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HOWARD UNIVERSITY

FOUNDED 1867

CATALOGUE



1917-1918

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Howard University

1917-1918



HOWARD UNIVERSITY RECORD
WASHINGTON, D. C.

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1918

Calendar grid for 1918 showing months from January to December with days of the week and dates.

1919

Calendar grid for 1919 showing months from January to December with days of the week and dates.

*1918
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CALENDAR

1918

- May 30, 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 2, Sunday, 4 p. m... Baccalaureate Sermon
- June 3, 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 4, Tuesday, 10 a. m... Annual Meeting, Board of Trustees
8 p. m... Annual Recital, Conservatory of Music
- June 5, Wednesday, 10 a. m... Annual Meeting, Alumni Association
1 p. m... Alumni Luncheon, Main Hall
4 p. m... COMMENCEMENT
- June 6 to September 18..... Summer Vacation
- September 16-17..... Registration Days.
- September 18..... First Semester opens in School of Liberal Arts, School of Manual Arts and Applied Sciences, Conservatory of Music, Commercial College, and Academy
- October 1 First Semester opens in Schools of Theology, Medicine and Law
- November 28 to Dec. 1, inc... Thanksgiving Recess for Academic Departments
- December 24 to Jan. 2, inc... Christmas Recess

1919

- January 27 to February 1..... Semi-annual Examinations
- February 1..... First Semester ends
- February 3..... Second Semester begins
- February 7..... Semi-annual Meeting of the Board of Trustees
- February 22 Washington's Birthday
- March 2 Charter Day
- April 18 to April 21, inc..... Easter Recess
- May 26 to 31 Final Examinations
- May 30..... Decoration Day
- June 4 COMMENCEMENT

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Secretary, Y. M. C. A.,

JOSEPH GRANDVILLE LOGAN, PH. B., Spaulding Hall.

Housekeeper,

MRS. ELIZABETH PAGE MESSER, Miner Hall.

Secretary of Committee on Approved Rooms,

GEORGE MORTON LIGHTFOOT, Clark Hall.

Superintendent of Buildings and Grounds,

JOHN FRANCIS AKERS, Office, Clark Hall.

Superintendent of Janitors,

BROWN EDMONDSON MCDOWELL.

Assistant to Superintendent of Janitors,

GEORGE WINSMORE.

Gardener,

HENRY M. MENZE.

Carpenter,

REMUS HILL.

President of Athletic Association,

ELMER JEROME WHITING.

Director of Glee Club,

ROY WILFRED TIBBS.

Director of Physical Training,

HARRY LEROY CARROLL, Spaulding Hall.

Director of Physical Training for Young Women,

GLADYS OLIVIA WASHINGTON, Spaulding Hall.

UNIVERSITY COUNCIL

THE PRESIDENT OF THE UNIVERSITY

From the COLLEGE OF ARTS AND SCIENCES:

PROFESSOR KELLY MILLER, Dean

PROFESSOR WILLIAM VICTOR TUNNELL

From the TEACHERS COLLEGE:

PROFESSOR LEWIS BAXTER MOORE, Dean

ASSOCIATE PROFESSOR ALONZO HERTZEL BROWN

From the SCHOOL OF THEOLOGY:

PROFESSOR DAVIE BUTLER PRATT, Dean

PROFESSOR FRANK PORTER WOODBURY

From the SCHOOL OF MEDICINE:

PROFESSOR EDWARD ARTHUR BALLOCH, Dean

PROFESSOR WILLIAM CLARENCE McNEILL

From the SCHOOL OF LAW:

PROFESSOR BENJAMIN FARNSWORTH LEIGHTON, Dean.

PROFESSOR MASON NOBLE RICHARDSON

From the ACADEMY:

PROFESSOR CHARLES SUMNER SYPHAX, Dean.

PROFESSOR EDWARD PORTER DAVIS.

From the COMMERCIAL COLLEGE:

PROFESSOR GEORGE WILLIAM COOK, Dean

GEORGE WASHINGTON HINES, Instructor

STANDING COMMITTEES

ENTRANCE

PRESIDENT NEWMAN, Chairman	ASSOCIATE PROFESSOR BROWN
DEAN MILLER	DIRECTOR HATFIELD
DEAN MOORE	DEAN PRATT
	DEAN SYPHAX

LIBRARY

PRESIDENT NEWMAN	DEAN MOORE	PROFESSOR JUST
DEAN MILLER	DIRECTOR HATFIELD	MISS MACLEAR
	PROFESSOR WILLIAMS	

STUDENT PUBLICATIONS

PROFESSOR HOUSTON	PROFESSOR COOK
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CATALOGUE

PRESIDENT NEWMAN, Chairman	DEAN COOK
DEAN MILLER	DEAN SYPHAX
DEAN MOORE	DEAN PRATT

ATHLETIC COUNCIL

Faculty

PRESIDENT NEWMAN
PROFESSOR TURNER, Vice-President
ASSOCIATE PROFESSOR DAVIS
ASSISTANT PROFESSOR ADAMS
INSTRUCTOR POLLARD

Alumni

MISS LUCY D. SLOWE
MR. J. E. COLLINS
DR. W. L. SMITH
MR. J. M. CARTER

Students' Athletic Association

ELMER J. WHITING
FRANK A. SAUNDERS
SYDNEY P. BROWN
CHRALES V. HENDLEY

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, a building of classic design, fronting on the campus, is over 100 feet long and 35 feet deep, exclusive of the wing containing the stack room. It has a capacity of from sixty to seventy thousand volumes, two-thirds of which will be housed eventually in the stack, which is in four tiers and is made entirely of steel and glass. On the first floor two reading rooms open off the circulation room. On the second floor are the special reading room of the School of Theology, the offices of the President of the University, the Board Room, and two rooms used as seminars. In the basement there is an assembly hall of convenient size for student meetings.

The Library is intended for general reference and study in all departments, and aims also to supply the students with good general reading. It is open from 8:00 A. M. to 8:30 P. M. on week days while the university is in session. It comprises over thirty thousand bound volumes and more than twenty thousand pamphlets. In the valuable

library given by Dr. J. E. Moorland and the Lewis Tappan anti-slavery library, there is the beginning of a special collection of books by and about Negroes. It is the purpose of the University to add to this collection, and gifts to it are solicited. The library is being increased constantly by purchase and gift, and more than five thousand dollars are expended annually for books and administration. The reading rooms are provided with about 150 newspapers and periodicals.

The School of Law has a branch library in the Law Building on Fifth Street, which contains about 3,500 volumes of legal reports, treatises, and text-books. For the convenience of the students of the School of Medicine a branch has been established in the Medical Building.

Through the generosity of the Librarian of Congress and of the Public Library of the District of Columbia, the resources of those libraries are placed at our disposal in the most convenient way, and deliveries are made at our building on request. This addition, as it were, to our equipment of the treasures of one of the best-selected public libraries in the country and of the greatest reference library in the two Americas is an advantage to students and teachers alike, which can hardly be estimated at its full value.

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 Maynard Literary Society of the School of Theology discusses topics in the field of religion, sociology and practical life. It holds an annual debate for the Maynard Prize.

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.

The Commercial College Literary Society is conducted by the students of the Commercial College, and besides offering an opportunity for the literary expression of the students in its meetings and through the *Commercial College Outlook*, the official organ of the Commercial College, it is an outlet for the practice of the principles of executive management.

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 department 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

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.

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 two to four 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 \$12 per month, payable monthly in advance. This amounts for the school year to about \$102.00. Board is furnished at cost. With the prices of food supplies to January 31, 1918, substantial and wholesome table board will be furnished at \$12 per month. If at any time during the year the food prices are changed materially, the charge for board will be modified accordingly.

All bills for the entire year are due and payable in advance, except where otherwise stated. Make all remittances payable to Howard University.

IN THE SCHOOL OF LIBERAL ARTS (THE COLLEGE OF ARTS AND SCIENCES AND THE TEACHERS COLLEGE), THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES, THE LIBRARY TRAINING CLASS, THE ACADEMY AND THE COMMERCIAL COLLEGE.

