltmeters, ammeters and wattmeters for measurements of direct and alternating current circuits. These instruments have been purchased from various manufacturers in order that the student may have the advantage of working with these different commercial types. One of the latest types of Watt-hour meters for use in dwellings has been added, this is a General Electric G Type I-14 meter, and is fitted with a glass cover for inspection while in operation. In the dynamo room, a 10 K. W. Rotary converter, which runs on 220 volts, direct current, furnishing 220 volts, 3 phase alternating current for use in the laboratories has been installed; a General Electric G, Standard Switch-Board Panel for control and distribution of direct and alternating current for use with the converter and also for a modern compound wound interpole 10 H. P., direct current, 220 volt motor.

The motor equipment consists further of one Westinghouse 10 H. P. 220 volt Induction motor, two General Electric Co. 5 H. P., 220 volt Induction motors, and two 110 volt D. C. machines, which are not rated, but are used for experimental purposes in Electrical Design. The students from time to time change the windings according to calculations made by them; thus affording an opportunity for testing the practicality of their designs.

Transformers of the commercial type, from several leading manufacturers are installed for general testing and instruction purposes.

Arc lamps of the D. C. and A. C. type are also installed for study purposes and for use on constant potential and constant current circuits.

A large commercial testing bench is being wired up by the students. This will afford means of testing small motors and generators up to two H. P. and will be equipped with all the latest methods of regulating the supply voltage and current. Instrument outlets and switches are also to be provided as is also the latest method of suspending the rheostats, etc.

A storage battery of 55 cells, furnishing 110 volts D. C., is installed, and is kept in operation by the students. This set is used where a non-fluctuating current is needed for delicate tests.

The large, modern power plant of the University furnishes facilities for commercial testing, such as would be met with in actual practice.
SCHOOL OF MANUAL ARTS

OUTLINE OF COURSES

CIVIL ENGINEERING

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>*Mathematics I (a) ..........3 hours</td>
<td>*Mathematics II (a) ..........3 hours</td>
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<tr>
<td>*Mathematics I (b) .......... “</td>
<td>*Mathematics II (b) .......... “</td>
</tr>
<tr>
<td>*Physics I .................3 “</td>
<td>*Physics I .................3 “</td>
</tr>
<tr>
<td>*French II or German II ..3 “</td>
<td>*French II or German II ..3 “</td>
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<tr>
<td>*English I .................3 “</td>
<td>*English I .................3 “</td>
</tr>
<tr>
<td>Mechanical Drawing I ......5 “</td>
<td>Descriptive Geometry ......3 “</td>
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<tr>
<td>Physical Training ..........</td>
<td>Physical Training ..........</td>
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<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>*Mathematics III (a) ......6 hours</td>
<td>*Mathematics III (b) ......6 hours</td>
</tr>
<tr>
<td>*Physics II ............3 “</td>
<td>*Physics II ............3 “</td>
</tr>
<tr>
<td>*Chemistry I ............3 “</td>
<td>*Chemistry I ............3 “</td>
</tr>
<tr>
<td>*Astronomy I ............3 “</td>
<td>Topographical Drawing ......3 “</td>
</tr>
<tr>
<td>Elementary Surveying ......3 “</td>
<td>Advanced Surveying ......3 “</td>
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<tr>
<td>Physical Training ..........</td>
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SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>Railroads ..........3 hours</td>
<td>Railroads ..........3 hours</td>
</tr>
<tr>
<td>Mechanics of Engineering ..5 “</td>
<td>Mechanics of Engineering ..5 “</td>
</tr>
<tr>
<td>Hydraulics ..........4 “</td>
<td>Materials of Construction ..4 “</td>
</tr>
<tr>
<td>*Geology ..........3 “</td>
<td>Sanitary Engineering ......3 “</td>
</tr>
<tr>
<td>Heat Power Engineering ..3 “</td>
<td>Roads and Pavements ......3 “</td>
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<tr>
<td>Physical Training ..........</td>
<td>Physical Training ..........</td>
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JUNIOR YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>Bridge Stresses .........3 hours</td>
<td>Bridge Design ..........3 hours</td>
</tr>
<tr>
<td>Structural Details ........2 “</td>
<td>Engineering Laboratory ..2 “</td>
</tr>
<tr>
<td>Water Supply ..........4 “</td>
<td>Irrigation Engineering ......4 “</td>
</tr>
<tr>
<td>Direct Current Machinery ..4 “</td>
<td>Concrete Construction ......4 “</td>
</tr>
<tr>
<td>*Commercial Law ..........3 “</td>
<td>*Commercial Law ..........3 “</td>
</tr>
<tr>
<td>Water Power Engineering ..2 “</td>
<td>Water Power Engineering ..2 “</td>
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SENIOR YEAR

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<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>Bridge Stresses .........3 hours</td>
<td>Bridge Design ..........3 hours</td>
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<tr>
<td>Structural Details ........2 “</td>
<td>Engineering Laboratory ..2 “</td>
</tr>
<tr>
<td>Water Supply ..........4 “</td>
<td>Irrigation Engineering ......4 “</td>
</tr>
<tr>
<td>Direct Current Machinery ..4 “</td>
<td>Concrete Construction ......4 “</td>
</tr>
<tr>
<td>*Commercial Law ..........3 “</td>
<td>*Commercial Law ..........3 “</td>
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<tr>
<td>Water Power Engineering ..2 “</td>
<td>Water Power Engineering ..2 “</td>
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* Given in the College of Arts and Sciences.
Howard University  
Mechanical Engineering  
Freshman year same as for Civil Engineering.

**Sophomore**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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</table>
| *Mathematics III (a) ..................................| *Mathematics III (a) ..................................
| *Physics II ...........................................| *Physics II ...........................................
| Mechanical Drawing II ..................................| Mechanical Drawing II .................................. |
| Mechanism ..............................................| Mechanism and Valve Gears ................................|
| Forging ..................................................| Foundry ..................................................
| *Chemistry I ............................................| *Chemistry I ............................................|
| Physical Training ......................................| Physical Training ......................................|

**Junior Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>Mechanics of Engineering ................................</td>
<td>Mechanics of Engineering ................................</td>
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<tr>
<td>Heat Power Engineering ..................................</td>
<td>Heat Power Engineering ..................................</td>
</tr>
<tr>
<td>Machine Design ..........................................</td>
<td>Machine Design ..........................................</td>
</tr>
<tr>
<td>Hydraulics ................................................</td>
<td>Materials of Construction ................................</td>
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<tr>
<td>Pattern Making ...........................................</td>
<td>Engineering Laboratory ..................................</td>
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<tr>
<td>Machine Shop ............................................</td>
<td>Machine Shop ............................................</td>
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**Senior Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>Direct Current Machinery ................................</td>
<td>Alternating Current Theory ................................</td>
</tr>
<tr>
<td>Heating and Ventilating Buildings .......................</td>
<td>Engineering Design ......................................</td>
</tr>
<tr>
<td>Engineering Laboratory ...................................</td>
<td>Engineering Laboratory ...................................</td>
</tr>
<tr>
<td>Elementary Surveying .....................................</td>
<td>Advanced Surveying .....................................</td>
</tr>
<tr>
<td>*Commercial Law .........................................</td>
<td>*Commercial Law .........................................</td>
</tr>
<tr>
<td>Steel Buildings ...........................................</td>
<td>Industrial Management ...................................</td>
</tr>
</tbody>
</table>

*Given in the College of Arts and Sciences.*
### Electrical Engineering

Freshman year same as for Civil Engineering.

#### Sophomore Year

**First Semester**

- Mathematics III (b) ... 6 hours
- Physics II ... 3
- Mechanical Drawing II ... 3
- Mechanism ... 3
- Forging ... 1
- *Chemistry I ... 3

- Physical Training

**Second Semester**

- Mathematics III (a) ... 6 hours
- *Physics II ... 3
- Mechanical Drawing II ... 3
- Mechanism and Valve
- Forging
- *Chemistry I ... 3

- Physical Training

#### Junior Year

**First Semester**

- Direct Current Machinery ... 4 hours
- E. E. Laboratory ... 2
- Mechanics of Engineering ... 5
- Machine Design ... 3
- Pattern Making ... 2
- Hydraulics ... 4

**Second Semester**

- Alternating Current Theory ... 4 hours
- E. E. Laboratory ... 2
- Mechanics of Engineering ... 5
- Machine Design ... 3
- Machine Shop ... 2
- Engineering Laboratory ... 2

#### Senior Year

**First Semester**

- A. C. Machinery ... 4 hours
- E. E. Design ... 2
- E. E. Laboratory ... 2
- General Electrical Engineering ... 3
- Heat Power Engineering ... 3
- Inspection Visits and Reports ... 1
- Electric Wiring of Buildings ... 2

**Second Semester**

- A. C. Machinery ... 4 hours
- E. E. Design ... 2
- E. E. Laboratory ... 2
- General Electrical Engineering ... 3
- Heat Power Engineering ... 3
- Materials of Construction ... 4

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*Given in the College of Arts and Sciences.*
DEPARTMENT OF CIVIL ENGINEERING

MECHANICAL DRAWING I.

Freshmen: First term, credit three hours. One lecture-recitation period and six hours of drawing a week. Use of instruments; drawing of geometric figures in isometric, cabinet and orthographic projection; shading, development of surfaces and elementary perspective. Considerable attention is given to lettering.

DESCRIPTIVE GEOMETRY.

Freshmen: Second term, credit three hours. Nine hours of drawing a week. This course covers the orthographic projection of points, lines, warped surfaces, etc., in the four angles of projections. Care is exercised to train the student to handle the figures in space rather than on the drawing, at the same time securing correct execution of the drawing.

ELEMENTARY SURVEYING.

Sophomores: First term, credit three hours. Instruction is given in the theory of surveying, and in the theory and use and adjustment of the compass, level, transit, plane table and sextant. The field work includes pacing and chaining surveys; compass and transit traverses; measurement of angles by repetition; differential, profile, and contour levelling; traverses with the plane table, etc. Maps and reports are required.

ADVANCED SURVEYING.

Sophomores: Second term, credit three hours. Prerequisite, Elementary Surveying. City, topographic hydrographic, mine, and geodetic, surveying, and field astronomy. Precise measurements; surveys of the United States Public Lands; soundings and stream measurements; subterranean surveys; measurements of volumes; triangulation; base lines; precise levelling; field determinations of azimuth, time and latitude.

TOPOGRAPHICAL DRAWING.

Sophomores: Second term, credit three hours. Prerequisite, Mechanical Drawing I and Descriptive Geometry, Detail and dimension drawing, which includes tracing of typical dimension drawings, and
making detail drawing from sketches, models, etc. Topographical signs, which includes practice in the different kinds of standard topographic signs for mapping. Lettering, which includes a study of and practice in different styles of letters, and their combination into appropriate titles.

Railroads.

Juniors: Throughout the year, credit for three hours a term. Prerequisite, Elementary and Advanced Surveying, Recitation and field work in simple curves, transition curves, earthwork, switches, frogs, etc. Recitations on track, rolling stock, economics of railroad location, etc.

Mechanics of Engineering.

Juniors: Throughout the year, credit five hours a term. Prerequisites, Differential and Integral Calculus. Theoretical and Applied Mechanics, including statics, kinetics, and mechanics of materials; resolutions, composition and equilibrium of forces; statics of rigid bodies, cords and structures; center of gravity and moment of inertia; velocities and accelerations; Newton's Laws; fundamental equations for motion; rectilinear and curvilinear motion of a particle and of rigid bodies; motion diagrams; work, energy and power, with applications to machines; impacts; friction; graphical statics of structures and mechanisms; stress and strain; strength and elastic properties of material in tension, compression and shearing, torsion; bending moments, safe loading, deflection, and resilience in simple and continuous beams; non-prismatic beams; combined bending and torsion; eccentric loading; curved bars and hooks; columns; problems showing application of principles of mechanics in engineering design.

Materials of Construction.

Juniors: First term, credit four hours. Two recitations and two laboratory periods a week. To be taken with or after Mechanics of Engineering. The materials studied are: lime, cement, stone, brick, sand, timber, ores, cast iron, wrought iron, steel, and some of the minor metals and alloys. The chemical and physical properties, uses, methods of manufacture, methods of testing, and unit stresses of each material are considered, particular stress being laid on those points of importance to the engineer. The laboratory work consists of experimental determination of the properties of the materials studied in the class room.
Roads and Pavements.

Juniors: First term, credit two hours. Prerequisite, Elementary Surveying. Work consists of an examination of the prevailing methods of construction and maintenance of roads and pavements.

Sanitary Engineering.

Second term, credit three hours. To be taken with or after Hydraulics. The design and construction of sewerage systems, including separate and combined systems; surveys and plans; determination of size and capacity; construction; and modern methods of sewage disposal.

Hydraulics.

Juniors: Second term, credit four hours. Prerequisite, Physics 2. A study of the weight and pressure of water; head; center of pressure; velocity and discharge through orifices, tubes, nozzles, pipes, hose, weirs, conduits, canals, and rivers; meters and measurements; motors, turbines, and water wheels; water power.

Bridge Stresses.

Seniors: First term, credit three hours. Prerequisite, Mechanics of Engineering. Stresses due to dead, live, and wind loads, initial tension, and impact; panel loads and locomotive axle loads; determination of the position of live loading for greatest stresses; maximum and minimum stresses. Both analytic and graphic methods are used. The principal types of simple trusses employed in modern construction are considered, in many cases, both with and without counter-balancing. The solution of many numerical problems forms a prominent part of the class work. Each student is required to compute all the stresses in the main trusses and lateral bracing for a Pratt truss railroad bridge, which is to be designed subsequently.

Structural Details.

Seniors: First term, credit two hours. Six hours of computation and drawing a week. Prerequisite, Mechanics of Engineering. The work includes complete detail designs and working drawings of wooden joints to resist large tensile stresses, and of a wooden roof truss for given specifications. The object of the course is to show how to apply the principles of mechanics to the design of every detail of the simple
structure named, and to study the forms and strength of joints and fastenings used in heavy framing. The computations required are to be arranged in systematic order in the form of reports.

**Bridge Design.**

Seniors: Second term, credit four hours. Prerequisite, Bridge Stresses. Computations and drawings for the complete design of a riveted railroad bridge of six or seven panels, the stresses for which were computed in connection with the course of Bridge Stresses. The Computations to determine the section of all members and of pin plates, splices, and other details as well as of connecting rivets, are to be written up in the form of systematically arranged reports. The drawings consist of general detail plans showing the location of all rivets as well as the composition and relation of all members and connections. The final report is to give a full list of shapes and plates, and a classified analysis of weight for the span.

**Water Supply.**

Seniors: First term, credit four hours. Three recitations and one computing period per week. Prerequisites, Hydraulics and Sanitary Engineering. The work consists of a study of the preliminary investigations for determining the available supply of water from a drainage basin, methods of stream gauging, ground water resources, etc. The work also includes methods of development, structures, and working conditions, fire protection, and pumping. Several extensive problems are worked.

**Irrigation Engineering.**

Seniors: Second term, credit four hours. Two recitations and two computing periods a week. Prerequisite, Water Supply. The course is largely devoted to a study of the storage and conveyance of water, entering into a detailed examination of the methods, and structures used, their design, and construction with special reference to public water supplies; power, irrigation and navigation. The economics of storage, cost of storage, manipulation of storage and pondage are also studied in several extensive problems.
COMMERCIAL LAW.

Seniors: Second term, credit three hours. Development of contract principles; agency, tort, and independent contractor; contracts of association, and of sale and transportation. Preparation of engineering contracts.

Specifications and methods of studying them. Practice in writing and analyzing specifications.

REINFORCED CONCRETE CONSTRUCTION.

Seniors: First term, credit three hours. Prerequisite, Mechanics of Engineering. The course includes the study of the following subjects: Properties of materials; general theory; tests of beams and columns; working stresses and general constructive details; formulae, diagrams and tables; building construction; retaining walls and dams; miscellaneous structures.

DYNAMO ELECTRIC MACHINERY.

See Electrical Engineering.

Electives.

Water Power Engineering.
Steel Buildings.
Higher Structures.
Reinforced Concrete Arch.
Railroad Operation and Management.
Cost Keeping and Management.
Geodesy and Least Squares.
Advanced Mechanics.
Railroad Maintenance of Way.

MECHANICAL ENGINEERING.

MECHANICAL DRAWING II.

Sophomores: Throughout the year, credit three hours a term. Nine hours of drawing a week. Prerequisites, Mechanical Drawing I and Descriptive Geometry. Application of the work of course Mechanical Drawing I to machine details as fixed by practice in the
modern shop. The course is intended to give a general understanding of working drawings of machinery. In addition, some training is given in lettering and in the solution of practical problems supplementary to the course in Mechanism such as problems in belting, design of cams, gear teeth, etc.

Forging.

Sophomores: First term, credit one hour. Three hours of work a week. Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, welding, tool-dressing, tempering, etc. Not given in 1916-1917.

Foundry.

Sophomores: Second term, credit one hour. Three hours of work a week. Instruction is given in the use of moulding machines, making two and three part green sand moulds, and making, baking and setting cores. Castings are made in white metal for practice. Instruction is also given in the casting of iron and steel, foundry appliances and modern methods of production. Not given in 1916-1917.

Mechanism.

Sophomores: Throughout the year, credit three hours a term. Prerequisite Mathematics II (b). Three lecture periods a week on the theory of mechanism, design of gear teeth and the theory and practice of designing valve gears for steam engines. This course is taken with Mechanical Drawing II.

Heat Power Engineering.

Juniors: Throughout the year, credit three hours a term. Prerequisites, Mathematics III, Physics II, and Mechanism. This course consists of lectures and recitations on the principles of thermodynamics, properties of gases, flow of steam through nozzles, pipes, etc. Analysis of the various cycles used in heat engines. In the second semester the application of the principles learned in first semester is shown as applied to steam, internal combustion engines and refrigerating machines.

Machine Design.

Juniors: Throughout the year, credit three hours a term. Nine hours of work a week. Prerequisites, Mechanics of Engineering,
Mechanism and Mechanical Drawing II. Drawing room problems in elementary Machine Design; selection of mechanisms for specified work; determination of driving devices as based on work to be done. Proportioning of detail parts. The complete design of a steam boiler, pump, air compressor, or special automatic machine is taken up in the second term.

**Pattern Making.**

Juniors: First semester, credit two hours. Six hours of work a week. Prerequisites, Forging and Foundry. A graded course in the mechanical processes where the tools are guided principally by hand, including chipping, filing, use of measuring instruments, etc.

**Machine Shop.**

Juniors: Throughout the year, credit two hours a term. Six hours of work a week. Prerequisites, Pattern Making and Foundry. A graded course in the mechanical processes where the tools are guided principally by hand, including chipping, filing, use of measuring instruments, etc.

**Materials of Construction.**

See Civil Engineering.

**Elementary Surveying.**

See Civil Engineering.

**Industrial Management.**

Seniors: Second term, credit three hours. A study of the organization and relations of the various departments of industrial establishments both in the office and in the workshop.

**Direct Current Machinery.**

See Electrical Engineering.

**Steel Buildings.**

See Civil Engineering.

**Hydraulics.**

See Civil Engineering.
ENGINEERING DESIGN.

Seniors: Second semester, credit three hours. Eight hours of drawing and one lecture recitation hour a week. Prerequisites, Machine Design and Heat Power Engineering. The design of specifications of mills, factories, power plants, etc., including foundations, walls, floors, trusses, roof's and construction work in general; selecting and locating boilers and engines, arrangement of steam piping, etc.

ENGINEERING LABORATORY.

Seniors: Throughout the year, credit two hours a term. Prerequisite. Machine Design. This course consists of laboratory work and written reports of steam-gauge tests, heating values of coal, steam quality, measurement of feed water, efficiency tests of steam and gas engines, tests of boilers, etc. The preparation of the reports is considered an important part of the course.

ELECTRICAL ENGINEERING.

DIRECT CURRENT MACHINERY.

Juniors: First term, credit four hours. Prerequisite, Physics II. A study of the fundamental principles of electricity and magnetism and their application to direct-current machinery.

ALTERNATING CURRENT THEORY.

Juniors: Second term, credit four hours. Prerequisites, Direct Current Machinery, and Differential and Integral Calculus. A mathematical and graphical treatment of periodic functions as exemplified in alternating currents, as regards the phenomena of inductance and capacity, etc., singly and in combination.

ALTERNATING CURRENT MACHINERY I.

Seniors: First term, credit three hours. Prerequisite, A. C. Theory. A mathematical and graphical treatment of alternating current phenomena as applied to electrical machinery. All types of apparatus in good practice are taken up and studied.
Electrical Engineering Laboratory I.

Juniors: First term, credit two hours. To be taken with or after Dynamo Electric Machinery. This course is designed to furnish an experimental basis for the theory given in Dynamo Electric Machinery. It consists largely of tests on elementary direct current apparatus.

Machine Design.

See Mechanical Engineering.

Electrical Engineering Laboratory II.

Juniors: Second term, credit two hours. To be taken with or after A. C. Theory. Similar to E. E. Laboratory I in that it furnishes an experimental basis for A. C. Theory. Consists of tests on Alternating Current apparatus with special reference to the effect of inductance and capacity, singly or in combination.

Electrical Engineering Design I.

Seniors: First term, credit three hours. Prerequisite, Dynamo Electric Machinery. This course is designed to give the student practice in the application of the fundamental theory of electricity and magnetism to the calculation and proportioning of electrical machinery. Part of the time is given over to a study of the materials entering into electrical construction.

Electrical Engineering Design II.

Seniors: Second term, credit three hours. A continuation of E. E. Design I.

Electrical Engineering Laboratory III.

Seniors: First term, credit two hours. To be taken with or after A. C. Machinery I. Advanced direct and alternating current testing of generators, motors, transformers, converters, etc., both commercial and for purposes of investigation.

Alternating Current Machinery II.

Seniors: Second term, credit three hours. A continuation of A. C. Machinery I.
Electrical Engineering Laboratory IV.

Seniors: Second term, credit two hours. A continuation of E. E. Laboratory III.

Telephony and Telegraphy.

Seniors: Elective, second term, credit two hours.

General Electrical Engineering I.

Seniors: First term, credit three hours. Prerequisite, A. C. Theory. A course covering the engineering and economic phases of the more special branches of Electrical Engineering, as electric traction, electric transmission of power, etc.

General Electrical Engineering II.

Seniors: Second term, credit three hours. A continuation of General Electrical Engineering I.

Electric Wiring of Buildings.

Seniors: First term, credit one hour. Prerequisites, Dynamo Electric Machinery and A. C. Theory. A course covering a study of the standard methods and materials used in the wiring of buildings, etc. Samples of electrical fittings, etc., are exhibited in the laboratory, where they may be examined by the student. Whenever possible, students are given a chance to get some practical experience by doing the actual work under proper supervision.

Inspection Visits and Reports.

Seniors: Elective, second term, credit one hour. Frequent visits and inspections are made to the various plants, both electrical and mechanical, in this vicinity.
CONSERVATORY OF MUSIC

FACULTY

STEPHEN MORRELL NEWMAN, D. D., President.

LULU VERE CHILDERS, Mus. B., Director, Professor of Singing.
Conservatory of Music—Oberlin, Ohio.
Sydney Lloyd Wrightson—Washington College of Music.
H. S. Deverse of Chicago Musical College.

ROY WILFRED TIBBS, Mus. B., Professor of Piano and Organ.
Conservatory of Music—Oberlin, Ohio.
Department of Music—Fisk University—Nashville, Tennessee.

CHARLOTTE BEATRICE LEWIS, Instructor in History of Music and Pianoforte.
New England Conservatory of Music.

JOSEPH HARRISON, Instructor in Violin.
Student of the Peabody Conservatory of Music.
Formerly with the Washington Symphony Orchestra.

GRACE ADELAIDE BROWN, Assistant in Harmony.

No student of music should go out into the world without having a thorough knowledge of great literature and of modern languages. The expressions of the spirit of man in music, art and literature are so related in themes as to make it necessary for students to be trained in all these subjects. Hence the advantage to music students of being in a great university. The aim of the Conservatory of Music of Howard University is to train musicians with a breadth of liberal culture which cannot be found under most private studio teachers of music.

The finest teachers will be added to the Faculty as the increase of students and courses may make necessary.
ADMISSION

All persons, from beginners up to advanced students, will be admitted. The lower students are earnestly advised not to fail to combine certain literary courses with their work in music.

Before students can be admitted to courses leading to degrees they must have completed a four years' high school course or its equivalent, thus meeting the requirements for admission to college. It is necessary for the successful study of music that the above requirement be enforced.

VOCAL COURSES

LULU V. CHILDERS, MUS. B.

In voice building we adopt the best features of all methods. Good breath control and correct placing of tone are the leading features of technical drill. Two terms in the history of Music, in addition to the prescribed course in piano, will be required.


Second Year: Exercises in breathing, tone production and voice placing continued. Shakespeare Book II—Concone opus 9, vol. 242, 244—Harmony, French and German, Piano.


Fourth Year: English, Italian and French Songs. Oratorio and Opera. Senior Recital.
HOWARD UNIVERSITY

PIANO COURSES
Roy W. Tibbs, Mus. B.
C. Beatrice Lewis, Instructor.

The work is wholly individual. On entering, students are placed in the grade for which they are best fitted. Advancement varies with the pupil, some completing more than one grade during the school year.

The course of study in this department includes:

I. Technical exercises, which are intended to give control of the muscles of fingers, hands and arms, making them responsive to the will.

II. Etudes by the best teachers and composers, which are designed to give further development to the executive powers, to bring about a finer relationship between the physical and intellectual faculties and to form a connecting link between purely technical work and the higher forms of musical expression.

III. Compositions by the best writers, both ancient and modern, ensemble playing, etc., for aesthetic development.

PRACTICE CLAVIER

The Practice Clavier has come to be recognized so generally as an important aid in securing a good technical development, in both piano and organ playing, that we have made ample provision for the use of this instrument, so far as it may be deemed advisable in the case of individual students.

VIOLIN

Joseph Harrison.

In the Violin Course the modern Belgian or French style is taught. The great exponents of this school are Eugene Ysaye and César Thompson. This style is distinguished by grace and elegance of tone and by greater freedom in the use of the bow than was known to the older schools. The essentials of good violin playing are accurate intonation, an expressive and flexible tone, and a command of the art of bowing together with musicianly interpretation.
In the earlier grades the foundation is laid. The student is given simple exercises for the development of finger dexterity and for acquiring the fundamental bowings, scales, and short easy solos to train the interpretative sense. A thorough knowledge of the foundation work having been acquired, the study of the higher positions follows, further development in all the principles of the art keeping pace with the position studies. More advanced technical studies are supplemented by solos, sonatas, and concertos.

Students are trained with the view of their becoming soloists or orchestral players, and opportunities for ensemble work will be extended to them when they have advanced sufficiently.

The following technical studies are used: Wichtl's and Keeley's Methods, Studies by Wohlfahrt, Kayser, Mazas, Kreutzer, Rode, Fiorillo, Gaviniés, scales in two and three octaves with various bowings.

Solo works are used as follows: Seitz's Pupils' Concertos, Pleyel Sonatines, Danclas Airs Varies, Kreutzer's, Rode's, Viotti's and modern concertos, and solo pieces of various grades of difficulty.

THEORY COURSE

Theory 1.

Musical notation, keys, scales, signatures, intervals, the triad. Simple part writing from given basses and sopranos.

Theory 2.

Chords of the seventh. Simple modulations. Harmonizing choral melodies and figured basses. The harmonized scale, various cadences and the simpler modulations played at the piano.

Theory 3.

Harmonizing melodies which modulate. Advanced studies in secondary sevenths. Exercise in modulation at the piano, including transposition of the same into all keys.

Theory 4.

Chromatically altered chords, enharmonic changes, modulation in general. The progressions involved in the written exercises transposed into various keys at the piano.
THEORY 5.

The suspension, retardation, appoggiatura, anticipation and passing tone, embellishment, pedal point, melodic figuration and accompaniment. Bach's figured chorals.

THEORY 6.

Harmonic Analysis. Text-book: Harmonic Analysis by Lehmann. Also a review of harmony at the piano, all the exercises being played instead of written.

HISTORY OF MUSIC

The course covers the period from the beginning of the Christian era to the present, with an introduction on ancient and primitive music.

FOUR YEAR COURSES

It is desirable that Howard University should give definite classification to its highest music courses as early as practicable. The system, grades and credits established at Oberlin Conservatory of Music have therefore been adopted, and are given below for each major study. This puts us upon a level with the best institutions in the United States, and gives our students a fine result to work for. The following tabulated statement shows the studies and credits for a student with a major in voice, piano, organ or violin. The number of hours of daily practice is the least number for which a student may expect to receive passing grades. Each course leads to the degree of Bachelor of Music.