Matriculation (paid only first year)	\$ 5.00
Incidental fee	40.00
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, Engineering, each	2.00
Laboratory fee—Geology	1.00
Laboratory fee—Nature Study .....	.50
Laboratory fee—Academy Physics (\$1.00 Deposit)	1.00
Laboratory fee—Academy Chemistry (\$3.00 Deposit)	3.00
Typewriting paper fee .....	.50
Room rent, including steam heat and light.....	30.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00
Linen, and laundry of same, for beds in young men's dormitory..	5.00

HOWARD UNIVERSITY

IN THE SCHOOL OF THEOLOGY

Matriculation (paid only first year)	\$ 5.00
Room rent, including steam heat and light	21.00
Library fee	2.00
Athletic fee	3.00
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:—\$6.60 for each course.

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 for the year.....	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	2.00
Athletic fee	3.00

Tuition and Laboratory fees are payable half on registration and half on first of following January.

IN THE SCHOOL OF LAW

Matriculation (paid only first year)	\$ 5.00
Tuition fee for the year, payable semi-annually in advance.....	50.00
Library fee	2.00
Athletic fee	3.00

IN THE CONSERVATORY OF MUSIC

Matriculation (paid only first year)	\$ 5.00
General library fee for the year	2.00
Athletic fee for the year	3.00
Physical training fee for the year	2.00
Music library fee for the year	1.00
Voice—two lessons per week of 30 minutes each.....	\$48.00 per year
Piano—two lessons per week of 20 minutes each.....	48.00 per year
Violin—two lessons per week of 30 minutes each.....	48.00 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 two hours a day.....	20.00 per year

The charges for lessons and use of piano are payable by the semester in advance. All students are required to take two lessons per week, except by express permission of the Director. No student is allowed to drop music within a semester. No deduction will be made for lessons that are missed on account of holidays or for any cause, except when lessons are missed consecutively for a month or more on account of sickness, and then only on a physician's certificate. Notice of such sickness should be sent to the Director of the Conservatory as soon as it occurs.

The deposit for breakage in the laboratories 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 above the breakage is returned to him.

GRADUATION AND DIPLOMAS

Diploma for Bachelor's Degree and that of Doctor of Medicine, Pharmacy, Dentistry	\$ 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 fee	\$ 40.00 to \$ 40.00
Room rent, heat and light	30.00 to 35.00
Board \$12.00 per month, about 8½ months.....	102.00 to 102.00
Laboratory fees and deposits as above in Chemistry, Physics, Biology, and Geology, when the student takes these studies	1.00 to 21.00
Matriculation fee (first year only)	5.00
Laundry	10.00 to 20.00
Books	6.00 to 15.00
Total	\$189.00 to \$238.00

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 \$95.00 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 personal 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 bookcase, and in the men's dormitory with sheets and pillow-cases. All other furnishings such as towels, blankets and pillows, and in the young women's dormitory sheets 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.

Applications for rooms in either dormitory are receivable on and after May 1st for the next scholastic year. Such applications should be made as soon after above date as practicable as reservations will be made in order in which the applications are received, but no reservation will be made until there is an advance payment amounting to \$15.00, which is applied on the room rent.

This will not be refunded except in case of non-attendance on account of personal illness and then only when notice is given by the opening of the scholastic year or when the room space can be rented to some one else in case notice is given later.

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 woman who boards in the city and goes back and forth without proper chaperon for classes.

A room deposit of one dollar to insure proper care of furniture and for safe return of key, 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 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 OWNER THEREOF. THE UNIVERSITY DOES NOT HOLD ITSELF LIABLE FOR ANY PERSONAL PROPERTY BELONGING TO STUDENTS.

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 the clerk, 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.

The College of Arts and Sciences offers the purely academic degrees: "Bachelor of Arts" and "Bachelor of Science;" the Teachers College offers the degrees: "Bachelor of Arts in Education" and "Bachelor of Science in Education."

No student will be allowed to enter a course later than the third Monday after the beginning of the first semester, nor later than the second Wednesday after the beginning of the second semester.

Each student is required to select a member of the Faculty who will serve as his adviser.

All Freshmen and Sophomores are required to take Physical Training two hours a week.

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 specified below 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.	GROUP II.	GROUP III.
<i>English</i> .....3	<i>English</i> .....3	<i>English</i> .....3
<i>Mathematics</i> ....2	<i>Mathematics</i> ....2	<i>Mathematics</i> ....2
<i>Latin</i> .....4	<i>Latin</i>.....4 or 2	<i>Mod. Language</i> ..2
<i>Greek</i> .....2	<i>Mod. Language.</i> 2	<i>History</i> .....2
<i>History</i> .....1	<i>History</i> .....2	<i>Science</i> .....2
<i>Electives</i> .....3	<i>Electives</i> ...2 or 4	<i>Electives</i> .....4
Total .....15	Total .....15	Total .....15

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 manual training high schools, on the basis of one-half unit for each laboratory subject.

ENGLISH GRAMMAR AND COMPOSITION

FOR 1915, 1916, 1917, 1918, 1919

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 *Æneid*. The *Odyssey*, *Iliad*, and *Æneid* 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 II. *Shakespeare*.—*A Midsummer Night's Dream*, *The Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Caesar*,* *Macbeth*,* *Hamlet*.*

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, 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—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—", Instans Tyrannus*; Arnold, *Sohrab and Rostum* and *The Forsaken Merchant*; 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 II. *Poetry.*—Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in *Book IV* of Palgrave's *Golden Treasury* (First Series).

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 Cæsar, 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 *Æneid*, 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. M.,
Professor of English.

ERNEST EVERETT JUST, Ph. D.,
Professor of Zoology.

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

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.,
Instructor in Logic and Ethics.
- *MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.
- NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor of Chemistry.
- CARL JAMES MURPHY, A. M.,
Assistant Professor of German.
- ELIZABETH APPO COOK,
Instructor in French and Spanish.
- ERNEST JONES MARSHALL, A. B.,
Instructor in Chemistry.
- ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.
- CHRISTOPHER COLUMBUS COOKE, A. B.,
Instructor in Botany.
- CHARLES HARRIS WESLEY, A. M.,
Instructor in French.
- *JAMES HENRY NELSON WARING, JR., A. B.
Instructor in German.
- *FRANK COLEMAN, S. B.,
Instructor in Physics.
- CLARENCE OSCEOLA LEWIS, A. B.,
Assistant in Mathematics.
- MARY CHURCH TERRELL, A. M.,
Acting Instructor in French.
- LORENZO DOW TURNER, A. M.,
Acting Instructor in English.
- †JAMES FRANCIS GREGORY, A. B., B. D.,
Acting Instructor in English.
- JAMES CONSTANTINE WEBSTER, B. S. in E. E.,
Acting Instructor in Physics.

* On leave of absence during the war.

† Resigned for Y. M. C. A. War Work.

JOHN WESLEY JACKSON, A. M., B. D.,

Acting Instructor in German.

EDWARD CHRISPTOHER WILLIAMS, B. L.,

Acting Instructor in German.

LEONARD ZACHARIAH JOHNSON, A. M., D. D.,

Acting Instructor in English.

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.

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

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ARTS AND SCIENCES

See "Requirements for Admission," page 36.

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. (See page 54.)

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

The Medical College of Howard University requires of all matriculates two years of College work in Physics, Chemistry, Biology and 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.

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 anti-

pating 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

English	3	} Required	9 hours
Mathematics	3		
Latin or Greek	3		
French	3	} Optional	3 hours
German	3		
Spanish	3		
Botany	3	} Optional	3 hours
Physics	3		
Chemistry	3		
History	3		
Latin or Greek	3		
			—
			15 hours

SCIENCE GROUP

English	3	} Required	9 hours
Mathematics	3		
French, German or Latin	3		
Botany	3	} Optional	6 hours
Physics	3		
Chemistry	3		
Mathematics	3		
			—
			15 hours

SOCIAL SCIENCE GROUP

English	3	} Required	9 hours
History	3		
Mathematics	3		
One Language and one Science.....	6	} Optional	6 hours
Or two Languages (one Ancient and one Modern)	6		
			—
			15 hours

Note—Students taking A Courses (See "A" Courses, page 54) in Language as well as those taking Greek I, German I, Spanish I and French I must continue such language in the succeeding year.

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SOPHOMORE YEAR

LANGUAGE GROUP

Latin	3	} Optional	3 hours
Greek	3		

English Composition	3	} Optional	9 hours
French	3		
German	3		
Spanish	3		
Latin or Greek	3		
English Literature	3		
History	3		

Zoology	3	} Optional	3 hours	
Botany	3			
Physics	3			
Chemistry	3			
Mathematics	3			15 hours
History	3			

SCIENCE GROUP

Botany	3	} Optional	6 hours
Zoology	3		
Physics	3		
Chemistry	3		

Mathematics	3	} Optional	6 hours
French	3		
German	3		

History	3	} Optional	3 hours	
Mathematics	3			
English II	3			15 hours
English Literature	3			

SOCIAL SCIENCE GROUP

English Literature	3	} Optional	6 hours
History	3		
English Composition	3		
One Language and one Science.....	6	} Optional	6 hours
Or two Languages one Ancient and one Modern)	6		
Economics	3	} Optional	3 hours
Logic-Ethics	3		
History	3			—	15 hours

JUNIOR YEAR

LANGUAGE GROUP

Psychology	3	} Optional	3 hours
Economics	3		
Astronomy	3		
Geology	3		
French	3	} Optional	3 hours
German	3		
Latin	3		
Greek	3		
English Literature	3	} Optional	3 hours
Economics	3		
History	3		

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		
Greek Life	3		
Problems of the Negro	3		

Elective6 hours
 —
 15 hours

SCIENCE GROUP

Psychology	3	}	Optional .....3 hours
Economics	3		
Astronomy	3		
Geology	3		

Chemistry	3	}	Optional .....6 hours
Botany	3		
Zoology	3		
Physics	3		
Mathematics	3		

* Half year course.

Astronomy	3	}	Elective	6	hours		
Argumentation	3			—			
English Literature	3						
French	3						
German	3						
Economics, History, Hist. Educa.	3						
Commercial Law*—International Law*...	3						
Logic*—Ethics*	3					15	hours
Psychology, Geology, Physics	3						
Chemistry, Botany, Zoology	3						
Public Speaking	3						
Mathematics	3						

SOCIAL SCIENCE GROUP

Literature	3	}	Optional	6	hours	
History	3					
Psychology	3					

ELECTIVES

Sociology	3	}	Optional	9	hours	
International and Commercial Law.....	3					
English Composition	3					
Type Forms of Literature	3					
English Literature	3					
Biblical Literature	3					
Argumentation	3					
Public Speaking	3					
History of Philosophy	3					
Educational Psychology	3					
History of Education	3					
Principles of Education	3					
History	3					
Economics	3					
Logic-Ethics	3					
Greek Life	3					
A Science—A Language, each	3					
Problems of the Negro	3					

* Half year course.

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SENIOR YEAR

LANGUAGE GROUP

Philosophy	3	} Optional	3 hours
Political Science	3		
Sociology	3		
Electives same as Junior Electives	12		hours
			—
			15 hours

SCIENCE GROUP

Botany	3	} Optional ...	3 or 6 hours
Zoology	3		
Physics	3		
Chemistry	3		
Psychology		} Electives ..	12 or 9 hours
Philosophy			
Political Science			
Sociology			
Junior Electives			
			—
			15 hours

SOCIAL SCIENCE GROUP

Philosophy	3	} Optional ...	3 or 6 hours
Literature	3		
Political Science	3		
Electives same as Junior Electives	9		hours
			—
			15 hours

COURSES OF STUDY

"A" Courses in French, German, Chemistry, Physics, Botany, Zoology and Trigonometry are intended for students who do not offer these subjects for admission; four times a week.

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

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.

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 ASTRONOMY.
- II. DEPARTMENT OF BOTANY.
- III. DEPARTMENT OF CHEMISTRY.
- IV. DEPARTMENT OF COMMERCIAL LAW.
- V. DEPARTMENT OF ECONOMICS.
- VI. DEPARTMENT OF ENGLISH.
- VII. DEPARTMENT OF ETHICS.
- VIII. DEPARTMENT OF FRENCH.
- IX. DEPARTMENT OF GEOLOGY.
- X. DEPARTMENT OF GERMAN.
- XI. DEPARTMENT OF GREEK.
- XII. DEPARTMENT OF HISTORY.
- XIII. DEPARTMENT OF INTERNATIONAL LAW.
- XIV. DEPARTMENT OF LATIN.
- XV. DEPARTMENT OF LOGIC.
- XVI. DEPARTMENT OF MATHEMATICS.
- XVII. DEPARTMENT OF PHILOSOPHY.
- XVIII. DEPARTMENT OF PHYSICS.
- XIX. DEPARTMENT OF POLITICAL SCIENCE.
- XX. DEPARTMENT OF PSYCHOLOGY.
- XXI. DEPARTMENT OF SOCIOLOGY.
- XXII. DEPARTMENT OF SPANISH.
- XXIII. DEPARTMENT OF ZOOLOGY.

DEPARTMENTS OF INSTRUCTION

DESCRIPTION OF COURSES

ASTRONOMY

PROFESSOR MILLER

Astronomy—Descriptive and Mathematical—Based on Newcomb's *Astronomy* and Young's *General Astronomy*.

BOTANY

PROFESSOR SCHUH AND MR. COOKE

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 AND MR. COOKE

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.)

Text: Coulter, Barnes and Cowles's, "*Text-book Botany, Vol. I.*"

PROFESSOR SCHUH.

CHEMISTRY

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.

PROFESSOR SCURLOCK AND MR. MARSHALL.

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

MR. MARSHALL.

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 AND ASSISTANT PROFESSOR ADAMS.

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 ASSISTANT PROFESSOR ADAMS.

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.

PROFESSOR SCURLOCK AND 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.

COMMERCIAL LAW

PROFESSOR COOK.

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.

ECONOMICS

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, æsthetic, 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."*

* Half year course.

ENGLISH

PROFESSOR HOUSTON, ASSISTANT PROFESSOR GREGORY,
ASSISTANT PROFESSOR LOCKE, MR. POLLARD,
MR. TURNER, MR. GREGORY, AND DR. JOHNSON.

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, MR. POLLARD AND MR. TURNER

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 AND MR. POLLARD.

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 LOCKE AND MR. GREGORY.

ENGLISH IV.—*Familiar and Critical Essay-Writing*.—This course is intended for Juniors and Seniors who already write well but who desire further training in essay-writing. An intensive study is made of the structure and style of both the familiar and 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: Bryan and Crane's *The Familiar Essay*, Brewster's *Modern English Literary Criticism*, and Winchester's *Principles of Modern Literary Criticism*.

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*. (This course alternates with Literature IV; it will be given in 1918-'19.)

MR. TURNER.

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*. (This course alternates with Literature II; it will be omitted in 1918-'19.)

MR. TURNER.

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 1918-'19.) Texts: The Rolfe Edition of the six plays, Neilson and Thorndike's *Facts about Shakespeare*, and Woodbridge's *The Drama, Its Law and Technique*.

PROFESSOR HOUSTON.

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 1918-'19.) Text: Skeat's *The Complete Works of Chaucer, Student's Edition*.

PROFESSOR HOUSTON.

ANGLO-SAXON.—*A Study of Anglo-Saxon Grammar and Literature.*—This course is open to such Seniors as can satisfy the instructor of their fitness to pursue with profit the work of the course. All students wishing to elect the course must secure the permission of the instructor before they enroll. Texts: Bright's *Anglo-Saxon Reader*.

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*.

DR. JOHNSON.

ETHICS

ASSISTANT PROFESSOR LOCKE

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*.

FRENCH

MISS COOK, MR. WESLEY, MR. GUILLOT AND MRS. TERRELL

FRENCH A.—This course is designed for students who enter college without any previous study of French. A careful study of the main facts of grammar with practice in pronunciation is given. Elementary French prose in read and there is also an elementary study of composition. Four times per week.

MR. WESLEY AND MRS. TERRELL.

FRENCH I.—Brief review of Grammar. Practice in reading and writing French. Open to those who offer one year of High School French for admission. Three times per week.

MR. WESLEY AND MRS. TERRELL.

* Half year course.