**VOICE**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice—1 hr. dly, pract.</td>
<td>Voice—2 hrs. dly. pract.</td>
</tr>
<tr>
<td>Language Course</td>
<td>Language</td>
</tr>
<tr>
<td>Theory</td>
<td>Theory</td>
</tr>
<tr>
<td>*Electives</td>
<td>*Electives</td>
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<tr>
<th></th>
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<tbody>
<tr>
<td>22 4</td>
<td>4 4 8</td>
</tr>
<tr>
<td>6 6 12</td>
<td>4 4 8</td>
</tr>
<tr>
<td>2 2 4</td>
<td>2 2 4</td>
</tr>
<tr>
<td>3 3 6</td>
<td>3 3 6</td>
</tr>
<tr>
<td>1 1 2</td>
<td>1 1 2</td>
</tr>
</tbody>
</table>

Total: 28

Total: 34
### Third Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice—2 hrs. dly. pract.</td>
<td>4</td>
</tr>
<tr>
<td>Piano—2 hrs. dly. pract.</td>
<td>4</td>
</tr>
<tr>
<td>Language</td>
<td>2</td>
</tr>
<tr>
<td>Theory</td>
<td>3</td>
</tr>
<tr>
<td>Choir &amp; Musical Union, required</td>
<td>1</td>
</tr>
</tbody>
</table>

Total: 28 hours

### Fourth Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice—private lessons</td>
<td>6</td>
</tr>
<tr>
<td>Recital in Major Study</td>
<td>6</td>
</tr>
<tr>
<td>Choir &amp; Musical Union, required</td>
<td>1</td>
</tr>
<tr>
<td>*Electives</td>
<td>4</td>
</tr>
</tbody>
</table>

Total: 30 hours

### First Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano—3 hrs. dly. pract.</td>
<td>6</td>
</tr>
<tr>
<td>2nd Study—Voice, Organ, Violin, etc.</td>
<td>2</td>
</tr>
<tr>
<td>prac.</td>
<td>2</td>
</tr>
<tr>
<td>Theory</td>
<td>3</td>
</tr>
<tr>
<td>*Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 28 hours

### Second Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano—3 hrs. dly. pract.</td>
<td>6</td>
</tr>
<tr>
<td>2nd Study—1 hr. dly.</td>
<td>2</td>
</tr>
<tr>
<td>Theory</td>
<td>3</td>
</tr>
<tr>
<td>History of Music</td>
<td>3</td>
</tr>
<tr>
<td>*Electives</td>
<td>1</td>
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</table>

Total: 30 hours

### Third Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano—3 hrs. dly. pract.</td>
<td>6</td>
</tr>
<tr>
<td>2nd Study—1 hr. dly.</td>
<td>2</td>
</tr>
<tr>
<td>Theory</td>
<td>3</td>
</tr>
<tr>
<td>*Electives</td>
<td>5</td>
</tr>
</tbody>
</table>

Total: 32 hours

### Fourth Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano—private lessons</td>
<td>6</td>
</tr>
<tr>
<td>Recital in major study</td>
<td>6</td>
</tr>
<tr>
<td>*Electives—4 hrs. of this</td>
<td>8</td>
</tr>
<tr>
<td>if desired, a recital in 2nd Study</td>
<td>10</td>
</tr>
</tbody>
</table>

Total: 30 hours

### Total Hours

- **First Year:** 28 hours
- **Second Year:** 30 hours
- **Third Year:** 32 hours
- **Fourth Year:** 30 hours

Total: 120 hours
### Organ

**First Year**
- Organ—1 hr. dly. pract.. 2 2 4
- Piano—3 hrs. dly. pract.. 6 6 12
- Theory ........................ 3 3 6
- *Electives .......................... 3 3 6
- **Total hours** ...................... 28

**Second Year**
- Organ—1-2 hr. dly. pract. 3 3 6
- Piano—3 hrs. dly. pract........ 4 4 8
- Theory ............................ 3 3 6
- History of Music .................. 3 3 6
- *Electives .......................... 1 1 2
- **Total hours** ...................... 32

**Third Year**
- Organ—2 hrs. dly. pract. 4 4 8
- Piano—2 hrs. dly. pract. 4 4 8
- Theory ............................ 3 3 6
- *Electives—preferably instrumentation for 6 hrs. of this 4 4 8
- **Total hours** ...................... 30

**Fourth Year**
- Organ—private lessons 6 6 12
- Recital in Major Study .......... 8
- Theory ............................ 3 3 6
- *Electives—Recital in 2nd Study if desired 2 2 4
- **Total hours** ...................... 30

**Total hours** ...................... 120

### Violin

**First Year**
- Violin—3 hrs. dly. pract. 6 6 12
- Piano—1 hr. dly. pract. 2 2 4
- Theory ............................ 3 3 6
- Prep. Ensemble—2 hrs. a week 1 1 2
- *Electives .......................... 3 3 6
- **Total hours** ...................... 30

**Second Year**
- Violin—private lessons 6 6 12
- Piano—1 hr. dly. pract. 2 2 4
- Theory ............................ 3 3 6
- History of Music .................. 3 3 6
- Ensemble or Orchestra, required 1 1 2
- **Total hours** ...................... 30

**Third Year**
- Violin—private lessons 6 6 12
- Piano—1 hr. dly. pract. 2 2 4
- Theory ............................ 3 3 6
- Orchestra—required 1 1 2
- *Electives .......................... 3 3 6
- **Total hours** ...................... 30

**Fourth Year**
- Violin—private lessons 6 6 12
- Recital in Major Study .......... 8
- Orchestra—required 1 1 2
- *Electives—String quartet a part of this if possible 5 3 8
- **Total** ............................ 30

**Total** ............................ 120
RATES OF TUITION

VOICE
Miss Childers
One lesson per week of thirty minutes .................. $20.00 per year
Two lessons per week of thirty minutes each .......... $40.00 per year

PIANO
Mr. Tibbs
One lesson per week of twenty minutes ................. $20.00 per year
Two lessons per week of twenty minutes each .......... $40.00 per year

Miss Lewis
One lesson per week of thirty minutes .................. $20.00 per year
Two lessons per week of thirty minutes each .......... $40.00 per year

ORGAN
Mr. Tibbs
One lesson per week of twenty minutes ................. $20.00 per year
Two lessons per week of twenty minutes each .......... $40.00 per year

VIOLIN
Mr. Harrison
One lesson per week of thirty minutes .................. $20.00 per year
Two lessons per week of thirty minutes each .......... $40.00 per year

HARMONY
Mr. Tibbs
Class Lessons—two per week .............................. $10.00 per year

HISTORY
Miss Lewis
Class Lessons—two per week .............................. $10.00 per year

EAR TRAINING
Mr. Tibbs
Class Lessons—two per week .............................. $10.00 per year
VOICE, PIANO, AND ORGAN FEES

1 Hour a day per year .................................................. $1.25 per month
2 Hours a day per year ...................................................... $2.50 per month
Music Library fee .............................................................. $1.00 per year

UNIVERSITY MUSICAL ORGANIZATIONS

The University Choral Society:
One hour rehearsal twice a week throughout the year.

The University Glee Club:
One hour rehearsal three times a week throughout the year.

The University Choir:
One rehearsal twice a week throughout the year.

REGULATIONS

I. There will be no deduction for lessons missed by students, except in cases of prolonged illness.

II. Students of the Conservatory of Music are not allowed to take part in public programs or musical organizations without the consent of their teachers and the Director of the Department.

III. All students are expected to attend all of the regular Students' Recitals and Concerts under the Conservatory of Music.

IV. Students who expect to graduate must take sufficient work to occupy their entire time.

V. Students may enter at any time.
LIBRARY SCHOOL

MRS. GRACE HEWETT WATKINS, B. S., Director.

It is the purpose of this school to offer instruction to those who wish to make library work their profession. Not more than ten students can be admitted to the school for the session of 1916-1917 and no one will be admitted to a portion of the programme.

The requirement for admission is graduation from an accredited high school, or an equivalent course of study. The successful completion of the courses named below leads to a certificate. The Library School is under the charge of the Librarian, Mrs. Grace Hewett Watkins, to whom all requests for information should be addressed.

COURSES OF STUDY

JUNIOR YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Class</th>
<th>Hours</th>
<th>Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cataloguing I</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classification, 2nd term</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library Economy I</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Library Practice</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reference I</td>
<td>2</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>English I</td>
<td>3</td>
<td></td>
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<tr>
<td>French I or II</td>
<td>3</td>
<td></td>
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<td>German I or II</td>
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SENIOR YEAR

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<th>Subject</th>
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<td>Cataloguing II</td>
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DESCRIPTION OF COURSES

**Book Selection.** Lectures, book reviews, discussion, and collateral reading. Various problems in the selection of books for libraries are discussed, and typical books are read and criticised. Use of periodicals containing book reviews and other aids to book selection.

**Cataloguing I.** Dictionary cataloguing. Lectures and practice. Cataloguing in the various classes of books found in a general library. Principles of alphabeting and library handwriting.

**Cataloguing II.** Lectures and practice; a continuation of Cataloguing I dealing with the more complex problems of cataloguing and Public Documents.

**Classification I.** Decimal classification and shelf-listing. Lectures and practice.

**Classification II.** Expansive classification.

**Library Economy I.** Preparation of books for the shelves, ordering and accession work.

Charging Systems.

History of library development.

**Library Economy II.** Methods of administration. Work with the blind and clubs. Book binding and rebinding. Traveling libraries.

**Library Practice.** Experience in actual library work in the University library.

**Reference I.** Lectures and reports. Study of the most useful reference books.

**Reference II.** Lectures and recitations. A continuation of Reference I. Study of the more technical works, and problems. A short bibliography is required in this course.
SCHOOL OF THEOLOGY

THE FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President; Lecturer on Bible Literature and Kindred Subjects.

ISAAC CLARK, A. M., D. D.
Dean; Professor of English Exegesis, Biblical Theology, Introduction to Theology, Systematic Theology.

FRANK PORTER WOODBURY, A. M., D. D.
Professor of Homiletics, Pastoral Theology, Religious Psychology, Religious Education.

STERLING NELSON BROWN, A. M., D. D.

DAVIE BUTLER PRATT, A. B., D. D.
Professor of Hebrew and Greek Exegesis, Church History, Missions, Ethics, Sociology.

MONTGOMERY GREGORY, A. B.
Instructor in Elocution.

HISTORICAL

"The Howard Theological Seminary" took its inception from a social conference held November 20, 1866, in which "the plan of a theological seminary, having in view the training of colored men for the ministry," was set forth and the above-mentioned name adopted. Its scope was subsequently broadened, so that the institution became known as The Howard University, chartered in 1867. In the very first year of its history, the trustees authorized the teaching of "students accredited as preachers and others looking forward to that work," and this teaching began forthwith, and was continued till 1871, when the Theological Department was fully organized. It began with twelve students. Now,
1916, including the Evening Institute and its Correspondence Course, its has under instruction 175 students. Through the years the students have come from the various denominations of the colored churches in this and in other countries, and have had a powerful influence, not only in direct Christian service, but also in elevating the standard of the ministry everywhere. As the School of Theology receives no aid from the Government and is inadequately endowed, by its need and its worth it appeals to the charitable for support.

GENERAL STATEMENT

The object of the School of Theology is to prepare young men for efficient service in the Gospel ministry, the aim being to make effective preachers of the Word, wise and helpful pastors of the people, leaders toward a higher spiritual life and a more beneficent service. This is kept constantly in view both in the courses offered, and in the instruction given.

ITS ADVANTAGES

The School of Theology offers special advantages.

1. In its location at the capital of the nation. Washington supplies varied and healthful incitements to intelligent thought, and that large-mindedness so desirable in those who are to be the leaders of the people. The great theological schools are now located in the cities. Here are the people and here are the largest opportunities for culture and development. As a city of hotels and boarding houses, Washington gives opportunity to a large number of students to gain support without neglecting their studies.

2. In its connection with a great university. This enables young men to make up deficiencies or pursue supplementary studies, and to come into pleasant and healthful association with students in other departments. They can thus gain a better mental discipline and a larger outlook on their life and work. Theological students can take elementary Greek in the Academy without extra charge. But those taking studies in other Departments are required to pay tuition according to the number of studies taken.

3. In its inter-denominational character. Different denominations are represented by the teachers, many by the students. By candid statement of beliefs, by free interchange of views, by discussion of various
points, all carried on within the circle of fraternal association and feeling, the students come to a better understanding of one another and their tenets. The result is—not that they are made less loyal to their own denominations, but better able to see the loyalty of all to the one common Saviour, and better able to join in hearty co-operation with their brethren for the advancement of the one common cause.

REQUIREMENTS FOR ADMISSION

Every candidate for admission is expected to present testimonials from two responsible persons. His pastor and the principal of the school he has attended are preferred. The Diploma Course: Students are admitted to this course on certificates of graduation from some reputable high school, or on passing a satisfactory entrance examination. Those who lack the minimum requirements for the Diploma course, are sometimes admitted to its studies as unclassified students. If they make up their deficiencies they become eligible to graduation.

The Bachelor of Divinity Course. Students are admitted as candidates for the degree of Bachelor of Divinity, who have received a college education or its full equivalent.

COMBINATION COURSES

"Students of the College of Arts and Sciences desiring to enter upon professional studies before graduation, who have completed not less than 99 units, may take the studies of the first year in the School of Medicine, Law or Theology of Howard University, provided they can satisfy the stated requirements for admission thereto, and may receive the Degree of A. B., or B. S., upon the satisfactory completion of one year's work in such professional school. The student will thus be enabled to shorten the two degrees by one year."

Those taking this course may be admitted as candidates for the degree of Bachelor of Divinity.

EXPENSES

No tuition is charged. Room rent to theological students in Clark Hall, including steam heat and electric light, is $16 per year, $8 of which is to be deposited invariably in advance. Board in Miner Hall is $10 per month, payable in advance. Other expenses are largely determined by one's habits and means.
SELF-HELP

A few students receive their board for work done in the University. A large number meet their expenses by work done in the city. Washington affords unusual opportunities for self-help. No energetic student need be deprived of the advantages offered by the school because of lack of such opportunity.

SCHOLARSHIPS

Two Pomeroy Scholarships, one of $75, and one of $50, are awarded for excellence in Biblical studies.

Three Dodge Scholarships of $40 each are available for students who have not received other scholarships, at the discretion of the Faculty.

AWARDS FOR 1915-1916

Pomeroy Scholarships, First, Arrington S. Helm; Second, Edwin S. Shirley.

Dodge Scholarships, First, Henderson H. Donald; Second, George H. P. Anderson; Third, Thomas C. West.

Maynard Prizes, First, Arrington S. Helm; Second, Arthur F. Elmes.

STUDENT AID AND AWARDS

A limited fund is available at the discretion of the Faculty, to meet unusual needs of students. As an encouragement to thorough preparation for the work of the School of Theology, college graduate students of promise, who may need aid, will be given special consideration in the distribution of student-aid.

GRADUATION

The satisfactory completion of one of the prescribed courses of study, an unblemished Christian character, and the promise of usefulness in the Christian ministry are the prerequisites for graduation. The degree of Bachelor of Divinity (B. D.) is given to graduates from the B. D. Course who have taken the degree of A. B. from a reputable college, or who have shown by certificates and examinations that they have received the substantial equivalent of a college training. College graduates, who have taken studies equivalent to those of our Junior year, may complete the course and receive the diploma of the school in two years, with the degree of B. D. Those who have not received a college training or its full equivalent, but who show very superior scholarship in the actual work of the theological course may, by special vote of the Faculty, become candidates for the degree of B. D.
COURSES OF STUDY

ENGLISH COURSE

JUNIORS

Introduction to Bible Study
Biblical Introduction to Old Testament
Old Testament History
English Exegesis
Biblical Theology
Biblical Homiletics
Elementary Homiletics
English Composition
Church History
Theological Introduction
Ethics
Elocution

MIDDLES

Biblical Introduction to N. T.
New Testament History
English Exegesis
Systematic Theology
Church History
Advanced Homiletics
Inductive Studies
Sociology
Religious Psychology and Preaching
Elocution

SENIORS

English Exegesis
Systematic Theology
Church History
Advanced Homiletics
Inductive Studies
Pastoral Theology
Psychology of Religion
Religious Education
Missions and Comparative Religions
Social Service
Elocution

CLASSICAL COURSE

The School of Theology, while putting the English Bible in the forefront recognizes the fact that thoroughly equipped students may profitably study the word of God in its original languages—Hebrew and Greek—and thus gain an added equipment for service. It also recognizes the fact that in order to use the original languages with freedom and profit sufficient time must be given to gain a fair mastery of them. Provision is made to this end.
The Classical Course is open to college graduates, and to others at the discretion of the Faculty.

Juniors in Hebrew are excused from classroom work in Old Testament History.

Those prepared to take up Hebrew and Greek Exegesis may be excused from English Exegesis.

METHODS OF TEACHING AND STUDY

Comparatively little use is made of the formal recitation, the old question-and-answer method, which merely tests the verbal memory. The class-hours are used chiefly for social study, in which thinking is aroused, cleared and energized. The methods of teaching are constantly varied to awaken interest and mental activity. While text-books are made use of and books of reference recommended and employed, the teaching is almost entirely oral, and conversational conferences are often held. Both free and written lectures are given, questions raised and discussed and maps and blackboard exercises used. Privately printed lecture outlines and instruction schemes are issued to classes and individual students at a very moderate cost, furnishing material for frequent reviews and self-training. It is the endeavor of the faculty in all departments of instruction to arouse energy of thought and develop soundness of judgment.

The outline of studies and hours of class-room work indicate the average proportions of subjects, work and time. These may be varied for both classes and individuals to suit varying needs and attainments, as these may be indicated by actual experience.
DESCRIPTION OF COURSES

PROFESSOR CLARK

ENGLISH EXEGESIS

To many students English exegesis is the only possible exegesis, for the English Bible is their only Bible. The plan is to learn the art of interpretation by interpreting; to learn how to get out the meaning of God's Word by working at it under the lead of well established principles. It is recognized that the Bible has a great variety of forms of expression, and its varying immediate demands which are determined by existing conditions, and the pressing needs of the hour. The practice is to give careful exegetical study to sample portions of the more distinctive parts of the Bible with the intent to get out the meaning originally put in, and then to consider more especially its practical value, and its homiletical uses. In this way the method of interpretation applicable to the whole Bible becomes familiar. The key to the exhaustless store of Scriptural truths is found. Treasures new and old may be brought forth. This is one of the ways in which it is sought to realize the object of this School of Theology, which is to prepare young men for efficient service in the Gospel ministry. If they learn the art and form the habit of intelligent and quickening interpretation of God's word so that they know its teachings, appropriate its teachings, then impart its teachings, their ministry will not be an unfruitful ministry.

This plan of work does not require that very specific announcements be made of what is to be done each semester, or just how many, and what books of the Bible constitute the full and prescribed course in English Exegesis. The end sought is to be kept in mind, but some liberty and discretion are allowed.

J. 2, M. 4. S. 4.*

BIBLICAL THEOLOGY

Biblical Theology stands for the theological beliefs held and affirmed, or embodied in rites and observances, in the different periods covered by the Scriptural records—first, the Old Testament records; then the New Testament records. These beliefs are concerning God; His being, His attributes, His character, His relations to the world, His plan of administration, and concerning man, his nature, his powers, his char-
acter, his relation to God, his duty and his destiny. When these beliefs concerning God and man are ascertained, and set in their chronological order, it is seen that they have been progressive, advancing from the limited to the larger, from the obscure to the clearer, from the lower to the higher, ever advancing toward a culmination in Christ Jesus. Thus one is made more intelligent in his judgment of the past, more reasonable in his expectations of the future.

Books of study and reference: O. T. Theology, Bennett’s, Davidson’s, Pieperbrings; N. T. Theology, Gould’s, Stevens’, Beyschlag’s.

Theological Introduction. This is intended to prepare the way for a more satisfactory study of Systematic Theology. Its range is somewhat indefinite, and may vary with varying conditions. It includes such topics as religion, its nature, extent and significance; God’s self-revelation in His works, its reliability and measure; God’s self-revelation in His word, its reality and authority; the Christ, who and what He was; also the spirit and method of rewarding study. Instruction is principally by lectures, books and magazine articles for reference and reading as occasion requires.

Systematic Theology. This treats of God’s self-revelation culminating in Christ; His relation to the universe, especially to man; His plan of administration in the realm of matter, in the realm of free moral agency; of man: his nature, powers, relations, sin, condemnation, need of redemption; of redemption provided, including the person and work of Christ; redemption offered, including the ministry of Christians, and the agency of the Holy Spirit; redemption imparted, including regeneration and justification; redemption appropriated, including repentance of faith; redemption perfected, including sanctification and the kingdom of Heaven.

Books of study and reference. Wm. Newton Clarke’s Outlines of Christian Theology; H. B. Smith’s Theology, Johnson’s Outline of Systematic Theology.

THEORY AND PRACTICE OF PREACHING

Professor Woodbury

The ability of the student to express himself in clear and correct English is a fundamental requirement. Students who need more training in this respect will be assigned work in English composition including punctuation, accidence, syntax, diction and sentence structure. Particular attention will be given to common errors in grammar and style.


Throughout the whole course, sermons and parts of sermons are planned, wrought out, remade, compared with others on the same themes and the applying principles illustrated and enforced.

CHURCH ADMINISTRATION AND WORK


Church Polity. History and description of Baptist, Methodist, Disciples, Protestant Episcopal, Presbyterian, Congregational and other forms and principles of Church polity. S. 1.

HOWARD UNIVERSITY

PSYCHOLOGY OF RELIGION

This course is a general study of psychology as applied to the religious experience, individual and social, and as forming the basic and conditioning science for theology in its various branches. It deals with human nature in all its stages and forms of religious progress and develops the rational basis of religious faith. It includes a series of lectures on social psychology in its religious aspects, including an analysis of the instincts, tendencies and emotions, suggestibility, child religion, adolescence, educative development, methods of conversion, revivals, spiritual dynamics, experiences and their normal development, and additional lectures on other forms of applied psychology, in respect to personal influence and ascendancy, mental efficiency, hygiene, faith healing, etc., etc.

Books of study and reference. Ames, Buckley, Coe, Davenport, Ellwood, Huckel, James, Kennard, McDougall, Pratt, Raymond, Scott, Starbuck, Steven, Worcester, etc.

EDUCATION IN RELIGION


THE ASSEMBLY HOUR

The weekly assembly hour is held in Main Hall on each Thursday of term time. Attendance and such participation in the exercises as may be called for are obligatory on every student and count as a regular course in scholarship standing. The hour includes lectures by members of the faculty, prominent pastors and others. A large share of the work consists of inductive studies in preaching and practice preaching by members of the different classes, followed by oral comments.

J., M., S. 1
BIBLICAL INTRODUCTION

Professor Brown

The Bible is man's guide book and should be thoroughly known. Too few of the masses read it at all, and it is insufficiently mastered by those set apart to expound it. How to become interested in Bible study and how to be attractive teachers of the Word is illustrated and enforced by the work of the class-room.

The Bible as a library is studied as a whole, in its divisions and in its related parts. The origin, collection, transmission and versions of the Scripture; the genuineness, authenticity, authority, inspiration, and literary character of the books are all carefully considered.

The Bible is essentially a historical book and as such special emphasis is placed upon it. God's relation to man in the past, and in an ever present extending sphere of grace is studied. God's work was first with individuals, then later with families and afterwards with a nation, till His gracious purpose and movement culminated, in the fulness of time, with the coming of Christ.

A study of the important characters, events and forces in Biblical history, in the light of modern geography, discovery and research is required, and also a preliminary study of the Persian, of the Greek, of the Maccabean and Roman Ages as a historical background for a comprehensive knowledge of the times and ministry of Jesus; closing with an outline of the life of Christ and of the Apostolic Church.

Books of study and reference: Driver's Introduction; Moulton's Introduction; Kent's Student's Series; Dods' Introduction; Brown's Bible Mastery; John H. Raven's Introduction; Blaikie's Bible History; Stanley's History of the Jewish Church; Smith's Old and New Testament History; History of the Hebrews, by Saunders; The Origin and Teaching of the New Testament Books, by the University of Chicago.

OLD TESTAMENT

1. General Introduction: General and Special divisions; a clear understanding of the main features, and of the origin, structure and literary character of each book; Bible geography, and Pentateuch, its composition, age and authorship.
2. Old Testament History (a) Hebrew Literature, History and Religion from the earliest times to the Conquest of Canaan. (b) History of Israel from the Conquest of Canaan to the time of Amos. (c) Old Testament Literature from the oral beginnings to Amos, and from thence to the Fall of Jerusalem. (d) Writings of the Exilic and Post-Exilic periods, and the formation of the Canon. (e) The Messianic Prophecies in chronological order.


NEW TESTAMENT

1. Introduction: Divisions, and chronological order of books, with dates and authorship, and brief introductions to the several books. A comparative study of the Synoptic Gospels.


3. 1. The Apostolic Church, Its Rise and Spread. (1) Sources, The Acts and Epistles, (2) The Church under three heads; the Church of Jerusalem, the Church of Palestine and the Church of the Gentiles. The Church, its head, its members, its organization and its object, The Early Missionary Church.

SOCIAL SERVICE

The need of the every day service of the ministry and the church, as affecting the varied interests of the community, is minutely studied in the class room with the view of fitting the young minister for meeting the problems of the parish life and for making him an efficient leader and organizer of the community forces for helping the whole man as well as the whole body of men.
HEBREW EXEGESIS

Professor Pratt

The course aims to impart a working knowledge of the language and to read carefully selected texts to illustrate and enforce the great truths of the Old Testament. The inductive method is used. Hebrew Elements with reading of easy prose.

Passages from the Law, the Prophets and the Poetical books.


GREEK EXEGESIS

A working knowledge of the Greek language is required for admission to the classes in Greek exegesis. In the two years a large part of the New Testament is read. The course aims to train the student in methods of exact grammatical analysis and literary criticism in order that the thought of each writer may be better understood.

Books of study and reference: Thayer's Lexicon; Godwin's, Winter's Robertson's and Green's Grammars.

CHURCH HISTORY

The course aims to show the vital connection between the growth of the Kingdom of God on earth and the progress of civilization. Special attention is given to the great theologians and reformers and to the social background of each important era.

The Early Church to 590 A. D.; The Founding of the Church; Apologists; Gnostic Controversies; The Early Schools of Theology; The Ecumenical Councils.

The Middle Ages: The Rise of the Latin Church; The Eastern Church; Latin and Greek Theologies Compared; Papacy and Empire; Rise of Modern Nations; The Reforming Councils; The Theology of the Middle Ages.

The Renaissance and the Reformation; Early Reformers; Revival of Learning; Causes of the Reformation; Luther; Zwingli; Calvin.

The Reformation (con.): The Spread of the Reformation; the Counter Reformation; Trent; Theology of the Lutheran, Reformed and English Churches.
The Transition and Modern Eras. The Evangelical Movement; The Philosophical Movement; Theological Tendencies in the Nineteenth Century. The American churches to-day. 


CHRISTIAN MISSIONS

The course aims to awaken interest in the growing Kingdom of God on earth. History of missions with general survey of the modern field; African Missions.


THE HISTORY OF RELIGIONS

The course aims to show the relation of Christianity to the other great religions of the world, with special reference to the problems of missions. Primitive Religious Customs and Beliefs; Religions of Babylon and Egypt; Greece and Rome; Islam; China; Persia; India.

Books of study and reference: Jevons; Moore; Menzies; Toy.

ETHICS

The course aims to acquaint the student with the principles which underlie right conduct in the great relationships of life. The Beginnings and Growth of Morality; Theories of the Moral Life; Rights and Duties of the Individual in Relation to various Social Groups.

Books of study and reference: Ross' Sin and Society; Dewey and Tufts Ethics; Fairchild's Moral Science; Smyth's Christian Ethics; Alexander's Christianity and Ethics.

SOCIOLOGY

The course aims to prepare the minister to apply Christian truth to society. The development of society from primitive to modern forms with Bible references; Modern Social Problems.

ELOCUTION AND PULPIT ORATORY.

I (a) Voice Training. Exercises in breathing, physical culture, articulation, pronunciation, inflection, emphasis, gesture and platform deportment.

(b) Vocal Expression. The principles of quality, force, pitch, and time; reading contrasted with free speech; selections from great literature—poems, orations, sermons—practiced from point of effective delivery. Individual needs.

II (a) Bible and Hymn Reading. This course aims to give thorough drill in the principles of the preceding courses and to give the student accuracy and sympathetic expression in the oral interpretation of the Scriptures and Hymns. Versification as related to hymnology.

(b) Pulpit Oratory. Practice in delivery of lectures and sermons from manuscript, outlines, and extempore; class discussion and criticism.

For catalogue and special information, address, Dean Isaac Clark, Howard University, Washington, D. C.

EVENING INSTITUTE

Inquiries about studies in the Evening Institute may be addressed to Prof. Sterling M. Brown, Director of Correspondence Study.

THE DEPARTMENT OF CORRESPONDENCE STUDY

Correspondence study, as a method of gaining an education, has been long and widely tested, and is becoming more broadly established each successive year. To-day it is imparting the benefits of great colleges, universities and professional schools to thousands of students who cannot come as residents to these institutions, but who are bent upon securing an education.

In schools of theology, correspondence study has been found particularly advantageous to the following classes:

(I) Students, desiring to prepare themselves for the ministry, who are unable at present to remove their residence to an institution, but who can do work where they are and in connection with their present occupation, and can thus attain advanced standing toward graduation with the expenditure of less time when they take up residence work.
(2) Students who have already had some residence work, and can take additional parts of their course by means of correspondence work. (3) Ministers who have found it necessary to enter upon their professional work with inadequate educational preparation, and who now desire to develop their training more fully. (4) Ministers who wish to make higher attainments in some special lines of scholarly study. (5) Ministers who feel the need of improved methods in sermon-making and delivery, in order to reach increased effectiveness in their work of preaching.

COURSES OF INSTRUCTION

Courses of instruction include the subjects of the general courses in the School of Theology (with the exception of the linguistic studies) and additional subjects for post-graduate work. Detailed information will be supplied by correspondence.

GENERAL INFORMATION

Full and exact directions as to methods of work are given to each correspondent. No previous examination is required for entrance on correspondence courses of study. If, for any cause, an application should fail of being accepted, the tuition fee is at once returned to the sender. Students are to complete the particular courses they have undertaken within a year of the time of their beginning work, unless their time should be extended by the Director. An interval of more than two months without report from a student may terminate the right to continue that course of study.

Examinations will be held at such times and in such places and by such methods as may be arranged by the faculty through the director. Certificates of attainment in each course are granted to the student after the satisfactory completion of the course. After a student has sustained the requisite examinations and has been matriculated as a resident student of Howard University, such certificate work as has been done in correspondence-study will be duly credited as contributing toward the attainment of a diploma, it being understood that at least one year of residence work will be required for his graduation, except in special cases to be considered and passed upon individually.

Expenses. A subject is designated as a course, a half-course, or comprises two or more courses. The tuition for a course in any sub-
ject is placed for the present at the very low rate of three dollars, payable invariably in advance. This includes question-papers, but not the cost (which varies in different courses) of text-book or text-manual. These are paid for and owned by the student. Address all communications concerning Correspondence study to

Prof. Sterling N. Brown, Director.

Howard University, Washington, D. C.
SCHOOL OF MEDICINE

INCLUDING THE

MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES

HISTORY

Howard University was chartered by act of Congress, March 2, 1867. Section 5 of the charter provided that the University shall consist of the following departments—"Fifth, medicine." On November 5th, 1868, the first session began and ended March 1, 1869.

The Department has up to date graduated 1,520 students—974 medical, 293 dental and 253 pharmaceutical. In conformity with the spirit of the charter of the University, the Medical Department, including the Medical, Dental and Pharmaceutic Colleges, is open to all persons, without regard to sex or race, who are qualified by good moral character, proper age and suitable preliminary education.

The Forty-ninth annual session will begin October 1, 1916, and continue until June, 1917.

GENERAL INFORMATION

The city affords special facilities for the study of medicine and the allied subjects.

There are libraries rich in medical books, which may be consulted by the students. That of the Surgeon General's Office, contains over 150,000 works on medicine and collateral sciences. The Library of Congress contains about a million books, many of which are medical. The Patent Office Library also contains many books of the same kind. The reading rooms of these institutions are open from 9 to 4:30 o'clock daily, except Sundays; those of the Library of Congress are open also on Sunday and in the evenings.

Our Carnegie Library, situated on the campus, contains about 25,000 books and 15,000 pamphlets. A branch library has been established at the School of Medicine where the leading medical, dental and pharmacueutic journals, bulletins, text-books and reference works may be found.
The Army Medical Museum is the finest of its kind in the world. The specimens illustrate the diseases and injuries of both civil and military life, normal anatomy, both human and comparative, and medical, surgical and transportation appliances—in all about 50,000 specimens. Open daily, except Sundays, from 9:00 to 4:30 o'clock. The National Museum and Smithsonian Institute, have the largest and best collection in the country, illustrating the natural sciences. The specimens of Materia Medica are useful to medical and pharmaceutic students. Open daily, from 9:00 to 4:30 o'clock. The Museum of Hygiene, is under the charge of the Surgeon General of the Navy, and contains as the name indicates, illustrations of sanitary arts. Open daily, except Sundays, from 9 to 4:30 o'clock. The Agricultural Department contains a museum of the products of agriculture; the Botanic Gardens, a collection of plants of all countries, and the Patent Office Museum, models of surgical appliances.