II. The work of the second year deepens and extends that of the first. Text: Syntax—Edgren's *French Grammar*. Reading—Foncin's *Pays de France* (Edited by Muzzarelli). Victor Hugo's *Notre Dame de Paris*. Extracts *Super's Reading from French History*. Fortier's *Napoleon*.

MISS COOK AND MR. GUILLOT.

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.

IV. A course in French Drama. Texts: Illustrating (1) the Classic French Drama, Moliere'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 *Hernani*, 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.

GEOLOGY

PROFESSOR SCHUB

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. Attention is given to economic Geology, and about 3,000 specimens of fossils and minerals are available for the use of students. It is advisable that Botany I and Zoology I precede it. (Junior elective.)

GERMAN

ASSISTANT PROFESSOR MURPHY, MR. WILLIAMS AND MR. JACKSON.

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.

ASSISTANT PROFESSOR MURPHY.

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.

ASSISTANT PROFESSOR MURPHY AND MR. JACKSON.

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. JACKSON.

GERMAN IIc.—Scientific Readings.—First semester, readings in biography, history and economics; second semester, readings in chemistry, physics, biology and botany. This course is designed to meet the needs of pre-medical students and others specializing in sciences.

ASSISTANT PROFESSOR MURPHY.

Note: Courses IIa, IIb and IIc are open to those who have completed German I or German A. Three times per week.

German III. Advanced composition and conversation. Practice in writing and speaking German. Weekly themes; discussions based on current newspapers and magazines; studies in German words. Three times per week.

ASSISTANT PROFESSOR MURPHY.

German IVa. Life and Works of Goethe. *Dichtung und Wahrheit*, *Werther* and *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. Three times per week. Partly conducted in German. (Not given in 1918-19.)

MR. WILLIAMS.

German IVb. Life and Works of Schiller. *Der dreissigjährige Krieg*, *Wallenstein* with a report on *Die Räuber* for the first semester. *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. Partly conducted in German.

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.

GREEK

PROFESSOR LITTLE AND ASSOCIATE PROFESSOR DAVIS

I. 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.

II. 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.

III. 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.

IV. 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.

V. Sophocles' *Antigone* is read with a careful study of the logaoedic rhythm employed in the lyric parts, and the anapestic 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.

VI. 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. No knowledge of the Greek language is required. Open only to Seniors and Juniors.

ASSOCIATE PROFESSOR DAVIS.

HISTORY

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 mediæval 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.)

INTERNATIONAL LAW

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.

LATIN

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 required 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

* Half year course.

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 Allen'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 secondary schools. *Æneid*, 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.

LOGIC

ASSISTANT PROFESSOR LOCKE

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.

MATHEMATICS

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.

PHILOSOPHY

PROFESSOR MOORE AND ASSISTANT PROFESSOR LOCKE

History of Philosophy. General survey of the principal 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*.

PHYSICS

PROFESSOR WILLIAM COLEMAN AND MR. WEBSTER

These courses are intended to furnish students a thorough foundation in Physics as required to-day as one of the essentials of a liberal education, and at the same preparing students for further study in Physics, Engineering and in the prerequisites for the Study of Medicine.

I. **General College Physics:** Two recitations of one hour each per week plus one two-hour laboratory period per week during the year for students who have had the college preparation in Physics.

Prerequisites: Mathematics required for admission and to have plane trigonometry or to be pursuing the same.

PROFESSOR COLEMAN.

II. **Introduction to Experimental Physics:** Two laboratory periods of two hours each per week plus one hour lecture per week throughout the year.

Prerequisites: Physics I.

MR. WEBSTER.

III. **Advanced Electricity and Magnetism:** A theoretical course comprising lectures, recitations and problems based on parts of J. J. Thompson's *Elements of Electricity and Magnetism*, three hours per week during the year 1917-'18.

Prerequisites: Physics I and II and Differential and Integral Calculus.

MR. WEBSTER.

IV. Light: An advanced course consisting of lectures and experiments in spectroscopy and on the interferometer and other advanced optical instruments, three hours per week during the year. Not offered during 1917-'18.

Prerequisites: Same as Physics III.

PROFESSOR COLEMAN.

V. Heat: A college course based on Edser's Heat for Advanced Students and Perkin's Thermodynamics, three hours per week during the year.

Prerequisites: Same as Physics III.

MR. WEBSTER.

VI. Mechanics: An advanced course in Theoretical Mechanics, three hours per week during the year. This course will consist of lectures, recitations and problems, using a text similar to Dadourian's Mechanics.

Prerequisites: Same as Physics III.

PROFESSOR COLEMAN.

POLITICAL SCIENCE

PROFESSOR PARKS

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*.

PSYCHOLOGY

PROFESSOR MOORE

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.)

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.

SOCIOLOGY

PROFESSOR MILLER

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 Gidding's *Principles of Sociology* will be used as basis of this course. Open to Juniors and Seniors.

II. Problems of the Negro. Growth, Distribution and Tendency of the Negro Population, Segregation, Occupation, Crime, Vital Statistics, Schools, Churches, Business and Benevolent Organizations, Remedial Agencies, General Progress. Open to Juniors and Seniors.

SPANISH

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 Suenño*; Lope de Vega's *La Estrella de Sevilla*; Moratin's *El Si de las Niñas*; Breton's *¿ Quién es Ella?* , etc.

ZOOLOGY

PROFESSOR JUST AND MR. COOKE

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.)

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

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

PROFESSOR JUST.

III. Vertebrate Embryology. A study of the embryology of vertebrates with special reference to the development of the chick.

PROFESSOR JUST.

TEACHERS COLLEGE

FACULTY AND INSTRUCTORS

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

President.

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. B., 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., Ph. D.,

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.

*CLARANCE ALEXANDRE GUILLOT, A. B.,

Instructor in French.

JAMES R. L. DIGGS, A. M., Ph. D.,

Acting Instructor in French.

†KELLY MILLER, A. M., LL. D.,

Professor of Mathematics.

* Absent on leave during the war.

† 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 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.
- WILLIAM COLEMAN, A. M.,
Professor of Physics.
- GORDON DAVID HOUSTON, A. M.,
Professor of English.
- ERNEST EVERETT JUST, Ph. D.,
Professor of Zoology.
- WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.
- NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor of Chemistry.
- CARL P. MURPHY, A. M.,
Assistant Professor of German.
- ELIZABETH APPO COOK,
Instructor in French and Spanish.
- ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.

STATEMENT OF AIMS

The aim of the 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. (4) Mature teachers wishing to familiarize themselves with new methods or to master new branches. (5) College graduates who have not had the advantage of the more recent work in modern education and who desire to extend their professional training.

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. 36-43.

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.

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, 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 most of the 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 semester hours, 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 in Education, and a Science Group, for those taking French or German, leading to the degree of Bachelor of Science in Education. Each degree carries with it the Bachelor's Diploma in Education.

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 or Kindergarten Education, 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 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.

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

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.

NOTE.—A reading knowledge of French or German is 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	4
Education 205-206.	Advanced Educational Theory	4
Education 103-104.	History of Negro Education	4

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: Psychology, 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 and Philosophy.

Note.—Courses numbered 1-50 are open to Freshmen and Sophomores; courses numbered 50-100 open to Juniors and Seniors; courses numbered 100 and over open to Seniors and graduate students.

**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	6 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 one of the following subjects:

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

SYNOPSIS OF COURSE OF STUDY.

I. COLLEGE COURSE

FRESHMAN YEAR.	SOPHOMORE YEAR
English I	English II
6 units	6 units
Mathematics I.....	Educational
6 units	Psychology
Latin or Greek	6 units
6 units	Latin or Greek (Arts
(Arts Group)	Group))
or	6 units
French or German	or
6 units	French or German
(Science Group)	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 Sciences.....	6 units	*1—One year only if based on 2
Physics	6 units	years of high school work, other-
French or German *1	12 units	wise 2 years will be required.
History *2	12 units	*2—Students may claim 6 units
		of exemption according to the
		character of history work done in
		high school.

General Freshman and Sophomore Electives

Psychology of the Bible	History
Botany	Latin
Chemistry	Mathematics
English Literature	Nature Study
French	Physiography
German	Physiology and Hygiene
Greek	Zoology
Domestic Art	Domestic Science
	Manual Training.