FREEDMEN'S HOSPITAL

On the square adjacent to that on which the Medical College Buildings stand have been erected hospital buildings at a cost of $600,000.

The hospital has the great advantage of being designed primarily for teaching purposes, as practically all the patients admitted are utilized freely for instruction. The hospital has about 300 beds and contains two clinical amphitheatres, pathologic laboratory, clinical laboratories and a room for X-ray diagnostic work and X-ray therapy. The Medical Faculty practically constitutes the Hospital Staff. They are the physicians who attend regularly upon the patients (each upon such cases as come within his special department). Special attention is given to bedside instruction. Clinics are held every day during the year, except Sundays, and examinations are made, prescriptions given, and surgical operations performed in the presence of the classes or of sections thereof.

The patients are assigned to students who take the histories of the cases, make the physical examinations, the diagnosis and prognosis and suggest the line of treatment or operative procedure thought necessary, under the direction of the professor in charge. The clinical laboratories are under the direction of the departments of internal medicine, surgery, gynecology and nervous diseases, are all especially equipped, and furnish facilities for the scientific study of cases and are freely used by students as time and space permit. Stress is laid upon the value of ward and bedside instruction. The character of the hospital is such
that this method of instruction can be carried out more fully and more systematically than in many other hospitals available for teaching purposes. The practical hospital work which students of this department are able to do is excelled by few medical schools. Much of the work of giving treatment, of dressing wounds and of giving other detailed attention to patients is carried out, under proper supervision, by senior students. For the treatment of diseases of the nervous system, the hospital is furnished with apparatus for generating all kinds of electrical currents. Attendants especially skilled in the application of electricity and massage are put in charge of such cases and are assisted by senior students who aid in this work. A lying-in ward is established in which senior students are required to attend cases of labor and become familiar with the duties of the lying-in ward, under the immediate direction of the professor of obstetrics and his assistants. A large number of the cases admitted to the hospital are from a distance, and are of more than common interest, including numerous surgical and gynecological cases requiring major operations. There are also many cases of disease of the lungs, heart, blood, digestive system, the kidneys, and of the nervous system. The eye, ear, nose and throat services are large and replete with instructive cases. Patients with contagious diseases are treated in the isolation room of the hospital.

**THE MEDICAL COLLEGE**

The Medical Department is situated on W Street, N. W., between Fifth and Sixth Streets. The LeDroit Park cars pass by the buildings, and the Seventh Street, Ninth Street and U Street lines are within a few blocks, so that in ten minutes a student can reach the heart of the City.

**ROOMS AND BOARD**

The Secretary keeps a list of places where rooms and board may be obtained at reasonable prices. Board may be procured at the University dining hall at $10 per month.

**RULES GOVERNING THE STANDING OF STUDENTS**

In the future the marking of students will be as follows: A. Excellent; B. Good; C. Passed; D. Failed, must take examination over again; E. Must repeat the course, which is in accordance with the rules of the Association of American Medical Colleges.
Each student is obliged to attend eighty per cent of the exercises in every course of study for which he seeks credit.

Students must obtain a passing grade in each study in order to receive credit for the same. Students failing in three or more studies in any year will be required to repeat the work of that year, or by vote of the Faculty, may be advised to terminate their connection with the school. Students, except seniors, failing in less than three studies in any one year will be allowed a re-examination in such studies. Students failing in not more than two studies may be conditioned in such studies, but said conditions must be removed during the first half of the ensuing year. Senior students who fail in any subject must repeat the work of the entire year. The work of making up conditions must be done outside of the regular scheduled hours.

A student whose work, for any reason, is not satisfactory will be so notified and if no improvement is noted he must expect to be asked to terminate his connection with the School.

The same principle will apply to candidates for graduation. The only standard for graduation will be the judgment of the faculty that the candidate for graduation is qualified for the degree of doctor of medicine, dentistry or pharmacy.

**CLINICS AND PRACTICAL WORK**

Clinics are held as indicated in the schedule of hours.

Seniors and juniors are required to attend these clinics, and their attendance and proper performance of their practical work will enter largely into determining their promotion or graduation.

Dental and pharmaceutic students must also attend the practical work of the Dental Infirmary and Hospital Dispensary, respectively, as well as the laboratory work in their respective Colleges.

**POST-MORTEM EXAMINATIONS**

Post-Mortem examinations will be made as often as possible, and students will be required to attend and assist. This will afford an excellent opportunity for the study of both normal and morbid anatomy, as well as the steps of the operation itself.

**FEES**

The College fees and cost of books, instruments, board, room, laundry and incidentals will hardly be less than $300 per session of thirty-two weeks.
Examination fee, i. e., for all new students..............................$ 5.00
Matriculation, i. e., for new students; paid once ................. 5.00
Tuition, Medical College, per session ........................................ 100.00
Laboratory fee ................................................................. 25.00
Tuition, Dental College, per session ........................................ 80.00
Laboratory fee ................................................................. 20.00
Tuition, Pharmaceutical College, per session ...................... 80.00
Laboratory fee ................................................................. 10.00
Graduation fee ................................................................. 7.00
Library fee ........................................................................... 1.00
Athletic fee ........................................................................... 1.00

A laboratory deposit will be required for breakage, and must be paid before the student is admitted to the laboratory. This will be returned at the end of the session if there is no destruction of property.

All fees are paid to the Treasurer of the Faculty, William C. McNeill, and are payable, half on registration, and half on the first of the following January.

All fees must be paid before a student is admitted to his classes.

LECTURES AND RECITATIONS

Instruction is given in this school by didactic and clinical lectures, recitations and practical laboratory and bedside work. Students will not be allowed to absent themselves from lectures, recitations, laboratory work, clinical lectures and other practical exercises of their respective years. Instructors keep a record of attendance and report to the Secretary of the Faculty.

Examinations will be held in the several subjects at such times as the professors may determine, and at the close of the session. Any student failing to pass examinations after three attempts in any subject will be advised to discontinue his connection with the school. Absence from one-fifth or more of a course will render a student ineligible for examination.

SPECIAL NOTICES

I. Section 1. "Every college holding membership in this association shall, on and after January 1, 1912, require for matriculation a completed or unconditioned medical student's certificate, to be granted by a state medical examining and licensing board, or a board empowered by statute to grant such certificates."

—Article III, Section 1, Constitution of the Association of American Medical Colleges.
PROSPECTIVE MEDICAL STUDENTS WILL DO WELL TO REMEMBER THE ABOVE REQUIREMENTS, AND SECURE THEIR MEDICAL CERTIFICATES BEFORE THE OPENING OF THE MEDICAL COLLEGE.

II. THE MEDICAL COLLEGE OF HOWARD UNIVERSITY IS NOW RECOGNIZED BY THE CONJOINT BOARD OF ENGLAND, AND ITS "GRADUATES ARE ADMITTED TO THE FINAL EXAMINATIONS OF THE BOARD IN MEDICINE, SURGERY AND MIDWIFERY ON PRODUCTION OF EVIDENCE OF HAVING FULFILLED THE NECESSARY REGULATIONS IN REGARD TO GENERAL EDUCATION, AND TO THE PROFESSIONAL CURRICULUM EXTENDING OVER FIVE YEARS."

III. THERE ARE NO FUNDS AVAILABLE FOR HELPING STUDENTS IN THE SCHOOL OF MEDICINE. THE FACULTY DOES NOT ADVISE PROSPECTIVE STUDENTS TO COME TO THE SCHOOL UNTIL THEY ARE ABLE TO PAY THEIR TUITION IN FULL, WITHOUT HAVING TO DEPEND UPON OUTSIDE EMPLOYMENT, AS THE SUCCESSFUL STUDY OF MEDICINE, DENTISTRY OR PHARMACY CAN BE DONE ONLY BY THOSE WHO DEVOTE ALL THEIR TIME TO IT.

IV. AT THE LAST MEETING OF THE NATIONAL ASSOCIATION OF DENTAL FACULTIES, IT WAS VOTED THAT BEGINNING WITH THE SESSION OF 1917-'18, THE SCHOOLS BELONGING TO THIS ASSOCIATION SHOULD INCREASE THEIR COURSE FROM THREE TO FOUR YEARS. THIS REQUIREMENT APPLIES TO THIS SCHOOL.

V. PROSPECTIVE MEDICAL, DENTAL AND PHARMACEUTICAL STUDENTS WILL SAVE TIME AND THE POSSIBILITY OF MISCARRIAGE OF THEIR MAIL, IF THEIR LETTERS OF INQUIRY ARE DIRECTED TO THE DEAN OR SECRETARY OF THE SCHOOL OF MEDICINE, 5TH AND W STREETS, N. W.
ALBERT RIDGELEY, M. D.
Associate Professor and Demonstrator of Anatomy.

CARYL BURBANK, M. D.
Assistant Professor of the Principles and Practice of Medicine.

HERBERT CLAY SCURLOCK, A. M., M. D.
Lecturer on Electro-Therapy.

ROY DELAPLAINE ADAMS, M. D.
Lecturer on Embryology.

TOM ALFRED WILLIAMS, M. B., C. M.
Lecturer on Nervous and Mental Diseases.

WILLIAM ALEXANDER JACK, M. D.
Demonstrator of Practical Surgery.

WILLIAM FRANCIS SOWERS, M. D.
Instructor in Clinical Surgery.

CHARLES HERBERT MARSHALL, M. D.
Clinical Assistant in Gynecology.

MILTON AUGUSTUS FRANCIS, M. D.
Clinical Assistant in Surgery.

HARRY HYLAND KERR, M. D.
Instructor in Clinical Surgery.

LEWIS CHARLES ECKER, M. D.
Clinical Assistant in Medicine.

RALPH BURNETTE STEWART, Phar. D., M. D.
Laboratory Assistant in Pathology.

HAMILTON ST. CLAIR MARTIN, M. D.
Clinical Assistant in Otology, Laryngology and Rhinology.
REQUIREMENTS FOR ADMISSION TO HOWARD UNIVERSITY MEDICAL COLLEGE.

The applicant for admission to the Medical College of Howard University must present to the Secretary of the Faculty of the College at least ten days before the opening of the College his credentials, properly signed, showing that he has successfully pursued the subjects mentioned below, under the conditions stated:

I. Those who have completed in a satisfactory way the Chemical-Biological course which leads to the A. B. degree in this University.

II. Those who possess a degree in Arts or Science from an approved College or Scientific School, or are graduates of approved High Schools, who furnish satisfactory certificates, showing that they have had two years of college work as follows:

- **Physics**: 120 hours of class work and 90 hours of quantitative work in the laboratory.
- **Chemistry**: lecture courses in inorganic and organic chemistry, with 150 hours of inorganic and 90 of organic laboratory work.
- **Biology**: lecture courses in General Biology, 180 hours of laboratory work, and a reading knowledge of French or German.

III. Those who give evidence by examination that they possess the general education implied by a degree in Arts or Science from an approved college or scientific school, and in addition, the required knowledge of French or German, Latin, physics, chemistry and biology indicated in section II.

APPLICATION BLANKS

APPLICATION FOR ADMISSION SHOULD BE MADE TO THE SECRETARY, WHO WILL FURNISH DETAILED INFORMATION AND BLANKS, RELATING TO THE PREVIOUS COURSE OF THE APPLICANT.

CERTIFICATES

APPLICANTS ARE REQUIRED TO FURNISH DETAILED CERTIFICATES FROM OFFICERS OF THE COLLEGE OR SCIENTIFIC SCHOOLS AT WHICH THEY HAVE STUDIED AS TO THE COURSES PURSUED IN BIOLOGY, CHEMISTRY AND PHYSICS.
FOREIGN CERTIFICATES

STUDENTS WHO PRESENT CERTIFICATES FROM FOREIGN SCHOOLS MUST HAVE THEM ACKNOWLEDGED AND SEALED BY SOME PROPERLY CONSTITUTED OFFICER OF THEIR GOVERNMENT IN ADDITION TO THE SEAL OF THE COLLEGE AND THE SIGNATURE OF THE HEAD OF THE SCHOOL.

REQUIRED SUBJECTS

Group I

English Language—3 units.
   (a) English Grammar.
   (b) Rhetoric and Composition.
   (c) Reading Classics.

Group II

History—2 units.
   History of the United States, as presented by standard authors, one unit.
   General History as presented by Myer's, or equivalent text, one unit.
   Greek and Roman History or English History will be accepted as a substitute for General History.

Group III

Mathematics—3 units.
   Algebra—through quadratics—standard authors, one unit.
   Geometry—plane and solid—standard authors, one and one-half units.
   Plane Trigonometry—one-half unit.

Group IV

Physics—two units.
   In physics the candidate should have followed a collegiate course for at least two years. This course should include two hours a week of classroom work, and at least four hours a week of quantitative work in the laboratory. Special attention should be given to theoretical mechanics, and to the mechanical and electrical experiments; or
   Physics: 120 hours of class work and 90 hours of work in the laboratory for those taking the regular two years' college course.
Chemistry—two units.

The candidate should have followed a course in general chemistry for at least two years. This course should include two hours a week of class-room work, and four hours a week of laboratory work through two years. The lectures and laboratory work must cover the outlines of inorganic and organic chemistry; or
Chemistry: lecture courses in inorganic and organic chemistry, with 150 hours of inorganic and 90 hours of organic laboratory work for those taking the regular two years' college course.

Botany and Zoology—one unit each.

The candidate should have followed for at least two years a laboratory course of six or more hours a week, upon the structure, functions and life histories of selected types of animals and plants, or
Biology: lecture courses in General Biology and 180 hours of laboratory work for those taking the regular two years' college course.

Group V

Modern Languages—2 units.

French or German. The applicant must be able to read French or German.

Group VI

Latin—2 units.

(a) Grammar.
(b) Prose Composition.
(c) Reading—Four books of Caesar's Gallic War.

For those prospective medical students who cannot meet the above requirements, a six years' course is recommended. Provision for such a course has been made in connection with the College of Arts and Sciences of Howard University.

COMBINATION COURSES

Students of the College of Arts and Sciences, desiring to enter upon professional studies before graduation, who have completed not less than 99 units, may take the studies of the first year in the School of Medicine of Howard University, provided they can satisfy the stated requirements for admission thereto, and may receive the degree of A. B. or B. S., upon the satisfactory completion of one year's work.
The curriculum comprises Anatomy, Physiology, Histology, Materia Medica, Pharmacology, Therapeutics, Electro-therapeutics, Toxicology, Obstetrics, Embryology, Practice of Medicine, Surgery, Minor Surgery, Hygiene, Dietetics, Pathology, Medical Zoology, Post-Mortem Work, Clinical Microscopy, Bacteriology, Gynecology, Pediatrics, Ophthalmology, Otology, Dermatology, Laryngology, Rhinology, Mental and Nervous Diseases, Genito-Urinary Diseases, Physical Diagnosis, Medical Jurisprudence, Tropical Medicine, and Anaesthesics.

Students are required to attend at least four courses of lectures in separate years, and pass a satisfactory examination in each branch of study, before becoming eligible for the Degree of Doctor of Medicine. The subjects of study for Freshmen are Anatomy, Physiology, Physiological Chemistry, Histology, Materia Medica, Pharmacology, Embryology. For Sophomores, Anatomy, Urinalysis, Hygiene, Dietetics, Physiology, Therapeutics, Toxicology, Bacteriology, General Pathology, and Medical Zoology, Physical Diagnosis. For Juniors, Obstetrics, Practice of Medicine, Pediatrics, Electro-therapeutics, Surgery, Physical Diagnosis, Pathology, Dermatology and Clinical Microscopy Ophthalmology. For Seniors, Practice of Medicine, Surgery, Gynecology, Otology, Orthopedics, Genito-Urinary Diseases, other specialties and Medical Jurisprudence. Post-mortem work as often as practicable, and available to all the classes.

GRADUATION

Candidates for the degree of Doctor of Medicine shall be at least twenty-one years of age and of good moral character, shall have attended four courses of lectures, etc., above described, at some regular medical college, the senior course at least being at this School. They shall pass the final examinations, and shall have paid their fees in full.

SUMMARY OF THE REGULAR FOUR YEARS' COURSE

The graded curriculum is arranged as follows:

Freshman Year

ANATOMY.—Lectures, 2 hours; practical work, 16 hours; recitations, 4 hours a week for first semester; lectures, 2 hours; practical work, 6 hours a week for second semester.
For additional information, apply to the Secretary of the Medical Faculty, W. C. McNeill, M. D.

CREDIT FOR WORK IN ACCREDITED MEDICAL COLLEGES

It is considered desirable for students to complete their course in medicine at the institution at which they first matriculate. If, however, for any good reason, a change is desired, students from other medical colleges recognized by this Institution may be admitted to advanced standing under the following conditions:

FIRST: They must present a letter of honorable dismissal from the school they have attended, showing that they were in good standing and that all their bills were paid.

SECOND: They must present satisfactory evidence that they have, at the time they enter this College, fully completed the preliminary educational requirements for admission to the School.

THIRD: They must present credentials from the Dean or Secretary of the college which they have attended, properly signed and sealed, showing that they have been registered medical or dental students, and in residence for the time for which credit is sought.

FOURTH: They must present satisfactory evidence from the college attended showing that the amount and character of work they have completed is such as to entitle them to the advanced standing they seek in this College.

Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had the required number of hours in physics, and chemistry, 24 hours in osteology, 292 hours in human or comparative anatomy, 124 hours in histology, 85 hours in embryology, 200 hours in physiology and 90 hours in Materia Medica; provided, that the applicant for such time credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.
Histology.—Lectures, 2 hours; laboratory, 4 hours a week for the session.

Physiology.—Lectures, 4 hours; laboratory work, 10 hours; recitation, 1 hour a week for the second semester.

Materia Medica and Pharmacology.—Lectures, 2 hours; laboratory work, 4 hours a week for the second semester.

Physiologic Chemistry.—Lectures, 1 hour; laboratory work, 3 hours a week for the first semester.

Embryology.—Lectures, 2 hours; laboratory work, 4 hours a week for the second semester.

Sophomore Year

Anatomy.—Lectures, 3 hours a week for the session; recitations, 2 hours a week for the second semester.

Physiology.—Lectures, 4 hours; laboratory work, 10 hours a week for the first semester.

Therapeutics.—Lectures, 2 hours; laboratory work, 2 hours a week for the first semester.

Urinalysis.—1 hour a week for the second semester.

Bacteriology.—Lectures, 4 hours; laboratory work, 12 hours a week for the first semester.

Pathology.—Lectures, 3 hours a week; laboratory work 6 hours for the session.

Topographic Anatomy.—2 hours a week for the second semester.

Physical Diagnosis.—Lectures, 2 hours a week for the second semester.

Preventive Medicine, Hygiene and Dietetics.—Lectures, 2 hours a week; laboratory work, 2 hours a week for the first semester.

Bandaging.—2 hours a week for the second semester.

Surgical Pathology.—Lectures, 2 hours a week for the second semester.

Medical Zoology.—2 hours a week for the first semester.

Electro-Therapy.—2 hours a week for the second semester.
Junior Year

Pathology.—Laboratory work, 12 hours a week for the first semester.

Obstetrics.—Lectures, 2 hours; clinics, 6 hours a week for the session.

Surgery.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour a week for the session.

Orthopedics.—Lecture, 1 hour a week from November to May 1st.

Practice of Medicine.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour a week for the session.

Clinical Microscopy.—4 hours a week for the session.

Dermatology and Syphilology.—Lectures, 2 hours; clinics, 2 hours a week for the first semester.

Pediatrics.—Lectures, 2 hours a week for first semester; clinics, 2 hours a week for the session.

Ophthalmology.—Lectures, 1 hour a week for first semester.

Surgical Anatomy.—Two hours a week for the second semester.

Senior Year

Gynecology.—Lectures, 2 hours; clinics, 6 hours a week for the session.

Surgery.—Lectures, 2 hours a week for the first semester; clinics, 6 hours; recitation, 1 hour a week for the session.

Practice of Medicine.—Lectures, 2 hours; clinics, 8 hours; recitation, 1 hour a week for the session.

Orthopedics.—Clinics, 4 hours a week from November to May 1st.

Ophthalmology.—Lectures, 2 hours; clinics, 4 hours a week for the session.

Medical Jurisprudence.—Twelve lectures during the session.

Mental and Nervous Diseases.—Lectures, 1 hour a week for first semester; clinics, 2 hours a week for the session.

Otology and Laryngology.—Lectures, 1 hour a week for first semester; clinics, 2 hours a week for the session.

Genito-Urinary Diseases.—Lectures, 1 hour a week for first semester; clinics, 2 hours a week for the session.

Tropical Medicine.—Lectures, 15 lectures beginning February 1st.

Post-Mortems.—As often as practicable.

Applied Anatomy.—Two hours a week for second semester.
POST-GRADEUATE SCHOOL AND POLYCLINIC
FOR MEDICINE

STEPHEN MORRELL NEWMAN, A. M., M. D., President.
EDWARD ARTHUR BALLOW, A. M., M. D., Dean.
DANIEL SCOTT LAMB, A. M., M. D., LL. D., Vice-Dean.
WILLIAM CLARENCE MCNEILL, M. D., Secretary.

GENERAL STATEMENT

The Medical Faculty desires to inform the Alumni of the Medical College of Howard University, and the profession throughout the country and the British West Indies, that the ninth session of the Howard University Post-Graduate School and Polyclinic will begin June 1, 1916, and continue six weeks.

FEES

The fees will be as follows: For the entire Medical Course, $100.00; for Surgery alone, $50.00; Gynecology alone, $50.00; for any other one subject, $25.00. These fees must be paid in advance. Breakage in laboratories at cost price.

For additional information apply to W. C. McNeill, M. D., Secretary, Fifth and W Streets, N. W.
DENTAL COLLEGE

(This College is a member of the National Association of Dental Faculties.)

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.

EDWARD ARTHUR BALLOCH, A. M., M. D.,
Dean; Professor of Oral Surgery.

DANIEL SMITH LAMB, A. M., M. D., LL. D.,
Vice-Dean; Professor of Anatomy.

ANDREW JOHN BROWN, A. M., M. D., LL. D.,
Vice-Dean; Professor of Operative Dentistry and Operative Technic.

WILLIAM CLARENCE McNEILL, M. D.,
Secretary and Treasurer.

CLARENCE HENRY HOWLAND, D. D. S.,
Emeritus Professor of Dental Anatomy and Pathology.

HENRY PORTER DAVIS, D. D. S.,
Professor of Prosthetic Dentistry, Dental Metallurgy and Prosthetic Technic.

FREDERIC PELHAM BARRIER, D. D. S.,
Superintendent Dental Infirmary and Lecturer on Dental Anatomy.

AMBROSE ELLEYA GASKINS, D. D. S.,
Demonstrator in Dental Infirmary and Lecturer on Crown and Bridge Work.

THOMAS WILLIAM EDWARDS, D. D. S.,
Demonstrator in Dental Infirmary.
COLLINS MARSHALL, M. D.,
Professor of Pathology.

PAUL BARTSCH, M. S., Ph. D.,
Professor of Histology; Director of Physiologic Chemistry and Histologic Laboratories.

HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.

CHARLES IGNATIUS WEST, M. D.,
Associate Professor of Anatomy.

JOHN WILLIAM MITCHELL, M. D., PHAR. D.,
Professor of Materia Medica and Therapeutics.

ERNEST EVERETT JUST, A. B.,
Professor of Physiology.

ALBERT RIDGELEY, M. D.,
Associate Professor (and Demonstrator of Anatomy).

ARTHUR LEO CURTIS,
Lecture on Physical Diagnosis and Anaesthesia.

REQUIREMENTS FOR ADMISSION TO THE DENTAL COLLEGE

The candidate may be admitted to the Dental College upon presenting a diploma or equivalent certificate from an accredited high school or kindred educational institution, or upon passing a satisfactory examination. The diploma must be signed by a superintendent of schools or the principal of a high school, or other responsible school officer and must be accompanied by a blank giving in detail the course of study pursued in each year, together with the number of weeks and the hours per week. This blank must be signed and sealed by the principal of the school the applicant attended. A certificate
showing that a candidate has been graduated from an accredited high school, or from a school giving an equivalent course, signed by a city or county superintendent of schools, or by a state superintendent of public instruction, will be accepted as the equivalent of a diploma. A candidate who does not present a diploma or certificate must take an examination before a state superintendent of public instruction, or his deputy, and bring a report showing that he has a preliminary education equivalent to that to be obtained in an accredited high school.

This school will receive no student in its regular course who is not present within ten days after the opening day of the session in each year, or, in case of necessary delay, by reason of illness properly certified by the attending physician, within twenty days after the opening day, an option of the Faculty.

Students registering agree thereby to accept the discipline imposed by the Faculty.

It is desirable that students register early.

ADMISSION TO ADVANCED STANDING

Students who present certificates from other recognized dental schools covering subjects required in this College, will be accredited with such studies if the credentials are satisfactory to the professors in the respective departments, but when admitted to the third year, the candidate must do one full year's work in this School. Graduates of recognized medical colleges are credited with one year of time.

COURSE FOR DEGREE OF DOCTOR OF DENTAL SURGERY

The course covers three years. The year begins on the first day of October and closes on Commencement Day of the University. There are thirty-two weeks of actual instruction given, six days in each week.

METHODS OF INSTRUCTION

The studies of the course are grouped by departments; the work of each department is graded from the more general and fundamental subjects to the more specialized and advanced.

The work in each department is planned with reference to that of other departments, and the greatest care is taken that the whole shall be so correlated that the student in taking up a new subject will find himself prepared by work done in other departments.
CURRICULUM

The curriculum comprises Anatomy, Anaesthesia, Physiology, Histology, Materia Medica, Therapeutics, Chemistry, Toxicology, Metallurgy, Oral Surgery, Operative and Prosthetic Dentistry, Dental Technic, Pathology, Bacteriology, Hygiene, Orthodontia and Dental Jurisprudence.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Dental Surgery is conferred upon those candidates not less than twenty-one years of age, of good moral character, who have completed satisfactorily the required course of study have passed the examinations therein, and have fulfilled all technical and practical laboratory and clinical requirements. No student will be recommended for a degree who has not been a member of this School during the whole of the last or senior year. The standing of students is based upon examinations, monthly reports of attendance, quizzes and infirmary practice.

No student will be recommended for a degree until all financial obligations to the University shall have been discharged.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted free scholarships in the Dental College to graduates of the M Street High School and the Armstrong Manual Training School, Washington, D. C. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendation.

SPECIAL LECTURES

At stated times important special lectures will be given. The object of these lectures is to afford the student an opportunity to attend special courses given by dental practitioners who are eminent in some special branch of the subject.

These lectures, which are accompanied by clinical demonstrations, add greatly to the value of the regular course.
COURSE OF STUDY

The course of study is graded, and extends over three years.

FIRST YEAR

The first year instruction is in Anatomy, Dental Anatomy, Physiology, Chemistry, Chemical Laboratory, Histology, Materia Medica, Operative and Prosthetic, Technic, Anatomical Laboratory, Physiological Chemistry.

SECOND YEAR

The second year instruction is in Dental Chemistry, Metallurgy, Bacteriology, General Pathology, Dental Pathology, Prosthetic Dentistry, Dental Therapeutics, Operative Dentistry, Anatomy, Physiology, Crown and Bridge Work, Infirmary and Prosthetic Laboratory.

THIRD YEAR

The senior year instruction is a review of the subjects of the second year, Oral Surgery, Dental Medicine, Orthodontia, Crowns and Bridges, including Porcelain Work, General Anaesthesia, Operative and Prosthetic Dentistry, Radiography, Electricity, Dental Jurisprudence and Hygiene.

DENTAL INFIRMARY

FREDERICK P. BARRIER, D. D. S., Superintendent.
AMBROSE E. GASKINS, D. D. S., Senior Demonstrator.

The Dental Infirmary and Laboratory occupies a building with 6,000 square feet of floor space, which is well lighted, ventilated and gives increased facilities. New dental chairs and laboratory apparatus have been added so that the equipment of these departments compares favorably with that of the best colleges, and is especially designed for the successful teaching of modern dentistry. The opportunities offered students for special preparation to enter private practice are not exceeded by any other college.

The Infirmary is open the year round, daily, except Sunday, from 10 A. M. to 5 P. M. It is in charge of educated and experienced demonstrators. Here are taught in practice the theories set forth by the three chairs. Abundant clinical material is always at hand, and
students are required to perform all operations in ordinary practice. No student is excused from this service. The outfit of the Dental Infirmary and of the laboratory is complete.

Students furnish their own instruments, except forceps, lathes and vulcanizers. Dental engines can be bought for from $15.00 to $36.00 apiece. A list of the necessary instruments will be furnished to first-year students, the cost of which will not exceed $20.00.

Special pains will be taken to make the course of teaching practical and at the same time thorough.

No student can enter the senior class unless he has the certificate of the demonstrator and professor that he has attended the regular afternoon clinics during the session.

The fact that the immense hospital of the University, with all its wealth of instruction, is free to the dental classes, and that this hospital is at the very door of the College, makes the opportunity for study unsurpassed.

All friends of the College are requested to add to the collection of curiosities and abnormal specimens now accumulating. Dentists are reminded that the abnormal specimens lying idle in their cabinets may be of great benefit to the student.
PHARMACEUTIC COLLEGE

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
  President.

EDWARD ARTHUR BALLOCH, A. M., M. D.,
  Dean

JAMES HERVE PURDY, Ph. D.,
  Vice-Dean; Professor of Pharmacy, and in charge of Pharmacologic Laboratory.

WILLIAM CLARENCE McNEILL, M. D.,
  Secretary.

EDGAR BURNETT KEEMER, Ph. C.,
  Professor of Theory and Practice of Pharmacy.

JOHN WILLIAM MITCHELL, M. D., Ph. D.,
  Professor of Materia Medica and Therapeutics.

HERBERT CLAY SCURLOCK, A. B., M. D.,
  Professor of Chemistry, Toxicology and Urinalysis.

ERNEST EVERETT JUST, A. B.,
  Professor of Physiology.

.................................
  Professor of Bacteriology.

ADVANTAGES

It is of great advantage to the students of pharmacy to attend a college where medicine, dentistry and pharmacy are taught simultaneously. Students of pharmacy have the benefit of thus associating with a large number of students in annual attendance, coming from all parts of the world, and, as students comprising the different schools are considered on an absolute equality, all have the access to the various clinics, etc., thus affording the students of pharmacy an exceptional opportunity of association with students pursuing studies so intimately related as the professions of pharmacy, medicine and dentistry.
HOWARD UNIVERSITY

REQUIREMENTS FOR ADMISSION

Applicants for admission must present a certificate of good moral character and fitness to enter upon the study of Pharmacy, shall be at least seventeen years of age, and shall have had eight years of grammar school work and four years of high school work or its equivalent, which shall include one year's study in Latin.

ENTRANCE WITHOUT EXPERIENCE

Students are not required to have drug store experience at entrance, and many students enter college who have never worked in drug stores. However, such experience is very desirable, and students are advised to acquire it before taking up the study of Pharmacy.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted free scholarships in the Pharmaceutic College to graduates of the M Street High School and the Armstrong Manual Training School. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendations.

COURSE OF STUDY

Three years' study required before graduation.

The rapid progress made in the sciences and arts directly affecting the practice of Pharmacy, and the widely diversified knowledge now required to keep the pharmacist in touch with the best results of modern research, have made an extension of the course of instruction imperatively necessary. Students entering the College will therefore be required to take a course of study covering a period of three years before they will be entitled to graduation. Upon entry, students will be assigned to the first year class, from which, after passing a satisfactory examination, they will be promoted to the second year and senior classes at the end of the first and second scholastic years respectively.

CURRICULUM

The curriculum comprises Chemistry, Toxicology, Urinalysis, Botany, Materia Medica, Therapeutics, Pharmacy, Pharmacology, Microscopy, Physiology, and Bacteriology.

The course in pharmacy comprises three sessions, each of not less than thirty teaching weeks' duration.

LECTURES, ETC.

Instruction will include didactic lectures, recitations and laboratory work.
The student is admonished that his conduct in the laboratory, his punctual attendance in his classes and interest shown in his work, will have great weight with his instructors, while the lack of these qualities will certainly act against him.

Students will be required to have the necessary text-books for each branch at the beginning of the session. It has been so arranged that only such books as are needed will have to be purchased at once.

EXAMINATIONS

Examinations are held during the week preceding the Christmas vacation. At the close of the session of the first year, students are examined upon the subject matter of the courses included in the year's work. Students failing in three of the subjects of either year are required to repeat the whole year's work and are not eligible for promotion. Students who are conditioned in the subjects of the first year, but who have passed in a majority of them, are examined on the subjects in which they have conditions at the opening of the succeeding session. Failing to pass then, they are required to repeat the course in the subjects on which they are conditioned, in addition to the work of the other year.

ADMISSION TO ADVANCED STANDING

Students who have attended one or more courses of lectures at some other registered college of pharmacy will be admitted to the same class of this College upon presentation of evidence that they have successfully passed their examinations, to which they are entitled by reason of time spent and branches passed.

The final examinations, of which due notice will be given, are held during the two weeks preceding commencement. For admission to senior examinations, attendance upon three full courses of lectures and the laboratory courses is required.

REQUIREMENTS FOR GRADUATION

The diploma of the College confers the degree of DOCTOR OF PHARMACY (Phar. D.). Applicants for this degree must have had the required preliminary education, be of good moral character, have attended three full courses in this College, or the last course in this College and the first two in some other registered college of pharmacy, have passed satisfactory examinations and paid all fees as stated.
SCHOOL OF LAW

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.

BENJAMIN FARNSWORTH LEIGHTON, LL. D.,
Dean; Lecturer on Elementary Law, on the Law of Contracts, and Constitutional, and Statutory Law; also Judge of Appellate Court.

ARTHUR ALEXIS BIRNEY, LL. B. (late U. S. District Attorney.)
Lecturer on Pleading and Practice (at Law and Equity), Equity and Admiralty Jurisprudence; also Judge of Appellate Court.

WILLIAM HENRY HARRISON HART, A. M., LL. M.
Lecturer on Torts, Crimes and Misdemeanors, Corporation, Criminal Pleading and Practice.

WILLIAM HENRY RICHARDS, LL. B.
Lecturer on Evidence, Personal Property and International Law; Judge of Appellate Court.

GEORGE FRANCIS WILLIAMS, LL. M.
Lecturer on the Law of Real Property and Commercial Paper.

MASON NOBLE RICHARDSON, A. M., LL. B.
Lecturer on Partnership, Sales, Executors and Administrators, Insurance, Instructor in Pleading and Practice, Judge of Moot Court.

ROBERT HEBERTON TERRELL, A. M., LL. M. (Judge Municipal Court, D. C.)
Lecturer on Jurisprudence, Practice of Inferior Courts, Legal Ethics and Domestic Relations; President of the Blackstone Club.

DION SCOTT BIRNEY, A. B., LL. B.
Instructor in American Cases on Contracts.
WILLIAM HENRY RICHARDS, LL. B.

Librarian.

GEORGE FRANKLIN COLLINS, LL. B.

Secretary and Assistant Librarian.

GENERAL STATEMENT

The School of Law occupies its own building, a handsome three-story structure, opposite the District Court House, at 420 Fifth Street, N. W. A brief description of the building may be found on page 22.

ADVANTAGES

Washington offers exceptional opportunities to students of law. The fact that Congress assembles here; that here the Supreme Court of the United States and the Court of Claims, with its special jurisdiction, sit; that the various Executive Departments of the general government are located here, should present to the thoughtful, ambitious law student cogent reasons for spending his school life in Washington.

Besides these special advantages, found nowhere else, the Supreme Court of the District of Columbia is trying causes, civil and criminal, in accordance with the principles of common law practice and procedure, most of the year, and the Equity Court holds a term every month. To all these courts students have free access.

There is a superior working law library connected with the school. It is open to students during the school year, at suitable hours.

The Congressional Law Library of upward of 50,000 volumes is open to the public twelve hours each day, thus furnishing gratuitously to the student unsurpassed facilities for investigation.

ADMISSION

All applicants for admission as students in the School of Law must be graduates of some recognized college, high school or academy, and all, except such graduates of some recognized college or university, must pass a preliminary examination. Professor Richards meets applicants for examination on Mondays and Wednesdays during September.

Those desiring to become members of the school should enter their names upon the register of students in the hands of the Secretary, at or before the opening of the academic year, from which registry the roll of students is made up.
It is advised that Blackstone's or Kent's Commentaries and the Federal Constitution be read before entering. A good law dictionary is almost indispensable; Bouvier or Anderson is recommended.

COURSES OF STUDY AND DEGREES

The regular course for the degree of Bachelor of Laws covers a period of three years, and is divided into Junior, Middle and Senior.

The text-books to be used, subject to change, of which due notice will be given are as follows:

Junior year: Robinson's *Elementary Law*; Blackstone's *Commentaries*; Tiedeman on *Real Property*, as far as the chapter on Trusts; Darlington's *Personal Property*; Lawson on *Contracts*, enlarged edition; Daniel and Douglas' *Elements of the Law of Negotiable Instruments*; Schouler on *Domestic Relations*; Hale on *Torts*; Clark on *Criminal Law*.

Middle Year: Andrew Stephen's *Pleading*; Adams on *Equity*; Shepard's *Selected Cases in Equity*; Clark's *Criminal Procedure*; Greenleaf's *Evidence*, Vol. I; Tiedeman on *Real Property*; Wambaugh's *Study of Cases*; American Cases on *Contracts*, by Huffcut and Woodruff.

Senior Year: Cooley's *Principles of Constitutional Law*; Boyd's *Constitutional Law Cases*; Clark on *Corporations*; Burdick on *Partnership*; Burdick on *Sales*; Elliott on *Insurance*; Greenleaf on *Evidence*, Vols. II and III; Schouler's * Executors and Administrators*; Wolsey on *International Law*.

Students anticipating the study of law, as well as those already registered in the School of Law, who may feel the need of strengthening their general education may pursue without extra charge courses in English History, American History, Latin, French, Argumentation, and Political Science, in the regularly organized classes of the College of Arts and Sciences. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are also open to students of the School of Law.

Special lectures are given on special subjects by eminent members of the legal profession from time to time.

It is absolutely necessary for the proper mastery of the course of study prescribed that each student should own a complete set of textbooks named above; failure to do so will hinder proper advancement.
and the mastery of the subjects discussed, and has, in the past, frequently prevented students from obtaining degrees, either absolutely or within the time laid down in the curriculum.

Classes meet at 6.15 each week day during the scholastic year, excepting the usual holidays. This enables many young men who have employment during the day to take advantage of the opportunity offered in the School of Law to equip themselves for larger usefulness. The course of study is so adjusted that the student may extend his studies over a series of years for the completion of the course, or may pursue partial courses and special subjects, receiving due credits for the same.

There are written examinations during the year in all the subjects embraced in the curriculum, in addition to which there are daily oral examinations of students on topics previously assigned or discussed.

The general deportment of students, their attention to study, the accuracy and fullness of their answers to the daily examinations are taken into account, in connection with the written examinations, in determining the worthiness of applicants for degrees.

The American Law Book Company, will present, through the faculty, a complete set of Cyc, with its annual annotations, to date, to the student of the senior class, who shall take the highest scholarship honor for the period of his senior year.

COURTS AND CLUBS

A Moot Court, under the supervision of Prof. Mason N. Richardson, sits weekly, and is made to resemble, as far as possible, an ordinary court of common law and equity jurisdiction. Cases are assigned to students on prepared statements of facts, pleadings are drawn and argument had upon the legal propositions involved, the same as in actual cases. Students thus obtain a better practical knowledge of pleading and practice than can be acquired in any way aside from the trial of actual cases.

The Blackstone Club meets weekly for the discussion of legal questions drawn from leading cases. The questions to be discussed are prepared by Dean Leighton.

This organization was formed mainly for the benefit of the Juniors, but members of the other classes generally participate in the discussions. Thus the student has, from his entrance upon his studies until
he gets his degree, a constant drill in the discussion of legal questions and practice in forensic debate.

An Appellate Court has also been organized, which will sit to hear cases on appeal from the Moot Court or Blackstone Club at such times as may be designated by the court, and the audit of the appeal Docket may require.

The School has no funds with which to aid indigent students. Energetic, industrious students can often succeed in securing employment in the various boarding houses and hotels of the city, by which they succeed in working out their board and often net a little money besides.

Tuition $50, payable semi-annually in advance. Library fee, $1; athletic fee, $1, payable annually in advance. A matriculation fee of $5 is charged by the University, payable by those who have never enrolled in any department. Fee for diploma at graduation $7.

The cost of books for the first year is about $30; for the second and third years $20., each.

School year, October 1st to May 31st. For further information, apply to

George F. Collins, Secretary,
Law School Building, 420 Fifth Street, N. W., Washington, D. C.
ACADEMY

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.

CHARLES SUMNER SYPHAX, A. B., LL. M.,
Dean; Professor of Mathematics.

GEORGE JOTHAM CUMMINGS, A. M.
Dean Emeritus; Professor of Latin and Greek.

EDWARD PORTER DAVIS, A. M.
Associate Professor of Latin and Greek.

SARAH ANNIE BARKER, A. M., Pd. B.
Instructor in English.

SARAH NEVELLE MERIWETHER, A. B.
Instructor in English and History.

DANIEL WEBSTER EDMONDS, Ph. B.
Instructor in Latin.

CYRUS WESLEY MARSHALL, A. B.
Instructor in Mathematics.

HALLIE ELVERA QUEEN, B. S.
Instructor in German, French and Spanish.

FRANK COLEMAN, B. S.
Instructor in Physics and Chemistry.

MARY EDNA BROWN, A. M.
Instructor in English and Mathematics.

The following teachers give instructions to Academy classes as indicated:

CLARENCE ALEXANDRE GUILLOT, A. B.,
Instructor in Biology.

CARL JAMES MURPHY, A. M.
Instructor in German.
HAROLD DeWOLFE HATFIELD, B. S. in M. E.
   Instructor in Woodworking.

HAROLD APPO HAYNES, B. S. in E. E.
   Instructor in Drawing.

CHESTER ARTHUR LYLE,
   Instructor in Printing.

MABEL MADISON JACKSON.
   Instructor in Domestic Arts.

GERTRUDE ELIZABETH SKELTON,
   Instructor in Domestic Science.

GENERAL STATEMENT

The Academy was established by the trustees of the University to provide instruction necessary for the adequate preparation of students for the "College of Liberal Arts." It was essentially at first a preparatory school; but its curriculum is now designed and adapted to meet the needs not only of those whose aim is college preparation but also of those who seek a general high school education, or who enter immediately upon professional study.

It aims to attract students of purpose and ability, and withal, of high moral standards. It is, therefore, no place for those who are so lacking in self-control as to be in constant need of parental restraint or of the special supervision of the schoolroom. A proper regard for duty and a willingness fully to meet all reasonable regulations are absolutely essential. Students whose influence is unwholesome, who manifest habitual indolence, inattention to study, or inability to make satisfactory progress in their classes will be required to withdraw from the Academy.

Opportunities for self-help are open to a few students whose conduct and scholarship are satisfactory. For information as to expense, consult statements of "Expenses" under head of General Information, page 30.

ADMISSION

Every applicant for admission is required to present a testimonial of good moral character. Those coming directly from other schools must bring or send in advance a certified statement of the work done
in the school last attended, and a certificate of honorable dismissal. The admission of a student implies, on the part of himself and of his parents, an agreement to abide by all the rules and regulations of the Academy.

All applicants for admission to the Junior class must be prepared to take examinations in the following subjects: English grammar and composition, United States history and constitution, arithmetic and geography. Applicants who have completed the eighth grade of the District public schools are admitted on certificate.

Applicants for admission to higher classes must give satisfactory evidence of their fitness to do the work of the class they wish to enter.

Credit will be given to those who present full and detailed records of work successfully pursued in other academies or accredited high schools. These records should give the length of the school year in weeks, the number of recitations per week in each subject, the length of the recitation period and the grades made. In all cases advanced classification is tentative and conditioned on the quality of the work done here.

Examinations for admission are held on the opening days of the first semester. All applicants should present themselves at the opening. All former students, who are late in joining their classes, will be required to make up within two weeks, all work omitted by delay in registering.

**SPECIAL STATEMENT**

The Dean will be in his office on the Monday and Tuesday preceding the opening day in September to receive parents and students who may wish to consult with him. New students will find it advantageous to arrange their programmes of study with the Dean on either of these days.

Special attention is called to the fact that the courses in mathematics and the languages begin at the opening of the school year. Those not entering these classes at the opening must be prepared to the point reached by the class at the time of their late entrance.

In special cases, courses in the Conservatory of Music may be taken along with the regular academic work; but the time required for graduation from the Academy will be thereby prolonged.
A report of the scholarship record, attendance and effort of each student, transcribed from the permanent records of the Academy, is sent to the parent or guardian of each pupil, as soon as practicable, after the close of each semester. Similar information will be sent at any other time on request.

GRADUATION

The satisfactory completion of sixteen units of secondary work will be necessary for graduation. A unit of secondary work represents a year's study in any subject in a secondary school, pursued for thirty-six weeks with four periods of sixty minutes each, per week. Of the sixteen units required for graduation, there must be four units of English, four units of foreign language, of which two units must be of Latin, two and one-half units of mathematics and one unit of history, and four and one-half elective units, of which elective units one must be History III, if the student has not already had American history and civics.

Certificates of graduation from the Academy are accepted by the leading colleges, which admit on certificate. The Faculty of the Academy points with pride to the records of many of its graduates who have entered the eastern colleges.

COURSES OF STUDY

JUNIOR YEAR

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<td>Latin I</td>
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<td>History I</td>
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<td>Drawing I</td>
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### Sub-Middle Year

#### Classical

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<td>Latin II</td>
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<td>Mathematics II</td>
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<td>Greek I</td>
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#### Scientific

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### Middle Year

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#### Elect One

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### Senior Year

#### Classical

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<td>History III</td>
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<td>Spanish</td>
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#### Scientific

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<td>French II</td>
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<td>Spanish</td>
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DESCRIPTION OF COURSES

ENGLISH

The courses in English include training in composition and reading of literature. They aim (1) to give the student such standards of correctness as will enable him to express his thoughts with clearness and facility, and (2) to arouse in him an interest in good books, thereby cultivating a habit of reading and a love of the best and noblest in literature.

I. This course reviews the principles of English grammar, in the study of which especial attention is given to the analysis of sentences, to participles and infinitives, and to verbs. Much attention is given to orthography, syntax and sentence structure. The class reads two or more selections from College-Entrance Requirements in English; preference this year being given to readings in Ashmum's Prose Literature and to Matthew Arnold's Sohrab and Rustum.

Throughout the year composition, both oral and written is given much attention. One simple theme a week written out of the class room is required. Also written work in the class room is given.

Text: Hanson's Two Year Course in English Composition.

II. In this course the rules of punctuation are learned and applied. The general principles of rhetoric are studied and composition involving the application of these principles receives careful attention. Readings from the College-Entrance Requirements in English are continued.

In composition work the plan of the preceding year is followed. The aim is to give plenty of drill in writing.

Text: Outlines of Composition and Rhetoric by Genung and Hanson.

III. In the third year, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas are studied. Lowell's Vision of Sir Launfal, Coleridge's Ancient Mariner, Goldsmith's Deserted Village, Scott's Lady of the Lake, and other selections from College-Entrance Requirements in English are read. The composition work embraces one formal theme a week, supplemented by considerable written work in the class room, corrected in conference with the instructor.

IV. In the fourth year, Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration, Macaulay's Essay on Samuel Johnson, or Carlyle's Essay
on Burns, and Shakespeare's Macbeth are studied. There are other readings from the College-Entrance Requirements in English. The general characteristics of the debate, the essay and the drama are taught. Theme writing is emphasized. One formal weekly theme. Much attention is given to writing in the class room.

**Latin**

I. This course is devoted to the mastery of forms and elementary syntax, and to the acquirement of a working vocabulary. During the second semester there is translation of simple Latin at sight and from hearing. After the completion of the Latin lessons, easy fables and stories are read. The text is Latin Lessons, by M. L. Smith.

II. There is further work in inflection and in the building of a vocabulary. Syntax is studied with careful attention to idioms. Translation at sight and from hearing is required. The first four books of Caesar's Gallic War are read. Prose composition based on the selections read occupies one recitation period each week. The texts used are Bennett's Caesar, Bennett's New Latin Composition, Bennett's Latin Grammar, and Leiper's Latin Subordinate Clause Syntax.

III. This course embraces six orations of Cicero—the four against Catiline, the Manilian Law, and the Archias—with selected passages from Sallust's Catiline. During the latter part of the second semester Book I, of Vergil's Aeneid and selections from Ovid's Metamorphosis are read. Latin prosody is studied and applied to the metrical reading of Vergil and Ovid. There are weekly lessons in prose composition throughout the year. Allen and Greenough's Cicero, Allen and Greenough's Latin Grammar, Kittredge's Vergil and Leiper's Latin Subordinate Clause Syntax are used as texts.

IV. The first six books of the Æneid are read and carefully studied. An effort is made to awaken an interest in the "stateliest measure ever moulded by the lips of man." Daily practice is given in applying the principles of prosody and in gaining facility in scanning. Attention is given to the myths, Roman customs, figures, noted passages, typical character of Æneas. Vergil's indebtedness to Homer, and other topics, suggested by the development of the poem. Translation of paragraphs of English into Latin. Sight reading will be confined to other books than the first six.

Texts: Greenough and Kittredge's Vergil.
Greek

I. Elementary Greek. This course is devoted to the mastery of the elementary forms and of the principles of syntax by daily drill in oral and written work. Practice in reading text and in sight translation. Xenophon's Anabasis is begun.


II. In this course at least four books of Xenophon's Anabasis are read, together with a thorough study of Greek grammar, and the application of its principles to the text studied. Greek prose composition and sight-translation throughout the year.

Texts: Goodwin's Anabasis, Goodwin's Greek Grammar.

III. This course embraces at least four thousand lines of Homer's Iliad; e. g., Iliad I-III (omitting II 494 and end) and VI.-VIII. Special attention is given to Homer's forms and syntax, and to facility in scan­sion. Greek composition is continued. Practice in sight translation.

Text: Sterritt's Homer's Iliad.

German

I. The work of this course consists of a study of pronunciation and the elementary principles of grammar. A constant effort is made to acquire a use of the language by reading, speaking and frequent repetition of easy sentences. Text: Bacon's Elements of German.

II. This course is a continuation of practice in speaking and writing the language, and of drill in grammar and the use of idioms. The following text-books are used, Volkmann's Kleine Geschichte; Heyse's L'Arrabbiata and Bacon's Im Vaterland.

French

I. The work of the course consists, primarily, of a thorough study of the rudiments of French grammar. Particular emphasis is laid on pronunciation and there is frequent practice in simple conversation and reading aloud. About 200 pages of graduated French texts are read. The text-books are (1) for grammar, François Essentials of French; (2) for reading, Lazare's Les Plus Jolis Contes des Feés.

II. This course is devoted largely to the translation of French prose and poetry. There is constant drill on the idiom and at least a third
of the time is spent on systematic prose composition and dictation. About 300 pages of French texts are read. The text-books are (1) for grammar, first half of Colin and Sérafaron's Principles of French. (2) for reading, Rollin's French Reader and Daudet's Tartarin de Tarascon.

**Spanish**

The course is planned with a view to familiarize the student with Spanish grammar and to give him the principles of conversation. The broad connections between the United States and the Spanish-speaking countries demand this. The text-books used are (1) Spanish Grammar, by M. A. DeVitis, published in 1915 by Allyn & Bacon; (2) for reading, the Heath Series. For 1915-1916 and 1916-1917 the readings will be from Heath's Libro Cuarto de Lectura.

Open to Seniors only.

**Mathematics**

I. Elementary Algebra. This course comprises the study of Elementary Algebra to quadratics, covering the four fundamental operations: factoring; determination of H. C. F. and L. C. M. by factoring; fractions; linear equations, both numerical and literal, containing one or more unknown quantities; problems involving linear equations; radicals; evolution, and exponents, both fractional and negative.

Text: Wentworth and Smith's Academic Algebra.

II. Plane Geometry. This course covers the five books of Plane Geometry. Rigorous demonstration is always insisted upon. The solution of numerous original exercises, including loci problems, and the mensuration of lines and plane surfaces receive much attention.

Text: Wentworth and Smith's Plane and Solid Geometry.

III. (a) Elementary Algebra. This work begins with a review of the essentials of Mathematics I, and embraces the study of quadratics, including simultaneous quadratic equations and equations in the quadratic form.

Text: Same as in Mathematics I.

III. (b) Intermediate Algebra. This course comprises a review of quadratics and includes the study of ratio and proportion, the progressions, the binomial theorem for positive integral exponents, and logarithms.

Text: Same as in Mathematics I.
IV. (a) Plane Trigonometry. This course embraces the definitions and relations of the six trigonometrical functions as ratios; the proofs of the principal formulas; the transformation of trigonometric expressions by means of these formulas; the solution of simple trigonometric equations, and the solution of right and oblique triangles, together with their practical application.

IV. (b) Solid Geometry. This course embracing the three books of Solid and Spherical Geometry, is completed during the second semester. The solution of numerous original exercises, including loci problems and the mensuration of surfaces and solids, receive much attention.

Text: Same as in Mathematics II.

HISTORY

I. Ancient History. The course deals with Greece and Rome principally but includes some account of the Oriental nations and of the Middle Ages to the ninth century. Emphasis is laid on the geography of the ancient world. Text: Myers' Ancient History.

II. English History. This course traces the development of the political institutions and the progress of the English people along social, industrial and economical lines. Emphasis is laid on the early mingling of races, the rise of Parliament and the relation of England to her colonies. The aim is to develop an appreciation of historical movements and events, and the ability to form accurate judgments. Geography receives due attention. Text-book: Cheyney's Short History of England.

III. (a) American History. This course presupposes a knowledge of the elementary facts, such as is gained in a good grammar school. The distinctive features and controlling forces of colonial and national life are studied topically. Especial attention is given to the Greater United States, to the insular possessions and to the present relations of the United States with other countries. Students are required to do much outside reading. The text used is Muzzey's American History.

III. (b) Civil Government. This course is intended to give the student a thorough knowledge of the American Constitution, to prepare him for active and intelligent citizenship. It acquaints him with the machinery and varied activities of the American Government, and en-
Courages the study of modern problems and conditions. Collateral reading is assigned. Occasional attendance upon the sessions of Congress is required.

**Physics**

This course has three distinct aims: (1) To acquaint the student with the elementary facts of the science, (2) To develop initiative and reasoning power, and (3) To train the hand in doing what the brain commands. The methods, by which these aims are secured, are recitations, lectures, demonstrations, the solution of numerous problems and laboratory work. The student is required to record with accuracy and neatness the results of his experiments in a note-book, which is submitted to the instructor for examination. A fee of one dollar ($1.00) is charged for apparatus.

Text: First Principles of Physics, by Milliken & Gale.

**Chemistry**

The course in Chemistry embraces the study of a standard text-book, presenting the most important facts and laws of Elementary Chemistry. Instruction is given by means of recitations, problems, lectures and individual laboratory work. A well kept note-book, in which all experiments performed by the student are recorded, is one of the requirements of the course. A fee of three dollars ($3.00) is charged for chemicals and supplies.

Text: First Principles of Chemistry and Laboratory Manual, by Brownlee and others.

**Biology**

This course is designed to give an introduction to the fundamental properties of living organisms, to bring the student into sympathy with the plant and animal world, and to cultivate the power of careful observation. Selected types are studied in the laboratory to illustrate the chief principles in Biology and to emphasize the economic value of plants and animals. The first semester is devoted to animal types, the second to plant. A fee of two dollars is charged. Textbook, Biglow’s Applied Biology.

**Physiography**

The aim of this course is to gain a knowledge of the essential principles of Physical Geography, as set forth in the leading secondary text-
books on the subject. The topics treated are: (1) The earth as a globe, (2) the ocean, (3) the atmosphere, and (4) the land. The effects of the forces of nature upon human life and civilization receive attention.

Text: Saulsbury's Physiography.

**Physical Training**

In order to promote that vigorous condition of the body which is an essential aid to proper mental development and symmetrical physical growth, the Trustees have provided courses in Physical Training, two hours a week. These courses are compulsory for all Academy students and constitute an important part of the regular work required for promotion and graduation. An adequately equipped gymnasium has been provided to meet the requirements of these courses.

**Manual Training**

All students in the Junior and Sub-Middle classes of the Academy are required by the Trustees to give four hours each week to Manual Training, not however, for the purpose of learning a trade, but for its value in a general education.

**Junior Class**

Boys. Drawing I and Woodwork I or Printing I.
Girls. Domestic Arts I and Domestic Science I.

**Sub-Middle Class**

Boys. Drawing II and Wood-Turning or Printing II.
Girls. Domestic Arts II and Domestic Science II.

**Drawing**

I. Freehand. In the first semester, Junior year, drawing as a medium of expression. Expressing simple forms by lines. Drawing of geometrical figures. Study of the position and proportion of figures. Expressing three dimensions by lines. Study in outline of simple geometrical solids and common objects, singly and in groups.

In the second semester, continuation of expressing three dimensions by lines. Freehand and mechanical perspective. Expressing form by light and shade. Object drawing and shading from models.

II. Mechanical. In the first semester Sub-Middle year, explanation of the different kinds of drawing for various purposes. Materials and

In the second semester, continuation of working drawings. The practical use of isometric and cabinet projection and explanation of their principles. Mechanical drawings from pupils' free-hand sketches: nuts, bolts, blocks, iron clamps, castors, shaft-bearings, pulleys, etc.

WOODWORK

I. This course in the first semester, Junior year, embraces a series of progressive exercises outlined by blue prints, and the use and care of the different tools, etc.

Second Semester. The application of the principles of the joints made in the first semester is shown in the construction of useful articles in furniture and also in building construction. Some time each week is devoted to talks on the identification of the common woods and wood technology.

II. Wood-Turning. The course is taken by Sub-Middlers and consists of a series of progressive exercises, of teaching the student the use and care of wood-turning tools, and lathe work. Exercises involving the various methods of turning between centers, face plate and chuck work.

Text: Resides & Diemer.

In the second semester, this work includes a series of advanced exercises in carpentry and joinery suitable for high schools. Original projects designed and executed by the pupil

PRINTING

A general study of the principles and methods of the work of a printing office, including instruction and practice in composition (typescript), proof-reading, make-up and press work.

I. The study of type; including Roman and display types of various styles; its composition, features and value. General study of the principles and methods of materials and their usage. Actual work in straight composition.
II. Commercial and advertising composition, platen presswork and the study of machinery pertaining to printing. This course is designed with the idea of aiding students who are desirous of furthering their knowledge in printing and of taking up the work as a profession. It is a combination of theoretical and practical instruction.

**Domestic Arts**

I. This course is required of Juniors and includes:
1. Instruction in the principles of sewing and the use and care of the sewing machine and its attachments.
2. Hand and machine sewing as applied to undergarments; also a study of the various materials used in undergarments with special reference to cost, suitability and durability.
3. Simple embroidery.
4. Basketry.

II. This course is taken by Sub-Middlers and embraces:
1. A study of the choice and economical use of dress materials and the use of patterns.
2. The planning, cutting, fitting, making and trimming of simple unlined garments.
3. Embroidery.
4. Millinery—the making of wire and buckram frames and the general trimming of hats.

**Domestic Science**

I. The course includes a study of the body, its composition and demands, the need of obedience to natural laws, the means of heeding these laws through the careful selection, preparation, and serving of foods and through general hygienic living, the acquaintance with and care of modern kitchen equipment, and the economical use of household material, of time and of energy.

II. This work covers acquaintance with the house in general: it equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first-aid in emergencies; the classification of foods; principles underlying the cookery and use of proteins, carbo-hydrates and fats; combining foods; menu-making and the preparation of meals; prevention of waste; reducing of cost of food; the purchasing, storage and preservation of foods.
SCHOLARSHIPS AND PRIZES

A permanent scholarship of twenty-five ($25.00) dollars is offered by the Dean of the College of Arts and Sciences "to the graduate of the Academy who shall maintain the highest average in his studies and who may wish to pursue his studies in the College of Arts and Sciences for the next ensuing year." For the year 1915-'16 this scholarship was awarded to James Lacey Doss, Alexandria, Va.

The Dean of the Teachers College also offers a permanent scholarship of twenty-five ($25.00) dollars "to the highest ranking graduate of the Academy desiring to enter the Teachers College." For the year 1915-'16 this scholarship was awarded to Norma Belle Clayton, Lynchburg, Va.

Mr. Robert Robertson has offered as a memorial of his brother, the late Clifford C. Robertson, instructor of mathematics in the Academy, an annual donation of ten ($10.00) dollars to be used for prizes; one-half of which is awarded for excellence in Plane Geometry, and one-half for excellence in Elementary Algebra.

For the year 1914-'15 the C. C. Robertson prize of five ($5.00) dollars for the highest grade of excellence in Plane Geometry was awarded to Lewis Keith Madison, Warrenton, Va., and the C. C. Robertson prize of five ($5.00) dollars for the highest grade of excellence in Elementary Algebra was awarded to John Duncan Earle, New York City, N. Y.

The Frank Coleman prize of five ($5.00) dollars for the best work in Physics and Chemistry was awarded to Chauncy Depew White, Mathews, Va.

Mr. Wm. A. Pollard, an alumnus of the Academy and also of the College of Arts and Sciences, has offered a permanent prize of five ($5.00) dollars to be awarded annually to the student attaining the highest rank in first year English.

The sum of fifty ($50.00) dollars has been kindly donated by a friend of the Academy to be awarded as prizes during the year 1915-'16. The Faculty has apportioned it as follows:

A prize of ten ($10.00) dollars in English II.
A prize of ten ($10.00) dollars in English III.
A prize of ten ($10.00) dollars in English IV.
A prize of ten ($10.00) dollars in Greek I.
A prize of ten ($10.00) dollars in Greek II and Latin IV combined.
Each of these prizes will be awarded to the student whose standing for the current year shall be the highest in the subject to which the prize is granted, provided the yearly average shall be above 85 per cent.