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
Modern Language (foreign)	6 units
Optional	30 units

THE TEACHING OF HISTORY GROUP

MAJOR— <i>History</i>	18 units
Minors:	
English	12 units
Modern Language (foreign)	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—Biological Sciences 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 4 units
 Logic 3 units
 Optional 16 units

Electives to total of 30 or 36 units:	
Education 55-56. Genetic Psychology.	*Economics.
Education 1- 2. Kindergarten Education.	*Botany II
English 51-52. English Literature.	*Chemistry.
Education 63-64. History.	*French.
Education 65-66. Mathematics.	*German.
Education 71-72. Science.	*Greek.
Education 111-112. Experimental Psychology and Education.	*Argumentation.
Education 75- 76. Teachers' Course in American History.	*Latin.
	*Spanish.
	*Zoology.
	*Domestic Art.
	*Domestic Science.

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 67-68. Teaching of Modern Languages.	*Chemistry.
Education 69. Teaching of Latin.	*Economics.
Education 71. Teaching of Sciences.	*Greek.
	*History.

- Education 103-104. History of Negro Education. *Political Science. *Physics.
- Education 109-110. Biology and Education. *Zoology. *Commercial and International Law.
- Education 101. History of Education in America. tional Law.
- Education 111-112. Experimental Psychology and Education.

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 selection depending upon previous work done in Education:

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

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.

The requirements for admission to these courses are the same as those for the four year courses — see pages 35-42 of catalog.

COURSES LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION

FIRST YEAR—REQUIRED

English I	6
Physiology and Hygiene	6
Physiography	6
Nature Study	6

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

TEACHERS COLLEGE

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Teaching of Elementary Mathematics	6
History	6
Education 5-6. Songs and Games	2

One elective to be chosen from the general electives.*

SECOND YEAR

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

One elective chosen from the general electives.*

**COURSES LEADING TO A DIPLOMA IN KINDERGARTEN
EDUCATION**

FIRST YEAR

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

One elective chosen from general electives*

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 their ability to play the piano.

* Page 80.

- Education 103-104. History of Negro *Political Science.
 Education. *Physics.
 Education 109-110. Biology and Edu- *Zoology.
 cation. *Commercial and Interna-
 Education 101. History of Education tional Law.
 in America.
 Education 111-112. Experimental Psychology and Education.

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 selection depending upon previous work done in Education:

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

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.

The requirements for admission to these courses are the same as those for the four year courses — see pages 35-42 of catalog.

COURSES LEADING TO A DIPLOMA IN ELEMENTARY
EDUCATION

FIRST YEAR—REQUIRED

English I	6
Physiology and Hygiene	6
Physiography	6
Nature Study	6

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

Teaching of Elementary Mathematics	6
History	6
Education 5-6. Songs and Games	2
One elective to be chosen from the general electives.*	

SECOND YEAR

Literature of Elementary Schools	4
History of Education	6
Educational Psychology	6
Principles of Education	3
Elementary Education	3
Practice Teaching	3
One elective chosen from the general electives.*	

COURSES LEADING TO A DIPLOMA IN KINDERGARTEN EDUCATION

FIRST YEAR

English I.	6
Physiology and Hygiene	6
Kindergarten Theory	4
Kindergarten Education 3-4	3
Kindergarten Education 5-6	2
Physiography	6
Nature Study	6
One elective chosen from general electives*	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 their ability to play the piano.

DESCRIPTION OF COURSES OF STUDY

I. 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 and content of education as revealed by biological, psychological, sociological and ethical principles. Prerequisites: Educational Psychology, History of Education. Three hours. First semester.

PROFESSOR MOORE.

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: Educational Psychology; History of Education. Three hours. Second semester.

PROFESSOR MOORE.

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. Prerequisites: History of Education, Principles of Education. 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. Five hours.

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

ASSISTANT PROFESSOR MACLEAR.

Education 107. Secondary Education: A brief study of the functions and administration of secondary education, and a detailed study of the values, content, and methods of teaching the various high school branches. Each student is required to investigate thoroughly some phase of secondary education and present his findings to the class. Prerequisites: History of Education, Principles of Education, Technique of Teaching. Three hours. First semester. DR. MOORE.

II. EDUCATIONAL SOCIOLOGY.

MR. WESLEY, PROFESSOR TURNER

Education 77-78. The Social Relations of Education.

(1) *Sociological Knowledge as Related to Education:* The aim will be to present a comprehensive survey of the social origins of Education and of Social control through Education

(2) *Educational Theory as Related to the Life of Society:* The external and internal relations of the school as a social unit; The Social View of Education; School Extension; Playground Extension; Vocational Direction; The Social Responsibility of the School. Lectures, assigned readings and reports. Three hours. First and second semesters. MR. WESLEY.

Texts: The Social Aspects of Education, King.

Education 79-80. Modern Social Problems.

The study of modern social problems as they affect the teacher and the school in the large centers of population. Abnormality and Improvement, Dependents and Delinquents, Urban Problems as They Affect the Child, the Juvenile Court, Charity Organization and Correctional Institutions, the Teacher as an Efficient Social Worker, and the Practical Relations of the School to the Community. A part of the second semester will be devoted to the investigation of special community problems. Lectures, assigned readings, frequent reports on special topics. Three hours. First and second semesters. MR. WESLEY.

Education 81-82. Rural School Problems.

This course aims to present an instructive preparation for intelligent endeavor in rural education from the social point of view. It is offered especially for the student seeking knowledge of the rural life problems, to teachers and to those who expect to act as educational officers or in supervisory capacities. The rural educational problem is presented in its historical development and present status, rural home

life and the social conditions of typical communities, the rural church, the rural school, the teaching equipment, the reorganization of rural education and later demands for reform. Particular attention will be given to rural education in the South, the work of the General Education Board, the Slater and Jeannes Funds and organized efforts to remedy the problems of that section.

Supplementary reading, both in texts and in periodical literature; lectures and reports on assigned topics. Three hours. First and second semester.

MR. WESLEY AND PROFESSOR TURNER.

III. EDUCATIONAL PSYCHOLOGY.

Education A. Educational Psychology: This course will offer during the first semester a careful study of the more important aspects of psychology; sensations, images, affections, attention, perception, memory, imagination, and association. It will offer during the second semester a more extended and more detailed study of memory, imagination, and association as applied to the problems of the teacher. Types of learning, imaginal types, laws of economic learning, the most important of the many factors influencing the associative process, and the psychology of skill, will be the chief topics considered.

As far as practicable simple experiments will be employed to make the work first-hand and practical. Three hours per week during first and second semesters.

Prerequisites: Physiology or two courses in Zoology.

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.

Prerequisite: Educational Psychology.

PROFESSOR HARVEY.

Education 59-60. Physiological Psychology: This course presupposes such 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 and a treatment of the emotions. Summaries of articles in the current psychological and educational magazines will also be presented by the students and discussed in class. In treating the various aspects of the sub-

ject its bearing upon the teaching profession will be kept in view. Three hours first and second semester.

Prerequisites: Educational Psychology.

PROFESSOR HARVEY.

Education 111-112. Experimental Psychology and Education: A course in experimental psychology is offered during the first semester and a course in experimental education during the second semester. The course in experimental psychology will attempt to give the student, through the use of the laboratory, such first-hand knowledge of psychology as will serve him well in the course in experimental education. To this end experiments in psychology and psychophysics will be performed by the students under the guidance of the instructor. The exercises will be selected with the view of imparting to the student in the most economic way as much knowledge and training as possible in the time allotted.

The course in Experimental Education will comprise an application of the knowledge and methods of experimental psychology to the problems of learning. In this course the problems of types of learning, imaginal types, and the several problems of memory and the associative process will be studied and the known facts, laws, and principles of the psychology of learning will be worked out at first-hand by the students.

Prerequisite: Educational Psychology.

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. In each of these courses there will be included the best pedagogical methods for teaching the Bible in Bible classes. Three hours, first and second semesters.

PROFESSOR HARVEY.

IV. 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: Educational Psychology, History of Western Europe—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. Prerequisite: History of Education. Two hours. First and semesters.

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. Prerequisites: History of Philosophy, History of Education.

DR. MOORE, ASSISTANT PROFESSOR LOCKE.