In awarding a prize, the Faculty will consider in each case, regularity of attendance, punctuality and general deportment of the competing students.

LITERARY SOCIETIES

Two literary societies are conducted by the students of the Academy, one, the Eureka, by young men, and the other, the Phyllis Wheatley, by young women. These societies aid in developing self-control, give practice in debate and declamation, and skill in parliamentary law. The Eureka several times has resolved itself into a Mock Congress, patterned after the Congress of the United States. Debating teams from the Eureka from time to time, have won laurels in interscholastic debating contests. Weekly meetings are held.

ATHLETICS

The Academy aims to encourage manly sports by fostering athletic activities along various lines. Teams are organized in football, baseball, basket-ball, track and tennis; and annual interscholastic contests are held. Not a few trophies attest the prowess of these representative teams. All athletics are under the direct supervision of the Athletic Council, representing the Faculties of the University, and of the Athletic Association, composed entirely of students.

No student, whose record is unsatisfactory in point of scholarship, attendance or general conduct, will be permitted to share the honor of representing the Academy in any interscholastic contest.

THE ACADEMY HERALD

The students of the Academy publish a monthly paper, in magazine form, of twenty pages. It aims to publish general University news and to reflect especially the life of the Academy. It is officered entirely by students of the Academy whose contributions give practice in the use of English. (Not issued in 1915-16.)
UNCLASSIFIED STUDENTS

Under this caption are listed (1) the names of those students registered in the Academy (a) who are pursuing two or more Academy courses yet not attempting the full work of a class, (b) who are making up their deficiencies in college entrance units, having failed to present the necessary number of units for admission, and (2) the names of those students registered in one of the colleges or schools of the University who are pursuing at least one course in the Academy.

MISCELLANEOUS INFORMATION

Every student is required to carry a full schedule of sixteen hours of recitation per week, unless excused from this requirement by written permission of the Dean. No student may discontinue or change a study without the written approval of the Dean. No student may carry more than five subjects without permission of the Faculty.

If any student in the Senior class of the Academy shall not fail in more than two studies, the Dean, in his discretion, may allow such student to take appropriate advance work in the School of Liberal Arts, in case he returns for further study; but he must make up his deficiencies during that school year, otherwise he will be debarred from further advanced privileges until he shall have completed all of his secondary course.

Students of the Academy are not allowed to belong to any society, club, organization or association, or have meetings with such in the city or elsewhere, or have entertainments of their own without permission of the Faculty.

Students are not permitted to leave the city without due permission. Permission to go home is granted only on written request of parent or guardian.

Admission blanks will be furnished on application, and all letters of inquiry will be promptly answered by the Dean of the Academy.
COMMERCIAL COLLEGE

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President

GEORGE WILLIAM COOK, A. M., LL. M.,
Dean; Professor of Commercial Law and International Law.

CORA ELIZABETH DORSEY,
Instructor in Shorthand.

WALTER DYSON, A. B., A. M.,
Associate Professor of History and Economics.

PHEBE ANNE ISADORE HOWELL, A. B.,
Instructor in Bookkeeping and Accountancy.

GEORGE WASHINGTON HINES, A. B.,
Instructor in Finance, Business Organization and Typewriting.

ANNA MINER CECIL,
Instructor in Bookkeeping and Commercial Arithmetic.

WILLIAM BILLINGS,
Instructor in English and Business Correspondence.

GENERAL STATEMENT

In almost every section of the United States interest in commercial and business opportunities is constantly growing. To meet this situation the Commercial College has been established. The curricula, which cover four years and lead to a diploma, afford careful preparation for a business career and so train young men and women that they may readily adapt themselves to whatever business occupation opens to them.

It is expected of our graduates not only that they will prove capable of serving individual enterprises, but also that they will become factors in arousing entire communities to their obligations and privileges in the world of business. The courses are thoroughly practical and give
that attention to detail which fits one for the management of property, for expert accountancy and stenography, and for the conduct of business enterprises. They are recommended for those who desire to enter civil service examinations. Graduates have had gratifying success. Reference to the curricula will show that the study of English is a part of the Commercial Courses, and will be of great advantage to any who desire a liberal education. Attention is called to the opportunities afforded to students of other departments to elect studies in the Commercial College.

ADVANTAGES

Howard University is well situated for gaining advantages of study in commercial lines. Through the courtesy of government officials access may be had to original information in the many departments and bureaus of the government. Public documents and libraries in special lines of work may be consulted without cost to the student.

REQUIREMENTS FOR ADMISSION

All applicants for admission to the First Year Classes of the Commercial College must have completed the grammar grades or must pass an examination in arithmetic, English grammar, United States history and geography. Examination for advanced standing will be given upon request.

The Commercial College offers two courses: The secretarial course and the accounting course.

DESCRIPTION OF STUDIES

STENOGRAPHY

Stenography is studied during the second, third and fourth years of the Commercial course.

The system taught is the "Pitman," used by many of the best known Congressional reporters.

Shorthand I. The principles of shorthand are studied and mastered, one-half during the first semester and the remaining half during the second. Text-book: Barnes' Shorthand Manual.
Shorthand II. The first semester is devoted to advanced study as given in the Reporter's Companion. Text-book review. The second semester is devoted to phrasing, dictation, and training for practical work.

Shorthand III. Special attention is given to speed writing. A student is required before graduation to attain a speed of at least one hundred words per minute.

Students are aided in the acquisition of speed by use of the dictaphone. Miss Dorsey.

BOOKKEEPING

The study of bookkeeping is not begun until the second year, in order that pupils may have had sufficient training in English, commercial arithmetic and typewriting to enable them to make direct progress without being handicapped by lack of preparation in these essential subjects.

In the first semester the general principles of Double Entry are taught, four sets being given illustrating retail work in different lines of business. Considerable business practice is introduced, including the making out and use of business papers, such as receipts, checks, notes, invoices, orders and business letters. Part II is then taken up, with a special study of drafts, acceptances, shipments, etc., and a more extended business practice, in which the pupils serve in turn in the offices and the use of the filing cabinet and adding machine is learned. Sets are given illustrating a Jobbing Furniture Business, a Wholesale Grocery Business, and a General Dry-Goods Business.

In the last year a set in Banking and a set in Real Estate are given. The Goodyear-Marshall texts are in use and the work is carried on with all the accompanying papers of real business, making the work both interesting and practical. Sets in Commission, Manufacturing, Insurance and Advanced Accounting may be elected by those desiring more bookkeeping.

Students who enter with advanced standing may be given an opportunity to complete all of the required bookkeeping work in two years instead of three if the number of such applicants warrants the formation of such a class. Miss Howell.

Miss Cecil.
FINANCE-FUNDS AND THEIR USES

The purpose of this course is to consider the getting and spending of funds for private enterprise,—the various forms of money and credit used as funds, and the means of transfer of credit funds. Modern methods of obtaining funds, institutions and agents employed in funding operations are given attention. Present financial problems and tendencies are discussed.

Mr. Hines.

TYPEWRITING

Our aim is to give a practical course in typewriting, a scientific method of mastering the keyboard by the sense of touch. The mechanism of standard machines, business forms, legal forms, manifolding, tabulating and the cutting of stencils are taught.

Emphasis is placed upon training the student to take dictation on the typewriter. Fifty words per minute is the speed required.

Mr. Hines.

HISTORY

In each course emphasis is laid upon the social, industrial and commercial life of the people.

History I. The Ancient World. This course deals with Greece and Rome principally, but includes some account of the Oriental Nations and of the middle ages to the ninth century.

History II. English History. Emphasis in this course is laid upon the geography of the British Isles, the early mingling of races, the rise of Parliament and the House of Commons, the main movements in the history of Continental Europe, the relation of England to her colonies, and her commercial supremacy.

History III. American History. The History of the United States, especially since the Civil War, her industrial development and commercial relations with other countries are emphasized.

History IV. History of Commerce. The aim of this course is to review, collect and organize the work of the preceding courses from the commercial point of view by tracing the development of Commerce from the earliest times.

Associate Professor Dyson.
COMMERCIAL LAW

This course is designed to give a student the practical knowledge in business affairs, enabling him legally to protect his own property rights, and to respect those of others.

The work is pursued in an elementary manner under the following heads: General principles of law, contracts, negotiable paper, agency, partnership, corporations, bailments, sales, copyright, insurance, real estate transfers.  Dean Cook.

BUSINESS ECONOMICS

The commonly accepted divisions of general economics, namely, production, exchange, distribution and consumption are discussed from the business point of view. The aim is to give the student a grasp of the fundamental economic principles with their application to some of the more practical problems in the United States at the present time.  Mr. Hines.

BUSINESS ENGLISH

This course offers the subjects required for college entrance. It affords a training in the higher art of Business English.

Business English is a term which has been introduced into educational curricula within the past ten years to designate the practical training in writing and speaking for business purposes that has been made necessary by modern commercial conditions. This course aims to teach Business English as an art. Not only is the value of expression taken into account, but also the impression made upon the reader or listener in business discourse.

While Business English is not a separate language, it differs in use from literary English in the following particulars; nomenclature of commerce and idioms peculiar to business expression; business abbreviations, signs and symbols; distinctive style required by business relations.

The literary part of the course is presented with the following points in view; to teach the student to write and speak intelligently and explicity; to broaden his vocabulary; to acquaint him with standard authors and to enable him to acquire a taste for their works.
FIRST YEAR: Routine Business Letters; grammar, spelling and punctuation; composition on subjects of common observation.

Palgrave’s Golden Treasury; Irving’s Sketch Book; Twice Told Tales.

SECOND YEAR: Narration and Description; rhetoric and dictation; letters and circulars comprising words and terms common to accounting, banking and real estate; current news and financial topics.

Macbeth; L’ Allegro and II Penseroso; selections from Tennyson.

THIRD YEAR: Exposition and advertising; circulars and advertisements must be constructed, requiring on the part of the student a knowledge of stocks and bonds, corporate law and finance; analytical and comparative study of actual business literature. Business English this year will cover a wide field of commercial information.

Hamlet; Washington’s Farewell Address and Webster’s Orations; Carlyle’s Essay on Burns.

FOURTH YEAR: Argumentation and Public Speaking; reports on current financial news.

Burke’s Speech on Conciliation with America; Emerson’s Essay on Manners; Julius Cæsar.

Collateral reading will be assigned throughout the course in conformity with the recommendations of the National Conference on Uniform Entrance Requirements.

BUSINESS ORGANIZATION

A study of the principles underlying the modern organization of business and of the recent application of system. Methods and the results in the efficient organization of labor, the location of the factory, the factory building and equipment and the problems involved in the economic management of the factory are considered. In so far as it is possible, typical forms and systems of plants in the community shall be examined and made the basis of classroom discussion, as well as the use of a text in business organization, assigned reading and lectures.

Mr. Billings.

Mr. Hines.
COMMERCIAL GEOGRAPHY

A systematic study setting forth the facts which control the distribution of population, transportation, industries and wealth. The object of this course is to present the underlying principles of distribution and characteristics of the chief raw materials of commerce, and their influence upon trade and industry. Various departments of the government give free access to original information concerning geographic influences, and the National Geographical Society affords a rare opportunity for the students to acquaint themselves with recent developments in this subject.

Miss Cecil.

MATHEMATICS

In Commercial Arithmetic the usual operations are studied, including aliquot parts, bills and accounts, measurements, computations in the trades, percentage, commercial discounts, marking of goods, profit and loss, commission and customs, interest, taxes, insurance, bank discount, savings bank accounts, partnership, exchange, building and loan associations, stocks and bonds, etc., with short computations and the application of modern business methods in each.

An earnest effort is made to enable the pupil to acquire a working knowledge of the principles and methods of handling numbers in the transactions of business affairs such as the bookkeeper or the business man or woman must necessarily encounter. The Inductive Commercial Arithmetic by Goodyear and Marshall, edition of 1914, is in use at present.

Algebra is taken five times a week during the entire first year, and includes all elementary work to quadratics.

Miss Howell.
Miss Cecil.

PRIZES

In order to stimulate efficiency and higher scholarship, the following prizes are offered for students in the Commercial College:

For the student in the Senior class making the highest general average in Shorthand, the Carrie R. Burton-Overton prize of $5.00.

For the student in the Fourth class making the highest general average in Typewriting, the Helen E. Kilbreth-Phillips prize of $5.00.

For the best Practical Bookkeeper in the Fourth class, the C. Benjamin Curley prize of $5.00.
The David E. Wells prize of $5.00 will be awarded this year (1915-16) to the student in the Senior class attaining the highest speed in Shorthand.

The S. B. Whitehead prize of $5.00 will be awarded this year (1915-16) to the person in the Department of Economics and History, offering the best—the most original life story of some living Negro Business man or woman.

The Irene Johnson prize of $5.00 will be awarded this year (1915-16) to the person in the Department of Economics and History, offering the best paper on some phase of the Negro Woman in Economic Life to-day.

Publications
Commercial College Outlook
Studies of the Colored People in Business.
### COURSES OF STUDY

#### First Year

**First Semester**

**SECRETARIAL COURSE**

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**Total**: 23

#### Second Semester

**SECRETARIAL COURSE**

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#### Second Year

**First Semester**

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<td>General History</td>
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<tr>
<td>Bookkeeping I</td>
<td>5</td>
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<tr>
<td>Shorthand I</td>
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<tr>
<td>Typewriting II</td>
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**Total**: 22
## Second Semester

### Secretarial Course
- English II .................................... 4
- General History .......................... 3
- Bookkeeping I ............................ 5
- Shorthand I ................................ 5
- Typewriting II ............................ 5

### Accounting Course
- English II .................................... 4
- General History .......................... 3
- Bookkeeping I ............................ 5
- Shorthand I ................................ 5
- Typewriting II ............................ 5

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## Third Year

### First Semester

#### Secretarial Course
- Prescribed
  - Shorthand II ............................ 5
  - American History ........................ 3
  - Commercial Geography .......... 3
  - Commercial Correspondence. . 4

<table>
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<tr>
<th>Credit Hours</th>
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#### Accounting Course
- Prescribed
  - Bookkeeping II .......................... 4
  - American History ........................ 3
  - Commercial Arithmetic II ........ 3
  - Commercial Correspondence. . 4

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<th>Credit Hours</th>
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### Second Semester

#### Secretarial Course
- Prescribed
  - Shorthand II ............................ 5
  - Civics ........................................ 3
  - Commercial Correspondence. . 4
  - Business Economics ............ 3

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#### Accounting Course
- Prescribed
  - Bookkeeping II .......................... 4
  - Civics ........................................ 3
  - Commercial Correspondence. . 4
  - Commercial Arithmetic II .......... 3

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#### Electives
- Typewriting
- Commercial Arithmetic
- Bookkeeping
- Spanish
- German
- French
- Latin

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#### Electives
- Shorthand
- Typewriting
- Commercial Geography
- Spanish
- German
- French
- Latin

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## FOURTH YEAR
### First Semester

#### SECRETARIAL COURSE
- Prescribed:
  - Shorthand III .................. 5
  - English IV ..................... 4
  - Funds and Uses ............... 2
  - Commercial Law .............. 3

#### ACCOUNTING COURSE
- Prescribed:
  - English IV ..................... 4
  - Banking ......................... 4
  - Commercial Law .............. 3
  - Funds and Uses .............. 2

| Total | 14 |

## Second Semester

#### SECRETARIAL COURSE
- Prescribed:
  - Shorthand III .................. 5
  - English IV ..................... 4
  - Business Organization .......... 2
  - Commercial History ........... 3

#### ACCOUNTING COURSE
- Prescribed:
  - English IV ..................... 4
  - Real Estate ..................... 4
  - Business Organization .......... 2
  - Commercial History ........... 3

| Total | 13 |

#### Electives
- Bookkeeping
- Spanish
- French
- German
- Latin
- Geometry

| Total | 3 hours |

Electives must be taken only by knowledge and consent of the Faculty and from the regular schedule of work.

No student shall take less than eighteen hours per week. Students electing year studies must continue them for one year at least. Students desiring to change any course already assigned must make written request to the Faculty.
DEGREES AND DIPLOMAS CONFERRED, 1915

COLLEGE OF ARTS AND SCIENCES

A. B.

Banister, William Benjamin
Crawford, Frederick Douglass
Dingle, John Gordon
Hall, Henry M.
Hawkins, James Blake

Hendley, Charles Vergne
Lester, Aurelius Pitts
Sheppard, Madeline
Wilson, John Henry

Honorable Mention
Donald, Henderson Hamilton

A. B. Cum Laude

Andrews, Robert McCants
Fitzpatrick, Frank Norman
Jordan, John Arthur

Pollard, William Augustus
Porter, Virginia May
Tavernier, Alford Hilton

B. S.

Catlett, Annie Henrietta
Clayton, Benjamin Wilbert
Crawford, Robert Percy
Davis, Pierre Henri
Harris, Ethel Catherine
Harrison, Joseph Plummer
Jones, Samuel Arthur

Maloney, Franklin Charles
Scruggs, Ivorite Lorimer
Simon, William
Thompson, Charles Wilson
Vincent, William Ferdinand
Walker, Micajah Theodore
Woodford, Charles Mason

B. S. Cum Laude

Johnson, Charles Leonard
TEACHERS' COLLEGE

A. B. with Teachers' Diploma in Education

Adams, Charles Stuart
Anderson, Aramenta Henrietta
Brinkley, Ruth Catherine
Crampton, Earl Harrison
Franklin, Joseph Alexander
George, Clayborne
Jackson, Margaret Edna

Jordon, Jesse Reuben
Kidrick, Lucy Wilson
Morse, Leonard Francis
*Rose, Bertha Alexia Madden
Ruffin, Guy Stephen
Toles, Sara Edessa
Woodward, Joseph Nathaniel

A. B. with Teachers' Diploma in Education

Honorable Mention

Clair, Matthew Walker, Jr.
Gunner, Mary Frances

Redden, Meta Augusta
Walker, Homezelle Scott

Cum Laude

Cuff, Ethel Letitia
Lee, Helen Eliza Katherine

Sandors, Ada Frank
Wyche, Julia Inez

Magna Cum Laude

Fearing, Gladys Christine

Toliver, Gladys Eleanora Neoma

B. S. with Teachers' Diploma in Education

Chipman, Charles Henry
Foster, William Henry

Harris, Jemima Laura
Howard, James Ross

Cum Laude

Brown, Bernardin Sedricks

Honorable Mention

Long, Howard Hale

Normal Training Course

Irving, Bessie Herbert
Jones, Sara LaVetta
Mathis, Geneva Evelyn

Mullon, Lilla Valena
Walker, Gertrude Brooker

* Deceased.
DEGREES AND DIPLOMAS

Kindergarten Training

Anderson, Ethel Louise
Cornell, Ruth Brown
Smith, Ruth Harrison

Domestic Science

Harper, Harriet Helen
McGuinn, Alma Augusta
Sewall, Haidee Williamson
Sydes, Ruth Miriam

School of Manual Arts and Applied Sciences

B. S. in C. E.

Falu, Narciso
Huskerson, William

Conservatory of Music

Mus. B.

Lampton, Cornella Derrick

School of Theology

B. D.

Blake, David Addison
Brown, J. A.
Connell, Joseph Simeon
Fowler, George Venable
Holder, Hafford Alonzo
Jenkińs, A. L.
Long, Hilliard W.
Macdonald, A. T.
Morgan, Charles McLean
Swanson, Ernest E.

Diploma

Delainey, William Y. D.
Goffney, Stephenie C.
Hollands, Elijah W.
Jones, Thomas C.
Lassiter, Grover C.
Maddrey, John B.

Evening Institute

Comer, Charles P.
Hawkins, James H.
Hearnis, Frank L.
Holmes, James T.
Jones, Cornelius S.
Massy, John K.
Wheeler, Wesley C.
HOWARD UNIVERSITY

MEDICAL COLLEGE

M. D.

Alleyne, Albert Allen
Brown, Thomas Clifton
Clinton, John Jacob
Crawford, Martin Luther, A. B.
Dottin, Martin Luther
Garvin, Charles Herbert, A. B.
Gibson, Levi Alexander, A. B.
Gordon, Robert Keith
Harris, Norman Watkins
Holdbrooks, Alonzo Albert, A. B.

Humbert, Charles Robert
Lee, Edwin Henry, B. S.
McKelvie, Julius Caesar, A. B.
McMorris, John Howard, A. B.
McRae, Jay Garland, B. S.
Parker, James Wesley, A. B.
Robinson, Ernest Augustus, A. B.
Wilson, Isam Elijah, A. B.
Yoakley, William Dallas, A. B.
Young, Claudius Junius, A. B.

DENTAL COLLEGE

D. D. S.

Bush, James Emile
Butler, Lucius Armond
Campbell, Alger Leon
Campbell, Emmett Earl
Cole, Gilbert Alexander
Foster, Arthur Fitzjohn
Gittens, George Benjamin
Gloster, Cecil Francis
Hanson, Theodore Elkanah
Hightower, Richard Anderson
Hunt, Raymond
McTaggart, Roy Edison

Mitchell, Iverson Othello
Moseley, Welton Henry, B. S.
Nicholson, Edwin Alexander
Pettis, Willis J.
Reid, Leon Asbury
Shelton, Leonard Levi
Terrell, John Henry, A. B.
Thomas, Raymond Bell
West, Reuben Morton
Williams, Albert Joseph, A. B.
Williams, Albert Pascal, A. B.
Wily, Merideth Bedinfield

PHARMACEUTIC COLLEGE

Phar. D.

Butler, Charles Augustus
Carey, Lawrence Bernard
Compton, Eugene Crummell
Dudley, Jesse Brenham
Henderson, Clarence Harry
Lawson, Wilbert Bernard
Lee, George Ernest

Lewis, Charles Henry
Martin, James Hartford
Richardson, Wilma Leona
Robinson, Andrew Alexander
Sample, Alexander Alexander
Togans, James Albert
DEGREES AND DIPLOMAS

SCHOOL OF LAW

LL. B.

Barclay, Martin L. Horatio, B. D.  Morris, James Braddie
Bellamy, Arthur Hugh            Mosse, Jonathan Cardie
Carrington, Lloyd Stanley       Murray, Freeman Morris
Davis, Mitchell Andrew          Pollard, Benjamin Golatha
Gray, James Heywood             Queen, Robert
Hawkins, John Russell, A. M.    Ramos, Diego Eugenio
Johnson, Elijah Lovejoy, Jr.    Reid, Thomas Harris
Jones, Samuel Page              Smith, Edward
Locker, Jesse DeWitt            Thomas, William Edgar
Mercado, Nicolas Silva

THE ACADEMY

Diploma

Bohee, Sumner Theodore          Major, Lucy Norvell
Bugg, Margaret Brown           Owen, Robert Lee
Carey, Richard Edmond          Phipps, Nauford Osman
Clayton, Norma Belle            Picou, Alexander Reginald
Doss, James Lacey              Pinckney, Charles Hampton
Fisher, Florence Catlette       Poore, Leonard Lee
Folkes, Leslie Arthur          Rattley, Josie Mae
Green, Robert Harrison         Riley, John Jacob
Heard, Agnes Arminta           Ross, Marshall Ellis
Howard, Raymond Arlington       Spencer, Bibb
Ivey, Lewis Albert             Thompson, Elizabeth
Jackson, Grace Lavinia          Watts, John Edward
Jones, Mildred Adella           White, Chauncey Depew
Lindsay, Arnett Grant           Williams, Luke Edon
Lord, Guy Adolphus              Wyatt, Marion Beatrice

COMMERCIAL COLLEGE

Diploma

Brice, George E.                  Girod, Charles Augustus V.
Buckner, William Henry           Huston, Alice Jane
Darwin, Birissia B.              Mickens, Cecil Calbert
Dixon, Walter Thomas             Robinson, Robert Witfield
Dowdell, Bertha L.               Stuart, Claude Clemont
Dunlop, LeRoy David              Yancy, Rosalind Augusta
Eberhardt, Thomas John
<table>
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<tr>
<td>Adams, Adolph Cecil</td>
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Stratton, Harold Counsellor ............................................. Doylestown, Pa.
Temple, William Henry ..................................................... Vicksburg, Miss.
Thompson, Louisa Helena ................................................... Baltimore, Md.
Walker, John Benjamin ........................................................ Avalon, Va.
Waters, John Lambert .......................................................... Oxford, Md.
Weatherless, Ruth Helen .................................................. Washington, D. C.
Williams, Joseph C. ............................................................ Parkers, Va.
Young, Ralph Jay ............................................................. Reading, Pa.

JUNIORS

Adams, Mattie Pearle ..................................................... Washington, D. C.
Adams, Cato Wesley .......................................................... Washington, D. C.
Bailey, Isaac G. .............................................................. Arkansas City, Ark.
Baumgardner, Luther Ovid ................................................ Columbia, S. C.
Beckwith, Trenor T. .......................................................... Steelton, Pa.
Bennett, William Gordon ................................................ Versailles, Ky.
Berry, John Lloyd ............................................................. Baltimore, Md.
Biddle, Hester M. ............................................................... Baltimore, Md.
Bowie, Edna Ellis ............................................................. Washington, D. C.
Brooks, Bernice M. ............................................................ Washington, D. C.
Brooks, Joseph Hunter ..................................................... Staunton, Va.
Brown, Elsie Hetta ............................................................ Washington, D. C.
Brown, Maude Ethel .......................................................... Louisville, Ky.
Brown, Naomi Pearle ....................................................... Washington, D. C.
Booker, Elbert Lee .......................................................... Seattle, Wash.
Buckner, William Thomas ................................................ Baltimore, Md.
Camper, John Emory Toussaint ........................................ Baltimore, Md.
Collins, May Vernon ....................................................... El Paso, Texas
Connoly, Quesnel Albunyan .............................................. East End, B. W. I.
Cooper, Stewart Richard ................................................... Baltimore, Md.
Dingle, Allan Lowery ........................................................ Savannah, Ga.
Davis, Leslie L. ............................................................... Washington, D. C.
Grant, George C. ............................................................. Parkersburg, W. Va.
Goodloe, Nathan O., Jr. .................................................... Washington, D. C.
Hamilton, Frederick J. ..................................................... Cincinnati, Ohio
Heslip, Jesse Solomon ..................................................... Ellisville, Miss.
Hightower, Nathaniel Donsetto ........................................ Montgomery, Ala.
Holmes, Clarence F. ........................................................ Denver, Colo.
Hosein, Mozam .............................................................. Trinidad, B. W. I.
Howard, Wioza Lee .......................................................... Jacksonville, Texas.
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<td>Coleman, Arthur T</td>
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<td>Doby, Lewis</td>
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</table>
Dyett, Thomas, B. D. ........................................ New York, N. Y.
Edwards, Mae Louise ........................................ Washington, D. C.
Freeland, Ruth Wilkerson ................................... Baltimore, Md.
Gittens, Edward Fitzgerald ................................ Barbados, B. W. I.
Gooden, Earl Lucas ........................................ Parkersburg, W. Va.
Gordon, Charles Malcolm ................................... Washington, D. C.
Grandison, Bernice Marguerite ............................. Lynn, Mass.
Greene, Jesse Johnson ...................................... Georgetown, Ky.
Hamilton, Benjamin J. ..................................... New York City, N. Y.
Harris, Bernard ............................................. Baltimore, Md
Harrison, William Aaron .................................... Taylor, Texas
Hart, Dean Ethaniel ......................................... Birmingham, Ala.
Hawk, Corrie Milton ........................................ Guthrie, Okla.
Hill, Grace Margaret ....................................... Baltimore, Md.
Hollomand, George Crocker ................................ Washington, D. C.
Hyman, Earl Robinson ...................................... Washington, D. C.
Jackson, Allen Francis ..................................... Washington, D. C.
Jackson, Joseph Browne .................................... Zanesville, O.
Jackson, Maxey Adolph ..................................... Marion, Ky.
James, Edward Lawrence ................................... Charleston, W. Va.
Jones, Richard Francis ..................................... Washington, D. C.
Key, George Raymond Francis ................................ Washington, D. C.
Koger, Linwood Graves ..................................... Reidsville, N. C.
Lander, Thomas A. .......................................... Chester, S. C.
Lofton, Melvin McKinlay ................................... Washington, D. C.
Luck, Clyde A. ................................................ Danville, Va.
Marshall, Henry Lawrence ................................ Camden, N. J.
Mason, Ruth ................................................... Dallas, Texas
Matthews, Reginald Daniel ................................ Washington, D. C.
Mazyck, Walter Herbert .................................... Charleston, S. C.
McCarter, L. G. .............................................. Magnolia Springs, Tex.
Minor, Marguerite A. ....................................... Washington, D. C.
Miner, Uzziah ................................................ Fay, Okla.
Moss, Eugene Armstrong .................................... Charleston, W. Va.
Myers, Perry Greenberry ................................... Waterbury, Md.
Nelson, Thomas Bernard .................................... Baltimore, Md.
Nelson, William Stuart ..................................... Paducah, Ky.
Nixon, Louise Gertrude ..................................... Baltimore, Md.
Pelham, Gabrielle Dorothy ................................ Washington, D. C.
Pinckney, Leo Alexander .................................. Charleston, S. C.
Porter, Henry William .................................. Washington, D. C.
Potter, Edward Warren ................................. Charleston, S. C.
Ross, Marshall Ellis .................................. Newport, R. I.
Rowe, John W. ........................................... Danville, Ky.
Satterwhite, Cavassa .................................... Washington, D. C.
Sealey, Merton Carlyle .................................. Montreal, Can.
Sims, Pauline Jewett .................................. Macon, Ga.
Smith, Adelaide Delaine .................................. San Antonio, Texas
Sutton, Carrie Jane ............................................. Ottawa, Ill.
Tancil, Leon Algernon ...................................... Alexandria, Va.
Taylor, Horace Greely ................................... Guthrie, Okla.
Thompson, Charles Maceo ................................ Columbia, S. C.
Tucker, Jacob T. ............................................ Bermuda, B. W. I.
Ward, Cecil Lamont ....................................... Sanford, Fla.
Warf, Ira .......................................................... Phila., Fla.
Webb, Mary Frances ........................................ Washington, D. C.
Webb, Haywood T. ............................................. Preston, Md.
Whiting, Elmore Jerome ................................ Haverhill, Mass.
Winston, James Frank ...................................... Enfield, Va.
Yates, Dolan Buckman .................................... Washington, D. C.
Yancey, Alice Elizabeth .................................. New York City, N. Y.