V. KINDERGARTEN EDUCATION.

ASSISTANT PROFESSOR MACLEAR

Education 1. Kindergarten Theory: This course is based on a study of Froebel's Education of Man, Mother Play, Pedagogics 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.

VI. THE TEACHING OF ENGLISH LANGUAGE AND LITERATURE.

ASSISTANT PROFESSOR LOCKE

Education 61-62. The Teaching of English.

(a) THE ENGLISH CURRICULUM OF THE ELEMENTARY SCHOOL.

The object of this course is to give a detailed study of the elementary school course in English, with especial emphasis on methods of teaching. The problems of the place and value of the vernacular in education, the unity of the English branches, the conflict of modern with 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.

3. EDUCATION 47-48. ENGLISH SPEECH AND USAGE FOR TEACHERS.

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 purposes 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.

A course in the development of appreciation and critical standards. A brief 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.

VII. 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.

Education 41-42. Teachers' Course in Ancient History.

The first semester is devoted to the Greek people, their origin, development and influence; the second, to the Roman people. Each semester is complete and may be taken alone by special permission. Three hours.

ASSOCIATE PROFESSOR DYSON.

Education 73-74. Teachers' Course in English History.

The central theme will be the constitutional aspects of the history of England. The constitution of England, representing the growth of centuries, is expressive of the character and development of the people. From time to time a careful consideration of the state of Ireland and Scotland will be given, showing the forces at work there. The sources and literature of English history will be noted and written reports will be required, so as to test the student's acquaintance with these. The expansion of the Empire, Colonial ambitions and commercial interests will form a great part of the work of the second semester.

MR. WESLEY.

Education 75-76. Teachers' Course in American History.

The aim of this course is to give practice in the use of sources, in historical composition and in the graphic presentation of facts. It is divided as follows: Colonial period, Early National period, Jacksonian period, Civil War period, Foreign policy. Three hours. Open to Juniors and Seniors.

ASSOCIATE PROFESSOR DYSON.

HISTORY 51-52. LITERATURE OF AMERICAN HISTORY.

The object of this course is to develop an intelligent use of collateral material for the study and teaching of American History. It is desired to give an acquaintance with the secondary authorities and the sources which are available for supplementary reading. Direction is given as to the organization and presentation of this material for class room use. Syllabi with comparative references will aid in directing the reading. A working knowledge of American History is presupposed. Lectures, collateral readings, special investigations, reports. Three hours, first and second semesters.

MR. WESLEY.

Education 39-40. European History.

A survey of European History from the fourth century to the present, including (1) 376-800, the wanderings and settlements of the nations, (2) 800-1300, Mediæval Europe, (3) 1300-1500, the period of the Renaissance and Reformation and (4) 1500-the Present, Modern Europe. The course is designed as an introduction to the college study of history and aims to give both the methods of historical study, as well as the historical point of view in subsequent courses. Definite collateral readings are required on particular aspects of the field, although the use of several texts is required. The Renaissance and Reformation are covered by lectures. Significant texts and documents will be discussed in the class room.

HISTORY 67-68. HISTORY OF THE NEGRO.

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

ASSOCIATE PROFESSOR DYSON.

VIII. 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 funda-

mental 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.

IX. 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.

First semester: Modern French prose writers: reading from Dumas, Daudet, Coppée, Hugo, Balzac, Mérimée, Maupassant, Racine. Lectures on French literature down to 1750. Private reading: dictation.

MR. GUILLLOT.

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

Education 69. The teaching of Latin in Secondary Schools. Not given 1917-18.

X. 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. 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.

(b) *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 1916-'17.

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 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 109. *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. First semester, two hours.

PROFESSOR TURNER.

Education 110. *Teaching of Biology in Secondary Schools:* This course aims to make a study of the problems connected with the teaching of Biology in Secondary Schools.

It will touch briefly upon the history of the introduction of science teaching and the significance of the movement. It will take into account the ideals and point of view of the teacher of Biology, value of science in education, relation of science teaching in the elementary school to

that in the high school and the value of subject matter, laboratory methods and text-books.

Much of the material presented in the course will be taken from the study and observation of high school classes. Lectures, reports, readings. Prerequisites: Principles of Education. Two hours, second semester.

PROFESSOR TURNER.

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,

The 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 DEWOLFE HATFIELD, S. B., M. E.
Director, Professor of Mechanical Engineering.

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

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

JAMES MACKEY MONTMOGERY, A. B.,
Instructor in Printing.

MABEL MADISON JACKSON,
Instructor in Household Arts.

GERTRUDE ELIZABETH SKELTON,
Instructor in Household Economics.

WILLIAM NAYLOR BUCKNER,
Instructor in Woodwork and Drawing.

HAIDEE 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.

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

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

McLEOD HARVEY, A. B., Ph. D.,
Professor of Educational Psychology.

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

ELIZABETH APPO COOK,
Instructor in French.

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

* 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.

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 35.

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

First Semester

Second Semester

*English I .....3 hours	*English I .....3 hours
*Physics I .....3 "	*Physics I .....3 "
*French II or German II...3 "	*French II or German II...3 "
*Mathematics I (a).....3 "	*Mathematics I (b).....3 "
Mechanical Drawing I ....2 "	Mechanical Drawing I ....2 "
Freehand Drawing .....1 "	Freehand Drawing .....1 "
Wood Work I .....3 "	Wood Work II .....3 "
Physical Training "	Physical Training "

SOPHOMORE YEAR

First Semester

Second Semester

*Chemistry I .....3 hours	*Chemistry I .....3 hours
**Psychology .....3 "	**Psychology .....3 "
Mechanism .....3 "	Mechanism .....3 "
Mechanical Drawing II...3 "	Mechanical Drawing II...3 "
Forging .....2 "	Foundry .....2 "
*Physics II .....3 "	*Physics II .....3 "
Printing I .....2 "	Printing I .....2 "
Physical Training "	Physical Training "

JUNIOR YEAR

First Semester

Second Semester

**History of Education...3 hours	**History of Education...3 hours
Printing II .....2 "	Printing II .....2 "
Surveying .....3 "	Pattern Making .....3 "
Art Metal Work .....3 "	Materials of Construction.4 "
Machine Shop .....2 "	Machine Shop .....2 "
Applied Design .....2 "	Applied Design .....2 "
Electives .....3 "	Electives .....3 "

* Given in the College of Arts and Sciences.

SENIOR YEAR

<i>First Semester</i>		**Technique of Teaching..3 hours
**Technique of Teaching..3 hours	*	*Commercial Law .....3 "
*Commercial Law .....3	"	Industrial Electricity ....4 "
Direct Current Machinery..4	"	E. E. Laboratory .....2 "
E. E. Laboratory .....2	"	Costs and Plans of Equip-
Study of Materials .....2	"	ment .....2 "
Practice Teaching .....2	"	Practice Teaching .....2 "
Electives .....3	"	Electives .....3 "

DESCRIPTION OF COURSES

WOOD-WORK I.

MANUAL ARTS

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 I. 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, swaging, simple-welding and elementary work in steel. Not given in 1917-1918.

** Given in the Teachers College.

* Given in the College of Arts and Sciences.

FREEHAND DRAWING.

Credit one hour. Three hours of drawing a week. Expressing simple forms by lines and the application of the Principles of Composition; drawing of historic ornament; freehand and mechanical perspective; drawing from objects and casts in light and shade and pencil sketching.

APPLIED DESIGN.

Credit two hours. Six hours of drawing a week throughout the year. Prerequisite, Mechanical Drawing I. 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, metal, and other material used in the industrial arts.

FOUNDRY.

See Engineering.

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.

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 123.

MECHANICAL DRAWING II.

See courses in Engineering, page 127.

PATTERN MAKING.

See courses in Engineering, page 128.

MACHINE SHOP.

See courses in Engineering, page 130.

PRINTING.

See courses in Printing, page 116.

SURVEYING.

See courses in Engineering, page 123.

MATERIALS OF CONSTRUCTION.

See courses in Engineering, page 124.