FRESHMEN

Adams, Jeremiah ........................................... Washington, D. C.
Alexander, Prince William ................................ Demarara, British Guiana
Atkins, William Oscar ..................................... Swedesboro, N. J.
Ballard, Orville Lee .......................................... Lexington, Ky.
Barnes, William Isaiah ..................................... Washington, D. C.
Beckett, James Howard ...................................... Jersey City, N. J.
Bell, Clyde Ferdinand ..................................... Newport News, Va.
Best, Grafton Chesterfield ................................ Barbados, B. W. I.
Board, Nannie Goodall ..................................... Louisville, Ky.
Bragg, Oscar Hundley ................................ Madison, Ala.
Brawner, Francis Oliver .................................... Washington, D. C.
Bright, John Fleming ..................................... Elizabeth City, N. C.
Broadnax, John Henry ..................................... Charleston, S. C.
Brown, Alonza Andrew ................................ Crisfield, Md.
Brown, Hugh Dell ............................................. Lebanon, Ky.
Brown, Thomas Jacob, Jr. ........................................ Louisville, Ky.
Brown, William F. ............................................ Florence, Ala.
Bruen, Clifford Charles ......................................... May's Lick, Ky.
Bugg, Margaret Brown ........................................... Lynchburg, Va.
Byrd, Walter Franklin ........................................... Gloucester, Va.
Campbell, William H. ............................................ Boston, Mass.
Carter, John Churchill .......................................... Washington, D. C.
Carter, Willa Venese ............................................. Pittsburgh, Pa.
Cash, Lucy Carr .................................................... Charleston, W. Va.
Chaires, George Slatrer .......................................... St. Augustine, Fla.
Cohran, Augusta Roberta .......................................... Washington, D. C.
Coleman, Arthur Temple .......................................... Washington, D. C.
Coleman, Clyde Ashley .......................................... Seattle, Wash.
Copeland, Joseph Scotchfield .................................. New York City
Craft, Julia Ellen .................................................. Charleston, S. C.
Darden, Manila ..................................................... El Paso, Texas
Davis, John Albert ................................................ Dallas, Texas
Davis, Meldvin Reid ............................................... Washington, D. C.
Deas, Joseph Mack ................................................ Jacksonville, Fla.
Desmukes, Joberta Ida ............................................ Washington, D. C.
Doss, James Lacy ................................................... Alexandria, Va.
Edwards, John Thomas, Jr. ..................................... El Paso, Texas
Elliott, Orlando Oscar ............................................. Hollis, N. C.
Eskridge, Leon Alexander ....................................... Washington, D. C.
Fairweather, Charles Andrew ................................... Panama, R. de P.
Ferreira, Bernard Lino ........................................... Scarboro, Tabago, B. W. I.
Frazier, Clark Spence ............................................ Baltimore, Md.
Freeman, John Luther ............................................. Louisville, Ky.
Friday, Clarence Claude Bansella ................................ San Antonio, Texas
Gibson, Mabel May ................................................ Washington, D. C.
Giddens, Henry Augustus L. .................................. Waco, Texas
Giles, Daniel W. ................................................... Washington, D. C.
Gray, James Frank ................................................ Versailles, Ky.
Goodloe, William Andrew ....................................... Washington, D. C.
Green, Robert Harrison ......................................... Norfolk, Va.
Hamilton, Hawes Houston ....................................... Deanwood, D. C.
Harper, Emily May ................................................ Chicago, Ill.
Harris, Butler ..................................................... Gloucester, Va.
Hawkins, Mary Elizabeth ........................................ Washington, D. C.
Hill, Bernard ........................................ Washington, D. C.
Hill, George ........................................ Montclair, N. J.
Hughes, Milton Eugene ......................... Norfolk, Va.
Hunt, Dezzie Herman .............................. Goldfield, Nev.
Hunter, John Edward, Jr. ....................... Lexington, Ky.
Hutchinson, Clarence Leon ..................... Austin, Texas
Ivey, Louis Albert ................................. Lafayette, Ala.
Jackson, Burkie E. ................................. Birmingham, Ala.
Jackson, Grace Lavinia .......................... Washington, D. C.
Jennings, Sydney Nelson ......................... Dallas, Texas
Johnson, Campbell Carrington .................. Washington, D. C.
Johnson, Ernest Claybon ......................... Washington, D. C.
Johnson, Edward Milton .......................... Washington, D. C.
Jones, Edward Perry .............................. Vicksburg, Miss.
Jones, Sheridan .......................... Washington, D. C.
Lark, William Wesley ............................. Columbia, S. C.
Lawson, Madison D. ............................... Sulphur, Okla.
Lee, Roscoe Franklin ............................. Washington, D. C.
Lewis, John Brooks ............................... Washington, D. C.
Lewis, Milton Carey .............................. Washington, D. C.
Lindsay, Arnett Grant ............................ Memphis, Tenn.
Long, Odessa Dorothy ............................ El Paso, Texas
Love, Zachary Taylor ...................... Austin, Texas
Mason, Duane Boswell ............................ Dallas, Texas
Miller, Isaac Newton .......................... Washington, D. C.
Mitchell, John C. ................................. Baltimore, Md.
Morris, Leroy ................................ Trenton, N. J.
Mustapha, Jennie Elizabeth .................... Stratford, Conn.
Nelson, Hugh Culler ............................ Charleston, S. C.
Odell, Aaron ...................................... Washington, D. C.
Owen, Robert Lee ................................ Memphis, Tenn.
Parkhurst, Jessie Wragg ......................... Atlanta, Ga.
Parnell, Ethel Shirley ......................... Washington, D. C.
Peters, Euriol Sylvan ........................... Norfolk, Va.
Picou, Alexander Reginald ................. Trinidad, B. W. I.
Rambo, Clarence Erastus ....................... Tucker, Ark.
Reed, George P .................................................Louisville, Ky.
Reese, William H ..............................................Kansas City, Mo.
Reid, Barney ..................................................Washington, D. C.
Ridick, Vernon Cornelius .....................................Norfolk, Va.
Riley, John Jacob ..............................................Brooklyn, N. Y.
Rivers, James Blaine ..........................................Talladega, Ala.
Russell, Edgar Douglass ......................................Murray, Ky.
Samuel, George H ..............................................Washington, D. C.
Scott, Nathan Monroe .........................................Baltimore, Md.
Scott, Nathan Alexander ......................................Lanesville, Ala.
Seale, Clarence St. C ..........................................Campbellton, B. W. I.
Shirley, Ferdinand .............................................Birmingham, Ala.
Sims, Austin ....................................................Darwin, Ga.
Sims, Peola C ...................................................Covington, Tenn.
Smith, Alma Poole ............................................Washington, D. C.
Spence, William Edward .......................................Snow Hill, Md.
Spencer, Emanuel Bibb .........................................Carrollton, Ala.
Stephenson, Ruth Lydia .......................................Charleston, W. Va.
Stewart, Hershel H .............................................Washington, D. C.
Swift, Edward M ................................................Antigua, B. W. I.
Taylor, Elsie Leigh ...........................................Manassas, Va.
Taylor, James H ................................................Lexington, Ky.
Taylor, Otto L ..................................................Charlottesville, Va.
Thomas, Mabel C ..............................................Washington, D. C.
Thomas, Montgomery .........................................Washington, D. C.
Thornton, Silas B .............................................Junction City, Ark.
Walters, Thomas Henry .......................................New York, N. Y.
Ward, Cecil Lamont ............................................Stanford, Fla.
Waring, Alfred Brown ..........................................Washington, D. C.
Waters, George Fletcher .......................................Gainesville, Fla.
White, Chauncey Depew .......................................Mathews, Va.
White, Harry Alexander .......................................Camden, N. J.
Williams, Luke Edon .........................................Palmyra, N. C.
Williams, Wesley Cecil .......................................Los Angeles, Cal.
Williamson, Gammon Harvey ................................Norfolk, Va.
Willis, Lawrence Alexander ................................Norfolk, Va.
Wright, Enos Shepard ..........................................New Haven, Conn.
Zeigler, John Henry ...........................................Monrovia, Africa
PART COURSE

Bowins, Joseph F. ...................................................... Hampton, Va.
Bruce, Kitty Bythewood ........................................... Washington, D. C.
Champion, Alexander F. ........................................... Jacksonville, Fla.
Corrothers, Thomasine ........................................... Washington, D. C.
Flagg, Pearl Olive .................................................. Baltimore, Md.
Freeman, Gladys .................................................... Washington, D. C.
Gordon, Ruth Ineta ................................................. Washington, D. C.
Kennedy, Henry Sherwood ...................................... Washington, D. C.
Peters, Ruth Brown ................................................ Washington, D. C.
Phillips, Alfred Augustus ......................................... Jamaica, B. W. I.
Proffitt, Moses Julius ............................................. Helena, Ark.
Purvis, Isaiah D. ..................................................... Brooklyn, N. Y.
Rucker, Ainsworth Spofford ..................................... Washington, D. C.
Sims, Austin ........................................................... Darwin, Ga.
Skinker, Laura J. ..................................................... Washington, D. C.
Skinker, Lillian Rosa ............................................... Washington, D. C.
Tancil, Elaine W. .................................................... Washington, D. C.
Ware, Alonzo A. ...................................................... Washington, D. C.
Wells, Grace .......................................................... Bellsville, N. J.
Wynter, Thomas A. Percival ..................................... Jamaica, B. W. I.

SPECIALS

Commissiong, Leo, R., A. B. ........................................ Chester, Pa.
Crawford, Frederick Douglass, A. B. ....................... Charleston, S. C.
Jackson, Cora B., A. B. ............................................. Detroit, Mich.
Reid, Forrest M., A. B. ............................................. Lowell, N. C.
Smith, Ebenezer K., A. B. ........................................ Knoxvile, Tenn.

SPECIALS REGISTERED IN OTHER DEPARTMENTS

Adams, George Cornelius ........................................ Muskogee, Okla.
Bright, John Becton ................................................ Norfolk, Va.
Chaplin, Edmond ................................................... Round, S. C.
Desmukes, Albert David .......................................... Washington, D. C.
Donald, Henderson H., A. B. ..................................... Convent, La.
Dykes, Anita Marion ................................................ Washington, D. C.
Ellis, Percy Langston .............................................................. Deskins, Va.
Flipping, Kefiler Meadeo ...................................................... East Radford, Va.
Garrett, York David ................................................................ Tarboro, N. C.
George, Clayborne ................................................................ Surry C. H., Va.
Gordon, Eugene Ferdinand .................................................... Savanah, Ga.
Howard, R. A. ........................................................................
Johnson, Powell ...................................................................... Dallas, Texas
Jones, Joseph Robinson .......................................................... Danville, Ky.
Lane, Maude Elgena .............................................................. Baltimore, Md.
Martin, Branger ...................................................................... Reserve, La.
Penderhughes, Charles Lloyd .............................................. Providence, R. I.
Peyton, Isaac Smith Terrell .................................................... Jackson, Miss.
Piper, Percival Robert ........................................................... Washington, D. C.
Pollard, William A., A. B. ..................................................... Georgetown, B. G. S.
Roudeze, Julia Geddes .......................................................... New Orleans, La.
Saxton, George Thomas .......................................................... Pine Bluff, Ark.
Shackelford, Esther Alexander ............................................... Richmond, Ky.
Sharpe, George ...................................................................... Montgomery, Ala.
Swann, Frank Lloyd .............................................................. New Haven, Ala.
Terrell, Phyllis ....................................................................... Washington, D. C.
Tomlinson, Arthur John .......................................................... Jamaica, B. W. I.
Tulane, Victor Julius .............................................................. Montgomery, Ala.
White, Herbert U. .................................................................. Norfolk, Va.
Wilkins, A. E. ......................................................................... B. W. I.
Williams, Ebenezer Isaiah ..................................................... Jamaica, B. W. I.
Wooding, Samuel Garland .................................................... Hannibal, Mo.

**SUMMARY**

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<td>Specials</td>
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Total number registered in College of Arts and Sciences ........................................ 333
Specials registered in other departments .............................................................. 34

367
HOWARD UNIVERSITY

TEACHERS COLLEGE

POST-GRADUATES

Franklin, Joseph Alexander ......................................................Orange, N. J.
A. B. Howard University

Hunt, John Russell ..........................................................Washington, D. C.
A. B. Howard University

B. S. Howard University

Jones, Helen F. ....................................................................Washington, D. C.
A. B. Howard University

Lane, Rosa Belle ..............................................................Washington, D. C.
A. B. Oberlin College

Smith, Minnie Beatrice .....................................................Washington, D. C.
A. B. Howard University

SENIORS

Bardwell, Shadrach Eddie Henrii .......................................Pensacola, Fla.

Brinkley, Edith Naomi ...................................................Washington, D. C.

Burson, Beatrice Bessie ..........................................................Dallas, Texas

Crawford, Harry Stephenson .............................................Washington, D. C.

Davis, Charles Alexander ....................................................Elizabeth, N. J.

Frisby, Clarence Webster .....................................................Cannonsburg, Miss.

McAden, Mosby Bradley ....................................................Milton, N. C.


McCormick, Thomas Herbert ....................................................Baltimore, Md.

Maloney, Charles Franklin .....................................................Chester, Pa.

Martin, Harry Moire ...........................................................Cincinnati, Ohio.

Miller, William Alexander ....................................................Norfolk, Va.

Morton, Albert McIntosh .....................................................Washington, D. C.

Mosse, Jonathan Cardie .....................................................New York, N. Y.

Nelms, Bessie Louise ..........................................................Montgomery, Ala.

Rose, Claude Melven .........................................................Washington, D. C.

Rose, Emma Stephens .........................................................Washington, D. C.

Scott, Virginia Marie Louise ....................................................Washington, D. C.

Smith, Bertha Len ............................................................Meridian, Miss.

Southall, Eugene Portlette ..................................................Norfolk, Va.

Townes, Justine Olivia .........................................................Washington, D. C.
Turner, Alice Porter ................................................. Boston, Mass.
Wallace, Horace Beverley ......................................... Washington, D. C.
Wilkinson, Ethel Cornelia ......................................... Washington, D. C.

JUNIORS

Baer, Jennie Emily .................................................. Wrightsville, Pa.
Boyd, Nokomis Ellen ............................................... Charleston, S. C.
Butt, Isaiah James .................................................. Washington, D. C.
Defreese, Sara Mildred ............................................. Hillburn, N. Y.
Dykes, Florence Milton ............................................. Washington, D. C.
Gilbert, Lucile Wilhelmina ......................................... Washington, D. C.
Hoffman, Montclare Ewart........................................ Hector's River, Jamaica, B. W. I.
Hughes, Sydney Evelyn ............................................. Washington, D. C.
Hughson, Julian Seward ............................................. New York, N. Y.
Lawson, Earl Marlan ................................................ Leavenworth, Kan.
Morton, Etta Leola .................................................. Steubenville, Ohio
Newsome, Alpha Blondel ........................................... Washington, D. C.
Perkins, Frank Howard ............................................. Baltimore, Md.
Pinkard, John Henry ................................................ Calhoun, Ala.
Quarles, Lillian Dorothy .......................................... Washington, D. C.
Snowden, Anna Jean ............................................... Brooklyn, N. Y.
Stewart, Mary Lorene ............................................... Washington, D. C.
Swinson, Maude Earline ........................................... Washington, D. C.
Wade, Shirley ...................................................... Moundsville, W. Va.
Waring, Mary Imogene ............................................. Washington, D. C.
Washington, Nellie C. B. ........................................... Washington, D. C.
Whiting, Adele ...................................................... Washington, D. C.

SOPHOMORES

Armstrong, Earl Murphy ........................................... Moundsville, W. Va.
Bass, Flossie ........................................................ South Park, Kan.
Blackburn, Samuel Marcellus ................................... Harper's Ferry, W. Va.
Brent, Rufus Oliver ................................................. West Medford, Mass.
Brown, Marion E. .................................................... Anacostia, D. C.
Burnside, Marion Talita ............................................ Washington, D. C.
Bushe, Getrude Viola ........................................ Mount Vernon, N. Y
Caine, Anna Mae .................................................. Fall River, Mass.
Cesar, Olive Clementine ........................................ Sharon Valley, Conn.
Clarke, Madeline .................................................. Smithfield, Va.
Coleman, Adele Eloise ........................................ Washington, D. C.
Coleman, Anna .................................................... Baltimore, Md.
Coleman, Rosa Belle ............................................. Washington, D. C.
Craig, Howard ..................................................... Grafton, W. Va.
Dixon, Lewis Edward ............................................ Tenleytown, D. C.
Early, Benjamin H. ............................................... Gordonsville, Va.
Gordon, Grace Violet ............................................ Beatrice, Neb.
Grinnage, Isabella Morris ...................................... Atlantic City, N. J.
Harrison, Odele Georgette ..................................... Mobile, Ala.
Herndon, Lillian Evelyn ......................................... Washington, D. C.
Hinkson, Marie ................................................... Philadelphia, Pa.
Jacobs, Harry Ulysses ............................................ Washington, D. C.
Jacobs, Malvenia .................................................. Sumter, S. C.
Johnson, Mary Emma .............................................. Washington, D. C.
Lancaster, Ernestine Elizabeth ................................. Washington, D. C.
Lewis, Edna Lachloe ............................................. Coweta, Okla.
Martin, Sadye Charlotta ......................................... Baltimore, Md.
Miller, Mary Elizabeth ........................................... Washington, D. C.
Miller, Portia Malinda ........................................... Baltimore, Md.
Norman, Ruth Ernestine ......................................... Washington, D. C.
Oden, Mabel Lee .................................................. Washington, D. C.
Padget, Daisy Virginia ........................................... Chester, Pa.
Perry, Ethel, Mae ................................................. Washington, D. C.
Peters, Constance Carlotta ...................................... Washington, D. C.
Plummer, Ethel Letitia .......................................... Washington, D. C.
Preston, Emmett Delours ......................................... Washington, D. C.
Prout, Edna Marie ................................................ Bowie, Md.
Queene, Lawrence William ...................................... Baltimore, Md.
Rattley, Annie Crawford ........................................ Washington, D. C.
Reid, Maurice Edward ........................................... Braddock, Md.
Shaw, Henrietta Lynnette ....................................... Washington, D. C.
Shinn, Montgomery LeRoy ...................................... Washington, D. C.
Simms, Josephine Ethel ........................................... Washington, D. C.
Smallwood, Ruth Valrea ......................................... Washington, D. C.
Stitt, Willie Belle ................................................ Washington, D. C.
Thomas, Julius A. ........................................... Charleston, W. Va.
Watkins, Gertrude Lee ...................................... Montgomery, Ala.
Weaver, Hazel Edna ........................................... Cleveland, Ohio
White, Martha Ann ......................................... Fairmont Heights, Md.
Williams, Madeline ......................................... Washington, D. C.
Woolridge, Maria Belle ...................................... Shelbyville, Ind.

FRESHMEN

Asbury, Edith Mae ........................................... Pueblo, Colo.
Ashe, Martha Amelia ........................................... Washington, D. C.
Bagnall, Wanser Idaliah ....................................... Norfolk, Va.
Bickford, Mabel Elizabeth ...................................... Virginia City, Mont.
Blackiston, Beatrice Rheta ...................................... Washington, D. C.
Brown, Bertha Elizabeth ....................................... Norfolk, Va.
Brown, George W. ........................................ Bel Haven, N. C.
Bruce, William Alphonso ....................................... Philadelphia, Pa.
Byrd, Juanita Coleman ......................................... Rochester, N. Y.
Clayton, Norma Belle ........................................ Lynchburg, Va.
Cooper, Jennie Theresa ....................................... Columbia, S. C.
Cornish, Getrude Mae .......................................... Washington, D. C.
Day, Nannie Clara ........................................... Dallas, Texas
Dennis, Benjamin Franklin ..................................... Princess Anne, Md.
Douglass, Margaret Dudley ...................................... Washington, D. C.
Dungeon, Cleatus Powell ...................................... Wheeling, W. Va.
Edmonds, Mary Louise ......................................... Harrisburg, Pa.
Estill, Leland Fletcher ........................................ Covington, Ky
Fisher, Florence Catlette ..................................... South Norwalk, Conn.
Garnett, Thomas Clifton ...................................... Washington, D. C.
Gibson, Maude Gladstone ...................................... Washington, D. C.
Grant, Carolyn Virginia ....................................... Fredericksburg, Va.
Greene, Tessie Rheta .......................................... Charleston, W. Va.
Hall, William Myron ......................................... West Point, Miss.
Harris, Lewis Nathaniel ....................................... Steelton, Pa.
Hartgrove, Lawrence .......................................... Washington, D. C.
Hearn, Ethel Marie ........................................... Berwyn, Pa.
Hughes, Helen Elain .......................................... Washington, D. C.
Hyson, Anita Eleanor ........................................ Ballston, Va.
Irving, Katherine Virginia .................................... Washington, D. C.
Ivey, Hattie Pauline .......................................... Victoria, Va.
Jernagin, Rosabell Cordelia ........................................ Washington, D. C.
Johnson, Blanche Elizabeth ....................................... Washington, D. C.
Johnson, Esther Hazel ............................................ Guthrie, Okla.
Kenny, Leoneade Jeannette ........................................ Washington, D. C.
Lassiter, Geraldine Ercelle ....................................... Clarksburg, W. Va.
Lawrence, Lillian Agatha .......................................... Montego Bay, Jamaica, B. W. I.
Lewis, Melvina ................................................................ Coweta, Okla.
Long, Carrie Baber ..................................................... Uniontown, Pa.
Lucas, Susie Payne ...................................................... Washington, D. C.
McNeill, Queene Ethel ................................................ Washington, D. C.
Mitchell, Hattie Beatrice ............................................ Winchester, Va.
Mont, Lillian Estelle .................................................... Washington, D. C.
Motte, Birneisis Inez ................................................... Denmark, S. C.
Murphy, Hettie May ..................................................... Union, S. C.
Norman, Helena Portia ................................................ Washington, D. C.
Owens, Dora Louise ..................................................... Washington, D. C.
Pegram, Victoria ........................................................ Gastonia, N. C.
Peyton, Mary Miltona .................................................. Parkersburg, W. Va.
Poindexter, William Baymiller ..................................... Bluefield, W. Va.
Robinson, Dorothy Hill ............................................... Washington, D. C.
Ross, Artie Cumilla ..................................................... Washington, D. C.
Ross, Myrtle Elnaech ................................................... Washington, D. C.
Scott, Josephine Emeline ............................................. Washington, D. C.
Shoucraft, Mabel Gwendolyn ....................................... Washington, D. C.
Smith, Estelle .......................................................... Washington, D. C.
Spencer, Charles Emmett ............................................. Carrollton, Ala.
Steele, Percy Howard .................................................. Vicksburg, Miss.
Tappe, Ruth Eliza ........................................................ Lynchburg, Va.
Terry, Rhena Elizabeth ............................................... Reading, Pa.
Thomas, Kathryn May ................................................ Washington, D. C.
Warren, Eleanora Odessa ............................................. Covington, Ky.
Webster, George Alexander Milton .............................. Meridian, Miss.
Welch, Edith Mae ....................................................... Washington, D. C.
Young, Elizabeth Cornelia .......................................... Pittsburg, Pa.
PART COURSE STUDENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Barber, Bessie Taylor</td>
<td>Indianapolis, Ind.</td>
</tr>
<tr>
<td>Brooks, Calledonia</td>
<td>Washington, D. C.</td>
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<tr>
<td>Chapman, Selden Garnet</td>
<td>Camden, N. J.</td>
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<td>Hodges, Virnal Clengman</td>
<td>Norfolk, Va.</td>
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<td>James, Esther Caroleaser</td>
<td>Richmond, Va.</td>
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<td>Johnson, Blanche Beatrice</td>
<td>Washington, D. C.</td>
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<tr>
<td>Mann, Holland Annette</td>
<td>Darien, Ga.</td>
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<td>Myers, Irene Inez</td>
<td>Washington, D. C.</td>
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<td>Perry, Julian Walker</td>
<td>Lynchburg, Va.</td>
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<td>Robb, Romulus Phillip Narraganset</td>
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<td>Smith, Emory Byington</td>
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<td>Tate, Marzette</td>
<td>Buford, Ga.</td>
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<td>Willis, Alonzo Merral</td>
<td>Washington, D. C.</td>
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<td>White, Lucy Annette</td>
<td>Clarkton, N. C.</td>
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SUMMARY

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THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES

JUNIORS

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<tr>
<td>Gilbert, Lucille Wilhelmina</td>
<td>Washington, D. C.</td>
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<td>Lancaster, Ernestine Elizabeth</td>
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<td>Whiting, Adele</td>
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<td>Coleman, Anna</td>
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Holland, Joseph Guthrie .................. Washington, D. C.
Johnson, Blanche .......................... Washington, D. C.
Martin, Sadye Charlotta .................. Baltimore, Md.
Miller, Portia Malinda .................... Baltimore, Md.
Stitt, Williebell ............................ Washington, D. C.
Tomlinson, Arthur John .................... Jamaica, B. W. I.
Watkins, Gertrude Lee ..................... Montgomery, Ala.

FRESHMAN

Ashe, Martha Amelia ........................ Washington, D. C.
Brannon, Clyde Rufus ...................... Fremont, Neb.
Brooks, Caledonia ........................... Washington, D. C.
Byrd, Juanita Coleman ...................... Rochester, N. Y.
Clayton, Norma Belle ....................... Lynchburg, Va.
Cooper, Jennie Theresa ..................... Columbia, S. C.
Cornish, Gertrude Mae ..................... Washington, D. C.
Duncan, James Crawford ................... Washington, D. C.
Howell, Lafayette ........................... Washington, D. C.
Hughes, Helen Elain ....................... Washington, D. C.
Jernagin, Rosabelle Cordelia ............. Washington, D. C.
Lassiter, Geraldine Ercella .............. Clarksburg, W. Va.
Poindexter, Edward Giles ................ Washington, D. C.
Saxton, George Thomas .................... Pine Bluff, Ark.
Thomas, Katherine May .................... Washington, D. C.
Williams, Ebenezer Isaiah ............... Jamaica, B. W. I.

PART COURSE STUDENTS

Brown, Elsie Hetta ......................... Washington, D. C.
Burson, Beatrice Bessie ................... Dallas, Texas
Jones, Richard Francis .................... Washington, D. C.
Lane, Eulalia Marcellene .................. Vineland, N. J.
Martin, Harry ................................ Cincinnati, Ohio
Miller, Kelly, Jr. .......................... Washington, D. C.
Paget, Daisy Virginia ..................... Chester, Pa.
Potter, Edward Warren .................... Charleston, S. C.
Sealy, Merton Carlyle ..................... Montreal, Can.
Swan, Frank Lloyd ........................ New Haven, Conn.
Terry, Rena Elizabeth ..................... Reading, Pa.

In addition to these, 95 Academy students pursued courses in woodworking, printing, mechanical and freehand drawing in the School of Manual Arts and Applied Sciences.
CONSERVATORY OF MUSIC

SUMMARY

Juniors ............................................................... 5
Sophomores ...................................................... 10
Freshmen ........................................................... 16
Part Course ...................................................... 11
Academy ............................................................ 95

Total ............................................................137

CONSERVATORY OF MUSIC

VOICE STUDENTS

Adams, Charles ...................................................... Washington, D. C.
Beale, Cora .......................................................... Washington, D. C.
Booker, Elbert ...................................................... Seattle, Wash.
Brown, Mary E. .................................................... Washington, D. C.
Calloway, Virginia ................................................. Nashville, Tenn.
Daniels, Frederick W. Douglass .................. Washington, D. C.
Darden, Manila ..................................................... El Paso, Texas
Day, Nannie ........................................................ Dallas, Texas
Dungeon, Cleatus Powell ............................... Wheeling, W. Va.
Evans, Lillian ..................................................... Washington, D. C.
Gilpin, Zénobia Gustava ........................................ Richmond, Va.
Goodwin, Amy Louise ........................................ Amherst, Mass.
Gray, Emma ........................................................ Washington, D. C.
Helm, Arrington .................................................... Anacostia, D. C.
Howard, Mabel Lee .............................................. Asbury Park, N. J.
Hughes, Revella .................................................. Huntington, W. Va.
Jackson, Birkie .................................................... Birmingham, Ala.
Lark, Rowena ..................................................... Washington, D. C.
Rhodes, Margaret ................................................ Columbia, S. C.
Scott, Clyde N. ..................................................... Washington, D. C.
Simmons, Sarah Elizabeth .............................. Baltimore, Md.
Taylor, Thomas .................................................... Washington, D. C.
Terrell, Phyllis ................................................... Washington, D. C.

PIANO STUDENTS

Adams, Alberta ..................................................... Annapolis, Md.
Adams, Louise ..................................................... Annapolis, Md
Ashton, A. .......................................................... Washington, D. C.
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<td>Barbre, Bessie</td>
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### ORGAN STUDENTS

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<td>Bundy, Della</td>
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<td>Wooding, Clinton</td>
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<td>Yates, Dolan</td>
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### HARMONY I

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### HARMONY II

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HISTORY

Hughes, Revella .................................................. Huntington, W. Va.
Lindsay, Hallie ................................................... Birmingham, Ala.

VIOLIN STUDENTS

Baxter, Marion .................................................... Georgetown, S. C.
Cecil, Anna Miner ................................................ Johnson City, Tenn.
Daniels, Frederick ............................................ Nashville, Tenn.
Day, Nannie .......................................................... Dallas, Texas
Firse, Dillard Jesse ........................................... Cleveland, Ohio
Fletcher, Charles William ............................................ Annapolis, Md.
Hopkins, A. W. .................................................... Washington, D. C.
Lane, Maude ............................................................ Baltimore, Md.
Nebblitt, Martha .................................................... New York, N. Y.
Terrell, Phyllis ..................................................... Washington, D. C.

SUMMARY

Vocal .............................................................. 22
Piano ............................................................... 97
Organ ............................................................... 5
Violin ............................................................... 10
Harmony ........................................................... 14
History ............................................................ 2

150

Names duplicated ................................................. 33

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THE SCHOOL OF THEOLOGY

SENIORS

Anderson, George H. P. ...................................... Manchester, Jamaica, B. W. I.
Armstrong, John William ........................................ Cambridge, Md.
Brown, John W. .................................................. Frankfort, Ky.
Bishop, Bishop B. ................................................ Lowndesville, S. C.
Reene, Richard Allen ........................................... Baltimore, Md.
Hamilton, Walter George .................................... Brooklyn, N. Y.

*Conditioned.
Hodgson, William LeRoy ........................................ Bluefields, Nicaragua
Jernigan, Charles W. ............................................. Winton, N. C.
Love, Edgar A. .................................................... Baltimore, Md.
Nelson, Rinico ..................................................... Steedman, S. C.
Pace, James Wesley ............................................... New Orleans, La.
Pagan, Adholtz H. ................................................ Barbados, B. W. I.
Preston, William B. ............................................... Salem, Va.
Ricks, Walter Edward ............................................ Portsmouth, Va.
*Scott, George W. ............................................... Washington, D. C.
West, Thomas Clarke ............................................ St. Anns, Jamaica, B. W. I.

MIDDLES

Elmes, Arthur F. ................................................. Antigua, B. W. I.
Grecian-Donawa, Dudley ......................................... Trinidad, B. W. I.
Helm, Arrington S. ............................................... Anacostia, Md.
Hercules, James F. ............................................... Bluefields, Nicaragua
Laviscount, Samuel L. .......................................... Antigua, B. W. I.
Lee, James E. ..................................................... Atlanta, Ga.
Liggins, Elmer B. ................................................ Zenia, Ohio
Marshall, James M. ............................................... Washington, D. C.
Moore, Kid Leon .................................................. Grambling, La.
Shirley, Edwin Samuel ......................................... Jamaica, B. W. I.

JUNIORS

Bailey, Flavius J. ............................................... Jamaica, B. W. I.
Best, Clairmonte ................................................ Barbadoes, B. W. I.
Botts, Bernard .................................................... Washington, D. C.
Claymes, Raymond A. .......................................... Bronham, Texas
Davis, Levi W. ................................................... Winnsboro, S. C.
Donald, Henderson H. ......................................... Convent, La.
*Ellis, Linton C. ................................................ Amsterdam, N. Y.
Gray, Walter ....................................................... Dallas, Texas
Harrison, James H. ............................................. Boston, Mass.
Henry, David A. ................................................ Jamaica, B. W. I.
Johnson, David .................................................. Washington, D. C.
Pace, Arthur H. .................................................. Bogue, Kansas

* Conditioned.
Perkins, Vassar E. .................................................Trevillians, Va.
*Washington, Lorenzo H. .........................................Johnstown, N. Y.

UNCLASSIFIED

Botts, Bernard ........................................ Durham, N. C.
Broadus, Eugene T. ......................................... Deanwood, D. C.
Busby, Thomas E. ........................................ Trinidad, B. W. I.
Chambers, Samuel T. ...................................... Dayton, Ohio
Corbin, Junius E. ........................................ Tidewater, Va.
Cropper, Robert ........................................ Milford, Del.
DesMukes, Albert D. ......................................... Gonzales, Texas
Graham, Linton M. ....................................... Jamaica, B. W. I.
Herring, Lormie P. ....................................... Wigham, Ga.
Holley, Lewis W. ................................ .......... Columbia, S. C.
Hughes, Enoch E. ........................................ Cambridge, Md.
Minor, Nathaniel ........................................ Eleckton, Va.
Osborne, Ernest A. ......................................... Washington, D. C.
Owens, Romolo De Orenzella ......................... San Juan, Porto Rica
Proctor, George ............................................ Baltimore, Md

EVENING INSTITUTE

FOURTH YEAR

Jenkins, Charles B. ..............................................Washington, D. C.
Lewis, Augustus ...............................................Washington, D. C.
Stevenson, Nathaniel G. .....................................Washington, D. C.
Thornton, William A. .......................................Washington, D. C.

THIRD YEAR

Anderson, Robert ..............................................Washington, D. C.
Boswell, John M. ...............................................Washington, D. C.
Cunningham, John ...........................................Washington, D. C.
Davis, James W. ...............................................Washington, D. C.
Gant, Benjamin F. ...........................................Washington, D. C.
Henderson, William T. ......................................Washington, D. C.
Henley, Emma L. ...............................................Washington, D. C.
Jones, Edward ..................................................Washington, D. C.
Lee, Joseph W. ..................................................Washington, D. C.
Mason, William ................................................Rockville, Md.

* Conditioned.
SECOND YEAR

Addison, William H. ............................................ Washington, D. C.
Brooks, Eugene .................................................. Washington, D. C.
Colley, Joel J. .................................................. Washington, D. C.
Dorsey, Charles H. ............................................. Washington, D. C.
Frazier, James ................................................... Washington, D. C.
Fisher, Abraham B.............................................. Washington, D. C.
Goins, James G. ................................................ Washington, D. C.
Hamilton, John A................................................ Washington, D. C.
Jackson, Benjamin F.......................................... Washington, D. C.
Jiggetts, Benjamin D ........................................ Washington, D. C.
Mason, Joseph B................................................ Washington, D. C.
Miser, James ..................................................... Washington, D. C.
Osborne, Irving .................................................. Washington, D. C.
Pickett, Henry O............................................... Washington, D. C.
Shadd, Ralph S. ................................................ Washington, D. C.
Walden, Charles E ............................................. Washington, D. C.
Willis, Charles P ............................................... Washington, D. C.
Wilson, Robert B ............................................... Washington, D. C.

FIRST YEAR

Barnes, Edward J. .............................................. Washington, D. C.
Brooks, William E. ............................................ Washington, D. C.
Butler, Peter C. ................................................. Washington, D. C.
Costley, Lawrence .............................................. Washington, D. C.
Davis, John H. Y............................................... Washington, D. C.
Ephraim, William S........................................... Washington, D. C.
Fairfax, John H. ............................................... Washington, D. C.
Gant, Benjamin F............................................... Washington, D. C.
Greene, Ernest .................................................. Washington, D. C.
Grimes, Richard ................................................ Washington, D. C.
Guerra, Isidore .................................................. Washington, D. C.
Hackett, Joseph C.............................................. Washington, D. C.
Johnson, Edward T............................................. Washington, D. D.
Munnerlyn, Jackson A......................................... Washington, D. C.
Roy, Kato W...................................................... Washington, D. C.
Sampson, Mercer S............................................. Washington, D. C.
Sparrow, James W............................................. Washington, D. C.
Spriggs, Henry W............................................... Washington, D. C.
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**DEPARTMENT OF CORRESPONDENCE STUDY**

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<td>Heacock, H. T.</td>
<td>New Milford, Conn.</td>
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* Matriculated.
*Hodge, Benjamin H. ........................................... Jacksonville, Fla.
Hoggard, J. M. .............................................. Jersey City, N. J.
Holmans, C. H. .................................................. Paw Creek, N. C.
Holmes, F. D. ................................................... Norfolk, Va.
*Jackson, John A. ............................................. Washington, D. C.
Johnson, L. H. .................................................. Oxford, N. C.
Jones, Arthur H. ................................................ Ancon, C. Z.
Jones, R. C. C. ................................................. New York City, N. Y.
Jones, S. August ................................................. Brooklyn, N. Y.
Leath, W. H. ..................................................... Uniontown, Ala.
Lee, D. J. ......................................................... Norfolk, Va.
Lewis, E. Martin ............................................... Canal Zone, Panama
*Lucas, B. A. .................................................... Washington, D. C.
Mackey, S. T. ..................................................... Long Island, N. Y.
Mickens, J. W. ................................................... Harriston, Va.
Parham, S. L. .................................................... Henderson, N. C.
Perry, Burl H. .................................................. Atlantic City, N. J.
Peters, Edwin .................................................... Trinidad, B. W. I.
Phillips, Albert H. ............................................. New York City, N. Y.
Pinson, I. David ................................................ Sumter, S. C.
Ramseur, C. V. .................................................. Charlotte, N. C.
*Reed, D. L. ...................................................... Fredericksburg, Va.
Richardson, Alonzo .............................................. Washington, D. C.
Risien, Harry .................................................... New York City, N. Y.
Roach, T. E. ..................................................... New Haven, Conn.
Sharp, Lewis M. ............................................... Cleveland, O.
Sheppard, J. D. ................................................ Roslyn, N. Y.
Smith, E. P. ...................................................... Carnegie, Pa.
*Stokes, V. V. K. .............................................. Baltimore, Md.
*Suthern, W. B. ................................................. Harrisburg, Pa.
Tate, G. W ...................................................... Salisbury, N. C.
Taylor, Ernest Augustus ..................................... Trinidad, B. W. I.
Townsend, G. T. ................................................ Dames Quarter, Md.
Turner, W. A. ..................................................... St. Michaels, Md.

* Matriculated.
MEDICAL COLLEGE

Virgil, J. D. ................................................. Prince Bay, Staten Island, N. Y.
West, W. C. ......................................................... Preston, Md.
Williams, Ashton A. ........................................ New York City, N. Y.
Wilson, T. P. ............................................................... Salisbury, Md.
Wormley, Leon S. ................................................... Washington, D. C.
Woodley, T. H. ......................................................... Berlin, Md.

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Correspondence Students

Matriculated as University Students................. 12
— 12
— 124
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MEDICAL COLLEGE

SENIORS

Bennett, Isaiah Samuel, A. B., Allen ..................... Charleston, S. C.
Burke, Stephen Emory ........................................... Orange, N. J.
Calloway, Elijah Arthur ....................................... Kilgore, Texas
Conyers, James Garfield ..................................... Chattanooga, Tenn.
Cooper, Wellington Watson ................................. Waco, Texas
Dixson, David Johnson, A. B., Benedict College ........................................ Barnwell, S. C.
Flowers, John Azerre ............................................................... Casscoe, Ark.
Holt, John Walker, A. B., Livingstone ........................................ Asheville, N. C.
Hughes, Hugh Price ...................................................................... Baltimore, Md.
Lane, Willard Mercer, A. B., Oberlin ........................................ Washington, D. C.
Mayhew, William Henry ............................................................... Trinidad, B. W. I.
Palmer, Henry Samuel ..................................................................... Jamaica, B. W. I.
Plummer, Frank Victor ................................................................. Washington, D. C.
Richie, Emory Wallace, B. S., A. & M ........................................... Abbeville, S. C.
Riley, Joseph Henry ......................................................................... Little Rock, Ark.
Terry, Elmer Clayton, A. B., Howard ............................................. Pleasantville, N. J.
Wiggins, Elmore Cornelius ................................................................ St. Louis, Mo.
Worth, Charles Wesley, A. B., Shaw ............................................. Raleigh, N. C.

JUNIORS

Booker, Lee Walls ............................................................................. Danville, Va.
Burnett, Foster Flavorial, B. S. (A. & T.) ........................................ Wilmington, N. C.
Carroll, Daniel Harris, A. B., Morgan College ................................ Baltimore, Md.
Coleby, Albert Edward ................................................................. Bahamas, B. W. I.
Cook, Frank Robert, B. S., Howard ............................................... Washington, D. C.
Cooper, Oscar James, A. B., Howard ............................................... Washington, D. C.
Gibbs, Jonathan Clarkson, A. B., Howard ...................................... Tallahassee, Fla.
Harris, Charles Young, A. B., Howard .......................................... Washington, D. C.
Keaton, James Max ............................................................................. Asheville, N. C.
Lennox, Porter Barry, A. B., Howard ............................................. Detroit, Texas
Luck, Jeremiah, Jr., A. B., Howard .................................................... Danville, Va.
Pigott, Casper Napoleon .................................................................... Baltimore, Md.
Primas, Howard Emmett ................................................................. Camden, N. J.
Quick, John Doward ........................................................................... Rockingham, N. C.
Savoy, Walter Stanford, B. S. Howard ........................................... Washington, D. C.
Starks, Samuel Lumpkin, A. B., Paine College ................................ Lisbon, Ga.
Stitt, Richard Howard, A. B., Livingstone ..................................... Brooklyn, N. Y.
Warricks, John Thomas, A. B., Howard .......................................... Harrisburg, Pa.
SOPHOMORES

Adams, George William, Jr., B. S., Dartsmouth ..........Washington, D. C.
Armstead, Abram Dean, A. B., Howard .................Lovelady, Texas
Bell, John Bethel, A. B., Lincoln ..................Governor's Island, N. Y.
Brannon, William Griffith Carter, B. S., Howard ....Louisville, Ky.
Brown, Lucius Horace, B. S., Howard ............Madisonville, Ky.
Carter, Peter Jacob ................................Frantown, Va.

Cheney, Perry Wadsworth, A. B., Georgia ............Lumpkin, Ga.
Chisholm, Gibbs, A. B., Biddle ......................Frogmore, S. C.
Cobbs, Price Peter, B. S., Howard ................Barbourville, Va.
Davis, Raymond Anthony, A. B., Howard ..........Washington, D. C.
Fisher, Charles Bennett, A. B., Pittsburg .......Washington, D. C.

Frazer, Joseph Ethelbert ..........................Demerara, B. G.
Gates, George Henry, A. B., Lincoln .............Cumberland, Md.
Hardeman, Elliot Haskett, A. B., Wiley ..........Fort Worth, Texas
Harlee, Chauncey Mitchell Depew, A. B. Howard ....Dallas, Tex.
Harison, Joseph Plummer, B. S., Howard ............Whitaker, N. C.

Hawkins, James B., A. B., Penn ......................Washington, D. C.
*Hayes, James Hyland, Jr., A. B., Penn ..........Washington, D. C.

Johnson, James Raymond, A. B., Howard ..........Owensboro, Ky.
McCain, James Price, A. B., Livingstone .......Southern Pines, N. C.
McCloud, William, A. B., Lincoln ................Fort Lawn, S. C.
Magruder, William Francis, A. B., Dartmouth ....Washington, D. C.
Morgan, Frederick Clifton ...........................Barbados, B. W. I.

Perry, Golan Sampson, A. B., Shaw .................Raleigh, N. C.
Scott, Luther James ..................................Jamaica, B. W. I.
Shirley, John Wallbridge ............................Jamaica, B. W. I.
Williams, Rutherford Marcus .........................Chicago, Ill.
Wilson, Wiley Merlio, Phar. D., Howard ............St. Louis, Mo.

* Deceased.
### FRESHMEN

<table>
<thead>
<tr>
<th>Name</th>
<th>College</th>
<th>City</th>
</tr>
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<tbody>
<tr>
<td>Allen, James Ulysses</td>
<td>Howard</td>
<td>Oxford, N. C.</td>
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<tr>
<td>Austin, Henry James</td>
<td>Princeton, N. J.</td>
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<td>Bagley, Lloyd Smith</td>
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<td>Boyd, Charles Henry</td>
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<td>Carter, Stansbury</td>
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<td>Chubb, Louis De G.</td>
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<td>Cook, Jonathan R.</td>
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<td>Gunn, James Hairston</td>
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<td>Jackson, Lawrence</td>
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<td>Jones, Samuel Arthur</td>
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<td>Martin, Andrew Dibble</td>
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<td>Matthews, Herbert</td>
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<td>Scruggs, Ivorite</td>
<td>Memphis, Tenn.</td>
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<td>Sheffield, Orville</td>
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<td>Stratton, Harold</td>
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<td>Sutton, George Church</td>
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<td>Waters, John Benjamin</td>
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<td>Whyte, William Elias</td>
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<tr>
<td>Young, Ralph Jay</td>
<td>Reading, Pa.</td>
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### DENTAL COLLEGE

#### SENIORS

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<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Bailey, Clarence</td>
<td>Norfolk, Va.</td>
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<td>Beatty, John Casson</td>
<td>Alexandria, La.</td>
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<td>Brazier, Joseph</td>
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<td>Bunch, Lonnie Griffith</td>
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<td>Clarke, Roger</td>
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Davis, Alexander Gaston, A. B., Biddle .........................................................Charlotte, N. C.
Dickens, Harvey Horace ..............................................................................Philadelphia, Pa.
Downing, Ralph Bernard ..............................................................................Altoona, Pa.
Dunn, Moses Daniel ......................................................................................Kerens, Texas
Evans, Egbert Hugh ......................................................................................Jamaica, B. W. I.
Fyfe, Thomas Leopold ....................................................................................Jamaica, B. W. I.
Gardener, Roy Ralph ......................................................................................Norfolk, Va.
Haywood, Harold Edmund ..............................................................................San Antonio, Tex.
Howard, Waldo Jenkins .................................................................................Jacksonville, Tex.
Hunter, Frank Wilberforce ............................................................................Jamaica, B. W. I.
Hussey, Charles S. Castile ..............................................................................Jamaica, B. W. I.
Inghram, Berry Shumpert, B. P., Rust .........................................................Corinth, Miss.
Ingram, William Everett ..................................................................................Montclair, N. J.
Intsiful, Kofi Tewia, A. B., Livingstone ....................................................Cape Coast, W. C. Africa
Jones, Thomas Eugene ...................................................................................Washington, D. C.
Kendrick, Matthew .........................................................................................Three Notch, Ala.
Lafayette, Albert Simms ................................................................................Savannah, Ga.
MacCalla, Reuben Alexander ........................................................................Jamaica, B. W. I.
Maitland, Clarence Albert ..............................................................................Baltimore, Md.
Maxwell, Andrew Dibble, A. B., Lincoln ......................................................Sumter, S. C.
May, Edgar Hollis ..........................................................................................Holton, Kan.
McAllister, Henry Adam .................................................................................Fayetteville, N. C.
McLeod, Frederick Jerry ................................................................................Florence, S. C.
McMurray, Alonzo James ................................................................................St. Louis, Mo.
Parham, James Tunstall ................................................................................Danville, Va.
Phillips, Edgar Donald ..................................................................................Jamaica, B. W. I.
Plummer, Lionel Latimer ...............................................................................Jamaica, B. W. I.
Pottinger, Simeon Hendric, B. S., Howard ................................................New York, N. Y.
Reid, Herbert ...................................................................................................Jamaica, B. W. I.
Robinson, Edna Cordelia Corinna ..................................................................Montclair, N. J.
Scott, Wyndham Meredith Songer ................................................................Wytheville, Va.
Smith, Charles James .......................................................................................Norfolk, Va.
Thomas, Arthur Lafayette .............................................................................Long Branch, N. J.
Westmoreland, Isaac Owen, A. B., Atlanta ................................................Atlanta, Ga.
Yancey, Clinton Ernest, A. B., Biddle ..........................................................Danville, Va.
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<th>Name</th>
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<td>Bailey, Richmond Napoleon</td>
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<td>Banks, Thomas Jackson</td>
<td>Lincoln Institute</td>
<td>Chillicothe, Mo.</td>
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<td>Barnes, George Spencer</td>
<td>Delaware State Col.</td>
<td>Oxford, Md.</td>
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<td>Benson, Ulysses Grant</td>
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<td>Coleman, Charles Hiram</td>
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<td>Cooke, Frederick Cavastal</td>
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<td>Delaware State Col.</td>
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<td>Hibbert, Walter Nathaniel</td>
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<td>Holdon, Percy Spofford</td>
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<td>Horne, Woody Lemuel</td>
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<td>Lattimore, Oliver Louis</td>
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<td>Lockley, Wesley Selestter</td>
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<td>McNeill, Oliver Wendell</td>
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<td>Nelson, Rembert Thomas</td>
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<td>Galveston, Texas</td>
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<td>Norton, Carl Homer</td>
<td>(A. &amp; M. College)</td>
<td>Tampa, Fla.</td>
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<td>Palmer, William Patton</td>
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<td>Parks, James Benson</td>
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<td>Rivers, Mark Edmond</td>
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<td>Samuels, Herbert Charles</td>
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<td>Strothers, Hulett Cordula</td>
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<td>Taylor, Royal Washington</td>
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<td>Teabeau, Ralph Bartlett</td>
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<td>Keokuk, Ia.</td>
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<td>Van Leesten, Charles Rudolph</td>
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<td>Watkins, Alice May</td>
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</tbody>
</table>
DENTAL COLLEGE

Williams, William Henry, A. B. Biddle .................. Goldsboro, N. C.
Zuazo, Virgilio Meneses ................................. Remedios, Cuba.

FRESHMEN

Alston, Charles Henry ......................................................... New York, N. Y.
Astwood, Charles Eric ..................................................... Turks Island, B. W. I.
Banks, Leonard Angell ....................................................... Hampton, Va.
Brown, James Wallace .................................................... New York, N. Y.
Cassell, Louis Ardonis .................................................. Atlantic City, N. J.
Chase, Leonard Alfred ................................................... Baltimore, Md.
Cheevers, James Henry ..................................................... Albany, Ga.
Evelyn, Reginald George .................................................. Barbadoes, B. W. I.
Foreman, William Preston, A. B., Howard ................ Tarrytown, N. Y.
Foster, William Harris ..................................................... Meridian, Miss.
Garnes, Hasel W. ......................................................... Cambridge, Ohio
Garvin, Walter Benjamin .................................................. Jacksonville, Fla.
Gomez, Lamar Joseph .................................................. St. Louis, Mo.
Green, Vernon Sylvester .................................................. Washington, D. C.
Grinnage, Willard Thomas ................................................. Wilmington, Del.
Grymes, Milton James .................................................. Washington, D. C.
Gunner, William Byron ..................................................... Hillburn, N. Y.
Harris, Webster Lee ....................................................... Charlottesville, Va.
Henry, Clifford Elwood .................................................... Wilmington, Del.
Hill, Seymour Scott, Jr. ................................................... Montclair, N. J.
Hines, Ashley Austin, Jr. .................................................. Washington, D. C.
Jervay, Alonzo Webster .................................................. Wilmington, N. C.
Landin, Howard C. ......................................................... Asbury Park, N. J.
Leary, Matthew Nathaniel B. S., Biddle .................... Charlotte, N. C.
Lee, James Elliott ....................................................... Washington, D. C.
Lennox, Troy William ...................................................... St. Louis, Mo.
Lord, Guy Adolphus ....................................................... Grenada, B. W. I.
Malone, Thomas Nathan, B. S., Alcorn .................. West Point, Miss.
McClester, John Doby, Jr. .................................................. Camden, S. C.
McKinney, Walter Victor .................................................. Washington, D. C.
Nicholson, Harvey Sylvester ....................................... Atlantic City, N. C.
Owens, Henry F. ............................................................. Cape May, N. J.
Pookrum, Jasper Henry .................................................... Durham, N. C.
Preston, Charles Watts .................................................. New Brunswick, N. J.
Pyles, Oreal De Amond, B. S., Kansas .............................. Pasadena, Cal.
Robinson, Alexander Wilford ...................................... Great Falls, Mont.
Schuster, Ernest Colbjornsen ....................................... New Haven, Conn
Simkins, George Christopher, B. S., Claflin .................... Orangeburg, S. C.
Singleton, John Andrew .............................................. Omaha, Neb.
Smith, Albert Alexander ............................................. New Orleans, La.
Smith, Joseph Willie .................................................. Beaumont, Texas
Smith, Paul Lafayette ................................................ Providence, R. I.
Spivey, Henry P ........................................................ Brewton, Ala.
Stafford, Alphonso Orenzo, Jr ..................................... Washington, D. C.
Staples, Alexander A .................................................. Providence, R. I.
Sullivan, John Wright .................................................. Wilmington, N. C.
Sykes, Frank Jehoy ...................................................... Decatur, Ala.
Walton, Adolphus ...................................................... Jamaica, B. W. I.
Ward, Milton M., B. S., Howard .................................. Washington, D. C.
Washington, Lister C. D .............................................. New York, N. Y.
Watts, John Edward .................................................... Jamaica, B. W. I.
Wheaton, Layton Johnston, A. B., Lincoln ................. New York, N. Y.
Whisiker, Henry ......................................................... Bluefield, W. Va.
White, Goodloe Durrett .............................................. Bowie, Md.
White, James Arthur ................................................... Roanoke, Va.
Wilkin, Arthur Edmond .............................................. Monserrat, B. W. I.
Williams, Daniel Barclay ............................................. Richmond, Va.
Wiseman, Melanchton Joseph Daniel ............................. Washington, D. C.
Young, Kenneth Mertonel ............................................. Spartanburg, S. C.

PHARMACEUTIC COLLEGE

SENIORS

Beckwith, Charles Bernard ........................................ Washington, D. C.
Blair, James Henry Robinson ....................................... Jamaica, B. W. I.
Childs, Creed Winston, Jr ........................................... Washington, D. C.
Fletcher, James Richard .............................................. Princeton, N. J.
Fowler, Esther Ellen .................................................. Baltimore, Md.
Fowler, Ruth Marie ................................................... Baltimore, Md.
Garnett, Thomas Howard ............................................. Hopkinsville, Ky.
Herriot, George Montgomery ....................................... Washington, D. C.
Jernigan, Robert Lawrence ................................................... Winton, N. C.
Jones, Verdi Merrick ....................................................... Washington, D. C.
Mullon, Edward Palmer .................................................... New Orleans, La.
Smoot, John Mandeville ..................................................... Cheraw, S. C.
Valentine, Odie Frank ........................................................ St. Louis, Mo.
Woodard, William Spurgeon ............................................. Rockingham, N. C.

JUNIORS

Cabell, Newell Atwood, A. B. Howard ................................ Madisonville, Ky.
Chavis, Wellington Rufus .................................................. Charleston, S. C.
Clark, James Buchanan .................................................... Madison Heights, Va.
Gaines, Jannette Lincolnia ................................................ Baltimore, Md.
Harris, Andrew William ................................................... Washington, D. C.
Hunton, Benjamin Holden .................................................. Toronto, Canada
Milburn, Arland Roland .................................................... Wilmington, Del.
Mitchell, Beatrice Sedilla ................................................. Washington, D. C.
Pollard, Albert Louis ........................................................ Oak Bluffs, Mass.
Pryce, Ulric Woodman ..................................................... Lake Charles, La.
Reid, Harry Wilson ......................................................... Lynchburg, Va.
Selden, George Howell .................................................... Bedford City, Va.
Smith, Oscar Nathaniel .................................................... Charleston, S. C.
Thrower, William Harrison ................................................ Elizabeth City, N. C.
Toodle, Aaron Conklin ..................................................... Plymouth, N. C.
Walker, Lee Andrew ......................................................... Washington, D. C.
Webb, Elias S., Jr. .......................................................... Washington, D. C.
Williams, William Robert ................................................. Kansas City, Mo.
Yancey, Abner Mitchell .................................................. Richmond, Va.

FRESHMEN

Ballard, William Henry, Jr. .............................................. Lexington, Ky.
Beasley, Alonzo Earl ........................................................ Portsmouth, Va.
Bowser, Warren Nathaniel ............................................... Havre De Grace, Md.
Clark, Harold George ...................................................... Akron, Ohio
Green, Burrell Harrison ................................................... Oak City, N. C.
Greenfield, Vincent Marshall ............................................ Washington, D. C.
Hall, William Bernard ..................................................... Washington, D. C.
Harllee, Norman Washington, Jr. ..........................Dallas, Texas
Johnson, Nathaniel ..................................................Roanoke, Va.
Jones, Aaron P. .......................................................Memphis, Tenn.
Miles, Ferdinand Alphonso ...............................Marshall, Va.
Mitchell, John Stafford ......................................Lynchburg, Va.
Moore, George Elmer .........................................Concord, N. C.
Norfleet, John Clarence .....................................New York, N. Y.
Pannell, Phylip Ernest ..........................................Oakland, Cal.
Pollock, S. M. ............................................................Mexia, Texas
Reddix, William Moaten ..................................Washington, D. C.
Savoy, Edward Augustine, Jr. .........................Washington, D. C.
Snowden, Ernest Otto ......................................Livingstone, Va.
Stokes, Thomas Elder ........................................Greensburg, Pa.
Sweeney, Henry C. ..............................................San Antonio, Texas
Thompson, Ravenell .........................................Lynchburg, Va.
Watson, Charles Irving .......................................Monroe, N. C.
Woods, Eldridge Garrett ..................................San Antonio, Texas

**SUMMARY**

**MEDICAL**

<table>
<thead>
<tr>
<th>Class</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Seniors</td>
<td>22</td>
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<tr>
<td>Juniors</td>
<td>18</td>
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<td>Sophomores</td>
<td>33</td>
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<tr>
<td>Freshmen</td>
<td>25</td>
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<tr>
<td>Total</td>
<td>98</td>
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**DENTAL**

<table>
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<th>Class</th>
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<tr>
<td>Seniors</td>
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<td>Juniors</td>
<td>41</td>
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<td>Freshmen</td>
<td>65</td>
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<td>Total</td>
<td>153</td>
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**PHARMACEUTIC**

<table>
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<th>Class</th>
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<tr>
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<td>Juniors</td>
<td>19</td>
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<tr>
<td>Freshmen</td>
<td>25</td>
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<tr>
<td>Total</td>
<td>60</td>
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**Total** .............................................311
### SENIORS

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Baijnath, Shadrach</td>
<td>Trinidad, B. W. I.</td>
</tr>
<tr>
<td>Ball, Otis Taylor</td>
<td>Burgess Store, Va.</td>
</tr>
<tr>
<td>Baynham, Daniel Lindsey</td>
<td>Beazley, Va.</td>
</tr>
<tr>
<td>Beasley, George Walker</td>
<td>Boston, Mass.</td>
</tr>
<tr>
<td>Crumpler, Chester Harrison</td>
<td>Steubenville, Ohio</td>
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<tr>
<td>Crunn, Alpheus Adolphus</td>
<td>Montpelier, Jamaica</td>
</tr>
<tr>
<td>Davis, Jackson Lee, A. B.</td>
<td>Mansfield, La.</td>
</tr>
<tr>
<td>DeVaughn, George Gerald</td>
<td>Jacksonville, Fla.</td>
</tr>
<tr>
<td>Grimshaw, Walter Hamilton</td>
<td>Washington, D. C.</td>
</tr>
<tr>
<td>Hall, Carolina Elizabeth (Miss)</td>
<td>Peoria, Ill.</td>
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<tr>
<td>Harris, Mortimer Melbourne</td>
<td>Montgomery, Ala.</td>
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<tr>
<td>Hill, Samuel Benjamin</td>
<td>Washington, D. C.</td>
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<tr>
<td>Howell, LaFayette Armstead</td>
<td>Norfolk, Va.</td>
</tr>
<tr>
<td>Jones, Joseph Norengo</td>
<td>Tallahassee, Fla.</td>
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<tr>
<td>Lane, Charles Edward, Jr.</td>
<td>Washington, D. C.</td>
</tr>
<tr>
<td>Mason, Joseph Felix</td>
<td>West Hope, Va.</td>
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<tr>
<td>McAlister, David James</td>
<td>Fayetteville, N. C.</td>
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<tr>
<td>Pinderhughes, Charles Lloyd</td>
<td>Providence, R. I.</td>
</tr>
<tr>
<td>Richardson, James Anderson</td>
<td>Washington, D. C.</td>
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<td>Robinson, Charles Edward</td>
<td>Washington, D. C.</td>
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<tr>
<td>Sanders, Thomas Fred</td>
<td>Asheboro, N. C.</td>
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<tr>
<td>Settle, Josiah Thomas</td>
<td>Memphis, Tenn.</td>
</tr>
<tr>
<td>Westerfield, Samuel Zaza Childs</td>
<td>Lincoln, Neb.</td>
</tr>
<tr>
<td>Wright, Lillian Blanche (Miss)</td>
<td>Chicago, Ill.</td>
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</tbody>
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### MIDDLERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Place</th>
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<tbody>
<tr>
<td>Adams, George Cornelius</td>
<td>Muskogee, Okla.</td>
</tr>
<tr>
<td>Avery, Richard Thomas</td>
<td>Nyack, N. Y.</td>
</tr>
<tr>
<td>Bester, William Steverson</td>
<td>Memphis, Tenn.</td>
</tr>
<tr>
<td>Booth, Guy Bryan</td>
<td>Washington, D. C.</td>
</tr>
<tr>
<td>Daniels, George Washington, A. B.</td>
<td>Stroud, Okla.</td>
</tr>
</tbody>
</table>
Dunning, Benjamin Flinaull ................................................. Norfolk, Va.
Fulbright, James Milton, B. L. D. ........................................ Springfield, Mo.
Garnes, Ulysses Simpson ......................................................... Columbus, Ohio
Gray, George Howard, B. S. ........................................ Edwards, Miss.
Hale, James Everett ............................................................... Norfolk, Va.
Hampton, John Henry .............................................................. Baltimore, Md.
Harrison, Robert Samuel ...................................................... Austin, Texas
Henry, Josiah Francis, Jr. .................................................. Cambridge, Md.
Hodges, Virnal Clingman ........................................................... Norfolk, Va.
Jackson, John Henry .............................................................. Deanwood, D. C.
Jones, James Turner ............................................................... Washington, D. C.
Lowe, Roy John ................................................................. Muskogee, Okla
McCormick, John Rowland ..................................................... Washington, D. C.
Moody, Eugene Hayes ............................................................. Forrest City, Ark.
Moore, Herman Emmons, A. B. ............................................. Jackson, Miss.
Morgan, Constantine Adolphus ................................................. Mobile, Ala.
Pollard, William Augustus, A. B. ........................................ Georgetown, Demerara, B. G.
Terry, Charles Taylor, Jr. .................................................. Crystal Springs, Miss.
Treadwell, Mervin Johnson .................................................. North Adams, Mass.
White, Herbert Ulysses .......................................................... Talladega, Ala.