HOME ECONOMICS

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 as outlined below. Fifteen or more 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

First Semester

*English I	3 credits
Physiology	3 "
Foods and Cookery.....	2 "
Garment Making.....	3 "
Household Management..	2 "
Design	2 "
Physical Training	

Second Semester

*English I	3 credits
Physiology	3 "
Foods and Cookery.....	2 "
Elementary Dressmaking..	3 "
Household Management..	2 "
Basketry and Weaving..	3 "
Physical Training	

* Given in the College of Arts and Sciences.

SECOND YEAR

First Semester

**Principles of Education.....3 credits
**Psychology .....3 “
General Chemistry.....3 “
Millinery and Needle-work .....2 “
Food Production and Manufacture .....3 “
Home Nursing .....2 “
Theory of Teaching D. S. ....1 “
Practice Teaching, D. S...

Second Semester

**Principles of Teaching.....3 credits
**Psychology .....3 “
General Chemistry.....3 “
Millinery and Needle-work .....2 “
Dressmaking .....3 “
Serving .....1 “
Theory of Teaching D. A. ....1 “
Practice Teaching, D. A...

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 “
**Rural School Problems.3 “
Demonstration Cookery..1 “
History of Cookery.....1 “
Experimental Cookery...1 “
Electives .....3 “

Second Semester

*Economics .....3 credits
*Organic Chemistry ....3 “
**Rural School Problems.3 “
Household Bacteriology.2 “
Sex Hygiene .....1 “
Experimental Cookery...1 “
Electives .....3 “

SENIOR YEAR

First Semester

*English Literature.....3 credits
**History of Education..3 “
Household Chemistry....2 “
Institutional Management.2 “
Topical Work .....1 “
Electives .....3 “
Practice-Teaching

Second Semester

*English Literature.....3 credits
**History of Education..3 “
Household Chemistry....2 “
Institutional Cookery....2 “
Topical Work .....1 “
Dietetics .....2 “
Electives .....3 “
Practice-Teaching

* Given in the College of Arts and Sciences.

** Given in the Teachers College.

CLOTHING AND TEXTILES GROUP

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

JUNIOR YEAR

<i>First Semester</i>	<i>Second Semester</i>
*Economics .....3 credits	*Economics .....3 credits
*Organic Chemistry .....3 "	*Organic Chemistry .....3 "
**Rural School Problems.3 "	**Rural School Problems.3 "
Tailoring .....3 "	Tailoring .....3 "
Electives .....3 "	Electives .....3 "

SENIOR YEAR

<i>First Semester</i>	<i>Second Semester</i>
*English Literature.....3 credits	*English Literature.....3 credits
**History of Education.3 "	**History of Education.3 "
Tailoring .....3 "	Dress Design .....3 "
Household Chemistry....2 "	Household Chemistry....2 "
History of Textiles.....1 "	Advance Needlework....2 "
Electives .....3 "	Electives .....3 "
Practice-Teaching	Practice-Teaching

* Given in the College of Arts and Sciences.

** Given in the Teachers College.

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.

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. Text: Synder's *Human Foods*.

DIETETICS.

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.

HOME NURSING.

This course includes lectures in general home nursing and care of children with demonstrations and opportunities for practice in care of patients, bathing of infants and first aid emergencies.

Laboratory periods include the preparation and service of food for the sick and convalescent, for the infant and growing child. This course is based on the foundation of the Foods and Cookery course.

Three hours weekly. Two credits.

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.

HOUSEHOLD MANAGEMENT.

This course centers about the home, its evolution, history and place in society, its furnishing, decoration, sanitation and care; its management, the division of work and income, marketing and accounts; methods of cleaning. Laboratory practice in laundering; removal of stains, cleansing of laces, silk and other delicate fabrics. Freshman year. One lecture and two laboratory hours.

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. Three hours a week. First Semester.

GENERAL CHEMISTRY.

The aim of this course is to give the student the knowledge of the fundamental principles of the subject, to acquaint the student with the language, the methods and the necessary practices, and with the spirit of the subject, and to require the satisfactory performance of a carefully selected set of experiments designed to furnish the laboratory skill necessary to permit the student to enter profitably upon a more extensive study of the application of chemistry to the household arts.

The illustrative material is drawn, as much as possible, from the field of the industrial and household sciences. The science is given a directional trend from the beginning. Quantitative methods are introduced early in the course. Two hours lecture or recitation. Four hours laboratory throughout the year.

THEORY OF TEACHING DOMESTIC SCIENCE.**PRACTICE TEACHING.****THE HISTORY OF COOKERY.****ORGANIC CHEMISTRY.**

Junior Year.—See College of Arts and Sciences.

RURAL SCHOOL PROBLEMS.

Junior Year.—See Teachers' College.

HOUSEHOLD BACTERIOLOGY.

This course is designed to give the pupil a larger acquaintance with the structure, life history, and economic importance of micro-organisms which affect our daily lives, such as bacteria, yeasts, 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 use as a text.

PHYSIOLOGY.

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 Household Bacteriology or its equivalent. Lectures and assigned readings, one hour per week for one semester.

HOUSEHOLD CHEMISTRY.

This course covers the general study of the subject of chemical operations in the household.

A study is made of the following subjects: Atmosphere and ventilation, water, metals, fuels, carbohydrates, fruits and fruit juices, fats, proteins, baking powders, tea, coffee, cocoa and chocolate, ferments and preservatives, disinfectants and disinfection, textiles and textile adulterations, dyeing, cleaning agents. Senior year. Two hours lecture or recitation. Four hours laboratory throughout the year.

TOPICAL WORK.

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

PLAIN SEWING I.

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, bas-

ketry 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.

GARMENT MAKING 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 work throughout the year. In this course, practice is also given 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.

MILLINERY AND NEEDLEWORK.

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. 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 throughout the year.

BASKETRY AND WEAVING.

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

HISTORY 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.

DRESSMAKING.

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

TAILORING.

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.

DESIGN.

Study of historic costume, and its relation to modern dress standards of beauty; of practicability. Also a study of line, proportion, form and color in gowns, and their relation to individuals; considerations of cost and appropriateness.

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.

COURSES FOR THE ACADEMY.

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 Train-

ing, 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 Department of Engineering offers to those who enter 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.

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. The equipment includes, standards of resistance, inductance and capacity; galvanometers of various types, potentiometers and electro-dynamometers, Thompson's electrostatic voltmeter and electric balances, sechometers, magnetometers, wheatstone and slide-wire bridges, a large assort-

ment 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 practicability 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.

HOWARD UNIVERSITY

OUTLINE OF COURSES

CIVIL ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>	<i>Second Semester</i>
*Mathematics I (a) .....3 hours	*Mathematics II (a).....3 hours
*Mathematics I (b) .....3 “	*Mathematics II (b) .....3 “
*Physics I .....3 “	*Physics I .....3 “
*French II or German II..3 “	*French II or German II..3 “
*English I .....3 “	*English I .....3 “
Mechanical Drawing I ....5 “	Descriptive Geometry ....3 “
Physical Training	Physical Training

SOPHOMORE YEAR

<i>First Semester</i>	<i>Second Semester</i>
*Mathematics III (a)....6 hours	*Mathematics III (b)....6 hours
*Physics II .....3 “	*Physics II .....3 “
*Chemistry I .....3 “	*Chemistry I .....3 “
*Astronomy I .....3 “	Topographical Drawing ....3 “
Elementary Surveying ....3 “	Advanced Surveying ....3 “
Physical Training	Physical Training

JUNIOR YEAR

<i>First Semester</i>	<i>Second Semester</i>
Railroads .....3 hours	Railroads .....3 hours
Mechanics of Engineering.5 “	Mechanics of Engineering.5 “
Hydraulics .....4 “	Materials of Construction..4 “
*Geology .....3 “	Sanitary Engineering .....3 “
Heat Power Engineering..3 “	Roads and Pavements ..3 “

SENIOR YEAR

<i>First Semester</i>	<i>Second Semester</i>
Bridge Stresses .....3 hours	Bridge Design .....3 hours
Structural Details .....2 “	Engineering Laboratory..2 “
Water Supply .....4 “	Irrigation Engineering ...4 “
Direct Current Machinery.4 “	Concrete Construction ....4 “
*Commercial Law .....3 “	*Commercial Law .....3 “
Water Power Engineering.2 “	Water Power Engineering.2 “

* Given in the College of Arts and Sciences.