JUNIORS

Adams, Adolph Cecil ......................................................... Lynchburg, Va.
Benjamin, Launey James ...................................................... Savannah, Ga.
Brice, George Edward .......................................................... Annapolis, Md.
Brooke, Edward William ....................................................... Fredericksburg, Va.
Brown, James Wiley ............................................................... Huntington, W. Va.
Browne, Joseph Grant .......................................................... San Antonio, Texas
Chaplin, Edmund ............................................................... Round, S. C.
Clayton, Benjamin Wilson, A. B. ......................................... Montgomery, Ala.
Coleman, William Clarence B. S. D. ....................................... Colorado Springs, Colo.
Crawford, Robert Percy, B. S. ............................................. Jacksonville, Fla.
Ellis, Percy Langston ........................................................... Disputanta, Va.
Flagg, Charles Herman .......................................................... Washington, D. C.
Gowens, Modena (Miss) ....................................................... Washington, D. C.
Gwathney, Benjamin Harrison .............................................. Washington, D. C.
Hall, George Edgar ......................................... Greenville, Ky.
Harris, Benjamin Franklin ................................ Salem, N. J.
Hayes, George Edward Chalmers, A. B. .................. Washington, D. C.
Hendley, Charles Vergne, A. B. ............................ Huntsville, Ala.
Henson, James Arthur ....................................... Washington, D. C.
Holden, Reginald Alston .................................... Atlantic City, N. J.
Howell, Charles Hampden .................................. British Guiana, S. Amer.
Jackson, George Thomas ..................................... Philadelphia, Pa.
Johnson, Lewis Carlisle ................................... Washington, D. C.
Key, Melvin Jefferson ...................................... Florence, Ala.
Kirksey, Thomas ........................................... Selma, Ala.
Lascot, Pedro ................................................ Arroyo, Porto Rico
Lewis, Garrett Morgan ...................................... San Antonio, Texas
McDonald, Warren Nicholas ................................. Lancaster, S. C.
Malone, Frederick DeWitt .................................. Washington, D. C.
Monroe, Joseph Hamilton .................................... Providence, R. I.
Nutt, Irving Taliaferro ...................................... Washington, D. C.
Perry, Julian Walker ........................................ Lynchburg, Va.
Saulter, James Jasper ....................................... High Point, N. C.
Scott, Robert Charles, Jr. ................................... Washington, D. C.
Sewall, Irving ............................................... Washington, D. C.
Stanard, Lawrence Schoolcraft .............................. Washington, D. C.
Talbert, Francis Johnson .................................... Brooklyn, N. Y.
Taylor, Silas Mack .......................................... Lynchburg, Va.
Waddy, Warren Robinson, B. S. ............................. Columbia, Texas
Wesley, Charles Harris, M. A. .............................. Washington, D. C.
Williams, Theron Nelson .................................... Salem, Va.

SPECIALS

Bunch, George .............................................. Galena, Kans.
Frye, Samuel Dennis ........................................ Anacostia, D. C.
Lilly, Leonard Joel, A. B. ................................ Crystal Springs, Miss.
Lyons, Thaddeus ............................................. Galveston, Texas
Nicholson, Reuben .......................................... Tunis, Texas
Quiller, James Bernard ..................................... Hartford, Conn.
Staples, Granville Vance ................................... Martinsville, Va.
West, Arthur Harvey ......................................... Xenia, Ohio
Wimberley, Frank Howell, A. B. ............................ Tarboro, N. C.
HOWARD UNIVERSITY

SUMMARY

Seniors ............................................................. 29
Middlers ............................................................ 29
Juniors .............................................................. 42
Specials .............................................................. 10

110

ACADEMY

SENIORS

Abbott, George Washington ....................... New York City, N. Y.
Alexander, Eugene Thomas ............................... Bealeton, Va.
Baxter, Marion Angelina ................................ Georgetown, S. C.
Bellenger, Richard Eugene ............................... Charleston, S. C.
Brown, Sidney Philip ...................................... Edwards, Miss.
Brown, Edith Anna .............................................. Avondale, Pa.
Brooks, Nathaniel Cannon ....................... New York City, N. Y.
Cameron, Katheryn Lee ................................. Canton, Miss.
Carter, Fred Douglas .......................................... Port Tampa, Fla.
Chandler, Harry Wilkins .............................. Cambridge, N. J.
Chapman, Selden Garnett ............................... Charlottesville, Va.
Coles, Bernard Albert ........................................ New York, N. Y.
Dyett, Albert Ernest ........................................ Washington, D. C.
Dykes, Anita Marion ........................................ East Radford, Va.
Flipping, Keiffer Meadeo ................................ Tarboro, N. C.
Garrett, York David .......................................... Jamaica, B. W. I.
Godden, Charles Samuel .................................... Bowie, Md.
Goodloe, Don Burroughs ................................. Bowie, Md.
Goodloe, Wallis Anderson ................................ Bowie, Md.
Gorden, Eugene Ferdinand ............................ Savannah, Ga.
Hagler, William Earl .......................................... Palatka, Fla.
Harris, Hattie Mae ............................................ Athens, Ga.
Hayling, William Samuel ............................... St. George, B. W. I.
Holmes, John Henry ........................................ Winchester, Ky.
Johnson, Powell .................................................. Dallas, Texas
Jones, Joseph Robinson ....................................... Danville, Ky.
Land, Alphonso Napoleon ............................... Norfolk, Va.
Latimer, Benton Rupert .................................. Warrenton, Ga.
Lofton, William Garvin .................................. Jacksonville, Fla.
*Mask, James Thomas .......................... Wilmington, N. C.
Mickey, Bushrod James, Jr. .............. Washington, D. C.
Murray, James Edward .................. Charlottesville, Va.
Murray, Roscoe Conkling ............ Charlottesville, Va.
Robinson, Lucy Beverly ................. Manassas, Va.
Robinson, Mabel Virginia .............. Pawling, N. Y.
Roudeze, Julia Geddes ................. New Orleans, La.
Shackelford, Esther Alexander ........ Richmond, Ky.
Swan, Frank Lloyd ......................... Washington, D. C.
Taylor, Albert Smith ....................... New Haven, Conn.
Turner, Bismark Eugene ................. New Orleans, La.
Turner, Olando Boniface ............. Natural Bridge, Va.
Williams, Wyoming ....................... Atlantic City, N. J.
Winters, Oliver Wilson ....................... Hannibal, Mo.
Woods, David Lexington ................. Leesburg, N. C.

**MIDDLERS**

Adams, Claude .................................. New York City, N. Y.
Berry, Leon Austin ............................. Conawingo, Md.
Brown, Everett Charles ..................... Huntsville, Ala.
Brown, Willie Mae ............................... Mount Sterling, Ky.
Burke, William Tunnell ..................... Norfolk, Va.
Burris, Lyman Benton ....................... Paris, Mo.
Christian, Peter Charles ................. Dominica, B. W. I.
Clarke, Clarence Foster ................... Georgetown, British Guiana
Crawford, Waverly Lee ........................ Alliance, Va.
Davis, John Yauncille ........................ Knoxville, Tenn.
Donnelly, Arthur Lionel .................... New York City, N. Y.
Dyett, John Henry Russell ............... Trinidad, B. W. I.
Evans, Grace Lee ............................. Gloster, Va.
Ewing, Johnnie Nazarine ....................... Bennings, D. C.
Fisher, Ferdinand Edward .................. Baltimore, Md.
Frederick, Edward Thomas .................. Colon, Panama

* Deceased.
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tr>
<td>Gibson, Samuel Hersey</td>
<td>Montreal, Quebec</td>
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<td>Gilpin, Zenobia Gustava</td>
<td>Richmond, Va.</td>
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<td>Gordon, Otto Webster</td>
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<td>Harmon, John Wesley</td>
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<td>Hunter, William Ewart</td>
<td>Belize, British Honduras</td>
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<td>Iles, Robert Valerie</td>
<td>Gustavia, West Indies</td>
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<td>Johnson, James William</td>
<td>Washington, D. C.</td>
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<td>Jones, Royal Cecil</td>
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<td>Keenan, Frederick Warner</td>
<td>Gloucester, Va.</td>
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<td>Lancaster, Charles Otis</td>
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<td>Lane, Julia Francis</td>
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<td>Lee, Irene Bettie</td>
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<td>Lucas, Last Boy</td>
<td>Eufaula, Ala.</td>
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<td>McGhee, Richard Samuel</td>
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<td>McGriff, Augustus</td>
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<td>Madison, Lewis Keith</td>
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<td>Matthews, James Elliott</td>
<td>Jackson, Mis.</td>
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<td>Moody, Gilbert Horace</td>
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<td>Murphy, Kate Belle</td>
<td>Plymouth, Mass.</td>
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<td>Nanton, Hugh Isidore</td>
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<td>Neal, Pearl Anna</td>
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<td>Neal, Spurgeon Dewitt</td>
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<td>Peyton, Isaac Smith Terrell</td>
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<td>Pusey, Thomas Allen</td>
<td>Flatts, Bermuda</td>
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<td>Roane, Smithson</td>
<td>Mt. Hope Depot, Canal Zone</td>
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<td>Robb, Romulus Philip Narragansett</td>
<td>Thomasville, Ga.</td>
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<td>Russell, George Brown</td>
<td>Denver, Colo.</td>
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<td>Smith, Leo Carlton</td>
<td>Martinsville, Va.</td>
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<td>Smith, Olive Bird</td>
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SUB-MIDDLERS

Andrews, William Trent .....................................Sumter, S. C.
Bell, Fitz Herbert ...........................................Barbados, B. W. I.
Bennett, Arthur Edward .......................................Woodstock, Md.
Best, David Livingston .......................................New York City, N. Y.
Boyd, Charles Sumner .........................................Prescott, Ark.
Brown, Auguilar Augustus ....................................St. Elizabeth, Jamaica
Carmon, Henry Adam ...........................................Washington, D. C.
Carr, Julian Milton ...........................................Raleigh, N. C.
Challenor, Robert Lincoln ...................................Brooklyn, N. Y.
Clarke, Beatrice Mae ..........................................Wilmington, Del.
Clarke, Eugene Haywood .......................................Roanoke, Va.
Coker, Clara Effal .............................................Lansing, Mich.
Coles, Beecher Martin .........................................Charlottesville, Va.
Cooper, Lessie ..................................................Darlington, S. C.
Crichton, Francis Duval .......................................Lynchburg, Va.
Croell, Levia Edward ..........................................Lynchburg, Va.
Davis, Lorraine Howard .......................................New York City, N. Y.
Dickson, Harry Lewis ..........................................St. Charles, Mo.
Earle, John Duncan ...........................................New York City, N. Y.
Elcock, Alfred John ...........................................Trinidad, B. W. I.
Elder, Arthur Hamilton .......................................Georgetown, B. C.
Fairclough, George Ellis ....................................Colon, Panama
Fairclough, Lewis Hyman .....................................Colon, Panama
Florence, Earle ...............................................Braddock, Pa.
Foster, George Abraham .......................................Tuscaloosa, Ala.
Gaskins, Albert Lee ...........................................Washington, D. C.
Goodwin, Amy Louise ........................................Amherst, Mass.
Gordon, Nathan Rudolph ....................................Cristobel, Canal Zone
Green, Harry Maceo ...........................................Lawrenceville, Va.
Gregory, George Washington ................................Morristown, N. J.
Hardwick, Pezavia Eugene ...................................Savannah, Ga.
Harris, Benjamin Christopher ................................Booountain, N. C.
Hearn, William Garrett .......................................Charlottesville, Va.
Howard, Joseph Robinson ..................................Chattanooga, Tenn.
Jacobs, Edmond Roscoe ....................................Rich Square, N. C.
Jones, Dorotha Wenerva ......................................Lynchburg, Va.
Knox, John William ..........................................Atlanta, Ga.
Mallory, Sadie Delain .........................................Madison, Va.
Marshall, Alfred Edward ........................................Greenwood, S. C.
Martin, Branger ....................................................Reserve, La.
Mitchell, William ..................................................New Haven, Conn
Moss, Carlene Veronee ..............................................Spotsylvania, Va.
*Mounts, Arnold Eavlong .......................................Key West, Fla.
Mundy, Alice Katherine ..........................................Henderson, Ky.
Patrick, William Taft ...........................................Augusta, Ga.
Pagans, James Andrew .............................................Gaston, S. C.
Parker, Isham Lemuel ..............................................Tarboro, N. C.
Patton, Humphry Cornelius .....................................Mayesboro, N. C.
Postles, Ruth Mae ..................................................Wilmington, Del
Ryder, Walter Lewis ..............................................Pontiac, Mich.
Shellman, Grant .....................................................Denton, Ga.
Sheppard, Samuel Armstrong .....................................Norfolk, Va.
Smith, Hermione Virginia .........................................Lynchburg, Va.
Smith, Raymond Oliver ............................................Washington, D. C.
Thomas, Rachel Sinkler ...........................................York, Pa.
Thompson, Theodore Randell .....................................Princeton, N. J.
Trent, Irene Delilia ................................................Hinton, W. Va.
Turner, David Johnson .............................................Boley, Okla.
Vines, David Thomas ..............................................Birmingham, Ala.
Waters, Golder .......................................................Haverford, Pa.
West, Susie Maria ..................................................Norwood, Va.
White, John Henry ..................................................Hampton, Va.
Williams, Ferdinand DeLeon .....................................New York City, N. Y.
Wooten, Leigh Frederick ..........................................Tallahassee, Fla.
Wright, William Columbus .........................................Braddock, Pa.

JUNIORS

Alexander, Fritz Winfred .........................................Donalsonville, Ga.
Andrews, Fraunsa Fostilla ..........................................Durham, N. C.
Avery, George Oscar .................................................Nyack, N. Y.
Bain, William Mathias ................................................St. George, B. W. I.
Battle, Fred ..........................................................Birmingham, Ala.
Baylor, Joseph Richard ..............................................Phoebeus, Va.
Bell, Stephen Anderson .............................................Louisville, Ky.
Black, Robert Augusta .............................................Dallas, Texas

* Deceased.
Blackmon, Theodore Frederick ........................................ Goldsboro, N. C.
Brandon, William Burwell ................................................ Portsmouth, Va.
Brown, Augustus Nathaniel ........................................... Metuchen, N. J.
Brown, George Leon ....................................................... Camden, N. J.
Bunbury, Sidney Henry ........................................... British Guiana, S. A.
Campbell, Preston Belfield ........................................... New York City, N. Y.
Carpenter, Lottie Joseph ............................................ Newport, R. I.
Collymore, Errold Duncan ...................................... New York City, N. Y.
Cook, George William, Jr. ........................................... Washington, D. C.
Dabney, Barry Upton .................................................. Cleveland, Ohio
Findlay, Henry Milton ............................................... Saint Vincent, B. W. I.
Fitzgerald, John McFarland ...................................... Baltimore, Md.
Fletcher, Charles William Alexander ......................... Annapolis, Md.
Foy, Holland Viola ..................................................... Brooklyn, N. Y.
Francis, John Augusta ................................................ New Rochelle, N. Y.
Gale, William Foster ................................................... Princeton, N. J.
Gundy, Esther Viola .................................................... Haverhill, Mass.
Gwyn, Andrew Gallaway .......................................... Greensboro, N. C.
Hairston, George, Jr. ................................................... Williamson, W. Va.
Hardwick, Harry Coles ................................................ Savannah, Ga.
Hoskins, Richard Lemul ............................................. Gatesville, N. C.
Hopkins, Claude Driskett ............................................ Alexandria, Va.
Hopps, Abe Albert ..................................................... Live Oak, Fla.
Howard, Mabel Lee .................................................... Asbury Park, N. J.
Hunter, William Monticello ....................................... Anawalk, W. Va.
Hutchins, Emory Speer ................................................ Washington, D. C.
Johnson, Josephine Frazier ......................................... Washington, D. C.
Jones, Mayme Belfield .............................................. Port Lavaca, Texas
King, Richard Allan .................................................. New Orleans, La.
King, William Armstead ........................................... Newark, N. J.
Lee, Lewis Wesley ................................................... Oklahoma City, Okla.
Lewis, Edna Earl ..................................................... Jersey City, N. J.
Lewis, Roy Bismark ................................................... Coweta, Okla.
McPherson, Emeline Isabell ....................................... Yallahs, Jamaica
Miller, Dorothy Mauzzie ............................................. Chicago, Ill.
Miranda, José Doloves ............................................... Bayamon, Porto Rico
Moss, David Wellington ........................................... Spotsylvania, Va.
Myers, Abraham Lincoln ............................................ Syracuse, N. Y.
Nightengale, Maxwell Ralph ................................................... Blenheim, Va.
Palms, Thomas Phillip .................................................. Lincoln, Neb.
Peters, James Sylvester .................................................. Allen, Md.
Peters, Eugene St. Clair .................................................. Haverhill, Mass.
Pendleton, John Thomas .................................................. Louisville, Ky.
Philyan, Norman Augustus ........................................... Attapulgus, Ga.
Poles, Charles Lovell .......................................................... Caledonia, N. Y.
Presley, James Henry .................................................. Clifton Forge, Va.
Reed, Florence Roberta ................................................... Monrovia, Liberia
Sarcita, José E. Oviedo ................................................... Habana, Cuba
Simmons, Morgan Samuel .............................................. Surry, Va.
Simmons, Sarah Elizabeth .............................................. Port Chester, N. Y.
Strange, James Eston .................................................... Richmond, Va.
Sugrañes, Ralph Gumersindo .......................................... Mannabo, P. R.
Turner, Theodosia .......................................................... Warrenton, Va.
Williams, John Edon ................................................... Palmyra, N. C.
Williams, James Chancellor ............................................ Bennettsville, S. C.
Wilson, Empress Elizabeth ............................................ Morgantown, N. C.
Woodford, Alice Adele ................................................... Berwyn, Md.
Woodford, Ida Lucille ................................................... Berwyn, Md.
Wyatt, Robert Frederick .............................................. Haverhill, Mass.

UNCLASSIFIED

Anderson, Thomas Clifton .......................................................... Norfolk, Va.
Bailey, Flaires Josephus .......................................................... Jamaica, B. W. I.
Barbor, Bessie .............................................................. Indianapolis, Ind.
Best, Clairmonte ............................................................. Norfolk, Va.
Bright, James Becton .......................................................... Norfolk, Va.
Brooks, Caledonia Marguerite Loretta ........................................ Washington, D. C.
Brown, James Newton .......................................................... Detroit, Mich.
Carr, Mabel Madeline ...................................................... Raleigh, N. C.
Cooper, Jennie Theresa ..................................................... Richland, S. C.
Crooke, Theresa Viola .......................................................... Brooklyn, N. Y.
Everett, Gladys Theola ...................................................... Lynchburg, Va.
Gray, Walter ................................................................. Dallas, Texas
Henry, Daniel Adolphus .................................................... Kingston, B. W. I.
Howell, Charles Hampton .................................................... Brooklyn, N. Y.
Ingram, Clarence Beatrice .............................................. Coffeeville, Kan.
Johnson, Blanche Beatrice ............................................ Washington, D. C.
Johnson, David .............................................................. Anne Arundel County, Md.
Johnson, Robert Edmond ............................................. Baltimore, Md.
Mercurius, Randolph Percey ........................................... Juan Vina, C. America
Nesbitt, Marion ............................................................ Washington, D. C.
Pinkard, John Henry ..................................................... Anniston, Ala.
Soders, Naomi Cornelia ................................................ Marlin, Texas
Tape, Marzette Inez ...................................................... Buford, Ga.
Tappe, Ruth Eliza .......................................................... Lynchburg, Va.
Truemen, Ella ............................................................... Hanover, N. H.
Tulane, Victor Julius .................................................... Montgomery, Ala.
Warde, Eston Erasmus .................................................. Lynchburg, Va.
Weatherless, Ellis Brown .............................................. Washington, D. C.
White, Lucy Annetta ..................................................... Clarkton, N. C.
Williams, Jay Mayo ...................................................... Monmouth, Ill.
Williams, Theron .......................................................... Salem, Va.
Williams, Wesley Cecil ................................................. Los Angeles, Cal.
Wright, Withenburn Brooks ............................................ Millsboro, Del.

SUMMARY

Seniors .............................................................. 49
Middlers .............................................................. 52
Sub-Middlers ....................................................... 67
Juniors ............................................................... 72
Unclassified ......................................................... 36

COMMERCIAL COLLEGE

FOURTH YEAR

Blackmon, Claude Wesley .............................................. Goldsboro, N. C.
Boulding, Ruffin Paige .............................................. Norfolk, Va.
Brooks, Clara Winfrey ............................................... Warren, Va.
Brown, Myrtle Hughes ................................................ Washington, D. C.
Brown, Oscar Ceciro ................................................... Edwards, Miss.
Crosby, Sarah .......................................................... Washington, D. C.
Dean, William Andrew ............................................................. Denver, Colo.
McGhee, Norman Leroy ............................................................. Atlanta, Ga.
Portlock, Louis Henry ............................................................ Norfolk, Va.
Procter, Julius Erwin .............................................................. Chicago, Ill.
Rhodes, William .................................................................... Sandusky, Ohio
Richmond, John Warfield ..................................................... Princeton, N. J.
Roane, Malvin Johnston ........................................................... Washington, D. C.
Smith, Walter Davis ............................................................... Brooklyn, N. Y.
Sterrette, Adolph Woodward .................................................. New York City
Stratton, James Ellsworth ..................................................... Doylestown, Pa.
Taylor, Eugene Amos ........................................................... Troy, N. Y.
Thomas, Mary Elmare ......................................................... Washington, D. C.
Walton, DeWitt Talmage ........................................................ Boston, Ga.
Williams, Rosalea ............................................................... Brooklyn, N. Y.

THIRD YEAR

Bacote, Harriett Florence ....................................................... Ansonia, Conn.
Bolling, Henry Andrew ............................................................ Meriden, Conn.
Brooks, Estella Beatrice ......................................................... New York City
Brown, Alma Inez .................................................................. Charleston, S. C.
Clark, Mary Elizabeth ............................................................. Duquesne, Pa.
Clark, Walter Louis .................................................................. Cleveland, Ohio
Clay, Lee Thaniel ..................................................................... East St. Louis, Ill.
Colden, Theoplious Waldo ...................................................... Suffolk, Va.
Copeland, William Denson ..................................................... Winchester, Ind.
Drewitt, Zenova DeMaund ....................................................... Richmond, Va.
Duval, Paul Willis .................................................................. Macon, Ga.
Forrest, Thomas Howard ........................................................ Charleston, S. C.
Foster, Obadiah Madison ....................................................... Tuscaloosa, Ala.
Glenn, Zillah Mae .................................................................. Duluth, Minn.
Jackson, Earnest Dewese ...................................................... Pensacola, Fla.
Lowe, Roy Leo ....................................................................... Lexington, N. C.
Mayfield, Lillian Florence ...................................................... Franklinton, N. C.
Morgan, Embro Willis ........................................................... New Rochelle, N. Y.
Opey, William Garfield ........................................................ Washington, D. C.
Parks, Cyril Alexander ........................................................... St. Augustine, Fla.
Portlock, Daniel Webster ....................................................... Norfolk, Va.
Taylor, Ethel La Goove ........................................................ Richmond, Va.
Tucker, Meldrim ...................................................................... Savannah, Ga.
COMMERCIAL COLLEGE

Unthank, Harmon ...........................................Salisbury, N. C.
Watson, Augustus Dart ....................................Charleston, S. C.
Williams, Jay Mayo ........................................Chicago, Ill.
Wilson, Charles Otis ......................................Richmond, Va.

SECOND YEAR

Bell, William Kenan ........................................Newport, N. C.
Brown, Edward Weeks .....................................Churchville, Md.
Butler, Corina ..............................................Syracuse, N. Y.
Cameron, John D. ...........................................Brunswick, Ga.
Carmon, Henry Adams .....................................New York City
Cooke, Earnest L. ..........................................Bena, Va.
May, Lezandro Fernando .................................Sanandris Rep., Columbia, S. A.
Nichols, Charles ...........................................Winston, N. C.
Page, Ulysses Simpson ..................................Durham, N. C.
Prout, William Oliver ....................................Bowie, Md.
Ruffin, Hardy Blane .......................................Mason, Tenn.
Younger, Cora ..............................................Pittsburgh, Pa.

FIRST YEAR

Branch, Jannett .............................................Suffolk, Va.
Crews, Katherine Orlanda ..............................Pittsburgh, Pa.
Downs, James Edward Louis ...........................Goshen, N. Y.
Henry, Relton James ....................................New Rochelle, N. Y.
Johnson, Gertrude .........................................Homestead, Pa.
Kyser, Alfred ...............................................Richmond, Ala.
McKenzie, Alan Blenzy ..................................New York City
McLeod Wallace Beverly .................................Boley, Okla.
Neblett, Martha Coralee ................................New York City
Smith, Wilson T. ..........................................Orange, N. J.
Thomas, Jola Valaria .....................................Alert, N. C.

SPECIAL STUDENTS

Adams, George Cornelius ................................Muskogee, Okla.
Ashton, John R. ............................................Washington, D. C.
Baer, Jennie Emily ........................................Wrightsville, Pa.
Baxter, Mariam Angelina ...............................Georgetown, S. C.
Bright, James Becton .....................................Goldsboro, N. C.
Brinkley, Edith Naomi ........................................ Washington, D. C.
Champion, Alexander F. C. ................................ Jacksonville, Fla.
De Freese, Sara Mildred ..................................... Hillburn, N. Y.
Ellis, Linton C. ................................................ Amsterdam, N. Y.
Frederick, Edward Thomas .................................. Colon, Panama
George, Clayborne ........................................... Surry, Va.
Hall, George Edgar ........................................... Greensville, Ky.
Harris, Hattie Mae ........................................... Athens, Ga.
Holt, Annie Thorp ............................................ Haw River, N. C.
Jackson, George Thomas ..................................... Philadelphia, Pa.
Kirksey, Thomas ............................................... Selma, Ala.
Malone, Frederick DeWitt ................................... Washington, D. C.
Miller, Eskiel Harry ......................................... Christiana, Pa.
Nixon, Elbert .................................................. Oak Grove, Va.
Proctor, Ruth Estella ......................................... Washington, D. C.
Profitt, Moses Julius ......................................... Helena, Ark.
Scott, Virginia Marie ......................................... Washington, D. C.

Fourth Year ..................................................... 21
Third Year ....................................................... 28
Second Year ..................................................... 12
First Year ........................................................ 10
Special Students ............................................... 22

93
### Representation by States and Foreign Countries

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| Totals         | 367  | 191 | 42 | 117 | 69 | 311 | 110 | 276 | 93 | 134 | 1,441 |
GENERAL SUMMARY

College of Arts and Sciences ......................................................... 367
Teachers College ................................................................................ 191
School of Manual Arts and Applied Sciences .............................. 42
Conservatory of Music ................................................................. 117
School of Theology ..................................................................... 69
School of Medicine ....................................................................... 311
School of Law .............................................................................. 110
Academy ......................................................................................... 276
Commercial College ................................................................. 93

Total ....................................................................................... 1575

Names duplicated because of students taking special courses in different departments ..................................................... 134

Correct Total ................................................................................ 1441

Correspondence students (not counted above) ............................ 66

Final Total ................................................................................... 1507

FORM OF BEQUEST

I give and devise to the trustees of Howard University, Washington, D. C., the sum of ......................... dollars, payable .........................

(Signed) .............................................

Date .........................
The Association stands for the interest of the University and its Alumni. All graduates of Howard University are eligible to membership. The entrance fee is $1.00 paid once only. The annual dues are 25 cents payable to the Financial Secretary at or before the Reunion each year. The Annual Reunion followed by the Alumni Dinner occurs on Commencement Day. These meetings in recent years have been largely attended and have been productive of good fellowship and practical results both to the University and to the Alumni.

All Alumni, whether members of the Association or not, whose addresses have been changed within the past six years are requested to send at once correct addresses to the Financial Secretary, in order that the Alumni lists may be brought up to date and made as complete as possible. Alumni are also requested to keep the Secretary informed of change of address, decease of members, etc.
LOCAL ALUMNI ASSOCIATIONS

New York and New Jersey—......................, President
Philadelphia—Hon. George H. White, President
Baltimore—Dr. T. S. Hawkins, President
Pittsburgh—Rev. Scott Wood, President
St. Louis—......................, President
Chicago—Dr. J. W. McDowell, President
Denver—Geo. G. Ross, President
Lynchburg—*Mrs. Lelia Perkins-Mozee, President
Muskogee—O. Benjamin Jefferson, President
Wheeling—E. J. Graham, Jr., President
Huntington—C. H. Tavernier, President
Cincinnati, Ohio—Dr. W. T. Nelson, President
Kansas City, Kan.  } L. Amasa Knox, President
Kansas City, Mo.  

THE WEST INDIAN ASSOCIATION

In view of the large number of students from the West Indies in the several departments of the University, an association has been formed with the following objects: First, to promote association and mutual interest among its members; Second, to render assistance to members in cases of necessity; Third, to plan for lectures, debates, etc., for the culture and entertainment of the members. The officers are as follows: President, Rev. D. E. Wiseman, D. D.; Vice-President, Rev. J. C. Van Loo, B. D.; Secretary, George M. Overton; Treasurer, Rev. A. W. C. Collier. The patrons include the President and Deans of the University.

TRAINING SCHOOL FOR NURSES

There is a Training School for nurses in connection with Freedmen's Hospital, over which the University has no jurisdiction. For information and application blanks, address Surgeon-in-Chief, Freedmen's Hospital, Washington, D. C.

* Deceased.
PRELIMINARY BLANK

To be filled out by one desiring to enter any department of Howard University.

Before filling out this blank, the applicant will please read carefully "Requirements for Admission" to the several departments.

1. Date of application................................................................. 191...

2. Name ............................................................................................................

3. Age ...........................................

4. Post Office address...............................................................

5. What school did you last attend? ........................................

6. Did you graduate? ...........................................

7. If not, what class did you finish?..........................

8. In what year did your work there close?.........................

9. Put a cross after the department you wish to enter in Howard University.
HOWARD UNIVERSITY

ACADEMIC DEPARTMENTS

1. College of Arts and Sciences
2. Teachers College
3. Academy
4. Commercial College
5. School of Manual Arts and Applied Sciences

PROFESSIONAL DEPARTMENTS

1. Conservatory of Music
2. Library School
3. School of Theology
4. Medical College
5. Dental College
6. Pharmaceutical College
7. School of Law

After filling out the blank, the applicant should send it to

THE REGISTRAR, HOWARD UNIVERSITY,
WASHINGTON, D. C.
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