MECHANICAL ENGINEERING

Freshman year same as for Civil Engineering.

SOPHOMORE

First Semester

*Mathematics III (a).....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 Gears	3 “
Foundry	1 “
*Chemistry I	3 “
Physical Training	

JUNIOR YEAR

First Semester

Mechanics of Engineering..5	hours
Heat Power Engineering..3	“
Machine Design	3 “
Hydraulics	4 “
Pattern Making	2 “
Machine Shop	2 “

Second Semester

Mechanics of Engineering..5	hours
Heat Power Engineering..3	“
Machine Design	3 “
Materials of Construction..4	“
Engineering Laboratory..2	“
Machine Shop	2 “

SENIOR YEAR

First Semester

Direct Current Machinery..4	hours
Heating and Ventilating Buildings	3 “
Engineering Laboratory ..2	“
Elementary Surveying ..3	“
*Commercial Law	3 “
Steel Buildings	3 “

Second Semester

Alternating Current Theory	4 hours
Engineering Design	3 “
Engineering Laboratory ..2	“
Advanced Surveying	3 “
*Commercial Law	3 “
Industrial Management ..3	“

* 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	
Gears .....3 "	
Foundry .....1 "	
*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 "	

* Given in the College of Arts and Sciences.

DESCRIPTION OF COURSES

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 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 1917-18.

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 1917-18.

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. Exercises involving the use of woodworking tools and machines. Construction of patterns and core boxes from shop drawings.

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, roofs 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.

AGRICULTURE *

The Department of Agriculture offers a regular four year course in Agriculture. This course is planned to meet three specific needs: First, to give students a thorough training in agricultural education; second, to meet the needs of those students who desire to enter the Federal service as specialists in some one of the many branches of agricultural industry, such as Inspectors, Plant Pathologists, Plant Breeders, etc.; third, to furnish an opportunity for the large number of students, who have had work of a vocational nature in a secondary school, to round out this training and to establish it on a thoroughly scientific basis.

The various subjects of instruction may be conveniently arranged into three groups as follows:

- (a) Sciences related to Agriculture, as Botany, Zoology, Entomology, Chemistry, Physics and Bacteriology.
- (b) Technical Agricultural subjects, as Agronomy, Animal Husbandry, Dairy Husbandry, Poultry Husbandry, Horticulture, etc.
- (c) Non-technical subjects, as English Language, Modern Language, Political Science, Rural Economy, History of Education, Psychology, Methods of Teaching and similar subjects.

* This course will be given beginning September 25, 1918, provided funds are made available by Congress.

The subjects of the first group are designed to furnish the pupil an insight into the principles of Agriculture Science; those of the second group teach him the application of these principles; while those of the third group tend further to develop the student's intellect, broaden his view and supply him with the psychological and pedagogical foundations of his chosen profession.

DEGREE.

The degrees of Bachelor of Science in Agriculture will be conferred upon those who complete the regular four year course as outlined below.

EQUIPMENT.

The University is well equipped, through its splendid laboratories of Applied Biology, Botony, Chemistry, Geology, Physics and Zoology, to offer courses in the sciences related to Agriculture; also, through departments already established, to give courses in the non-technical subjects, such as Languages, Political and Social Sciences and Rural Economy.

For teaching the technical agricultural subjects, there is a small enclosed experimental garden, also several plots of land about the campus, which are available for experimental work in Plant Breeding, Plant Pathology and Genetics.

The location of the University in the National Capital also offers opportunity to utilize the resources of the United States Department of Agriculture to supplement our present lack of facilities for practical instruction; the excellent greenhouses, laboratories, libraries and experiment farms offer invaluable illustrative material.

OUTLINE OF COURSES

AGRICULTURE

FRESHMAN YEAR

First Semester

Second Semester

*English I.....3	hours	*English I.....3	hours
*Solid Geometry	3 "	*Plane Trigonometry	3 "
*Chemistry I.....3	"	*Chemistry I.....3	"
Physiology	3 "	Physiology	3 "
Agricultural Botany	3 "	Agricultural Botany	3 "
Agronomy	3 "	Agronomy	3 "
Physical Training		Physical Training	

* Given in College of Arts and Sciences.

SOPHOMORE YEAR

<i>First Semester</i>		<i>Second Semester</i>	
*Public Speaking	3 hours	*Public Speaking	3 hours
*Physics I.....	3 "	*Physics I.....	3 "
*Modern Language	3 "	*Modern Language	3 "
*Zoology	3 "	Economic Entomology ...	3 "
Agricultural Chemistry..	3 "	Agricultural Chemistry..	3 "
Animal Husbandry	3 "	Animal Husbandry	3 "
Physical Training		Physical Training	

JUNIOR YEAR

<i>First Semester</i>		<i>First Semester</i>	
*Modern Language	3 hours	*Modern Language	3 hours
**History of Education..	3 "	**History of Education..	3 "
**Psychology	3 "	**Psychology	3 "
Dairying	3 "	Poultry Husbandry	3 "
Horticulture	3 "	Horticulture	3 "
Electives	3 "	Electives	3 "

SENIOR YEAR

<i>First Semester</i>		<i>Second Semester</i>	
**Rural Sociology	3 hours	**Rural Sociology	3 hours
Bacteriology	3 "	Bacteriology	3 "
Farm Management	3 "	Rural Economics	3 "
Teaching of Agriculture..	3 "	Teaching of Agriculture..	3 "
Electives	6 "	Electives	6 "

Electives to be chosen from the following group:

Freehand Drawing
 Mechanical Drawing
 Plant Pathology
 Plant Physiology and Breeding
 School Administration
 Truck Farming

Farm Crops
 Principles of Education
 Agronomy (special crops)
 Agricultural Education
 History of Agricultural Development

* Given in College of Arts and Sciences.

**Given in Teachers College.

DESCRIPTION OF COURSES

AGRICULTURAL BOTANY.

This course is offered to Freshmen throughout the year. It will take up the elements of Plant Physiology as applied to growth of farm crops. Anatomy will be emphasized in so far as it is necessary to explain physiological processes. Three laboratory periods of two hours each.

ANIMAL HUSBANDRY.

This course is an introduction to the general field of animal production. It gives the student a clear idea of the important types and breeds and some practice in stock judging. It emphasizes the underlying principles of care and management of stock, also the principles of feeding and breeding. Three credits.

HORTICULTURE.

This course aims to cover the general field of fruit growing, vegetable gardening and floriculture; it furnishes the foundation for special study of any particular crop which the student may wish to pursue further. Throughout the year. Three credits.

DAIRYING.

This course includes a study of the composition of milk, Babcock testing, separation of milk, ripening of cream, and farm butter making; also a brief study of chief breeds of dairy cattle. First semester. Three credits.

POULTRY HUSBANDRY.

A study of breeds of domestic poultry, their history and classification will be taken up in this course; laying and market qualities of the different breeds; breeding fowls for different purposes; location and construction of poultry plant and its equivalent; judging and preparing poultry products for the market. Second Semester. Three credits.

FARM MANAGEMENT.

This course includes a study of the methods of successful farmers; the application of business methods to farm operations; farm capital; farm labor; economic management of fields; markets and marketing; relation of farming to other industries. First Semester. Three credits.

RURAL SOCIOLOGY AND RURAL ECONOMICS.

The distinctive characteristics of rural life and its agricultural needs; the significance of improving the conditions of rural life; agencies of rural welfare and their inter-relations. Throughout the year. Three credits.

HISTORY OF AGRICULTURAL DEVELOPMENT.

This course covers the history of Agriculture as related to the development of the nation, showing its relations to other sciences, arts and industries. It gives the student a broad comprehension of the field of Agriculture and of its importance in the development of the race. Second Semester. Three credits.

CONSERVATORY OF MUSIC

FACULTY

STEPHEN MORRELL NEWMAN, D. D., *President.*

LULU VERE CHILDERS, Mus. B., *Director, Professor of Singing.*

Conservatory of Music—Oberlin, Ohio.

Pupil of William Shakespeare—London, England.

Sydney Lloyd Wrightson—Washington College of Music.

H. S. Deverse of Chicago Musical College.

ROY WILFRED TIBBS, Mus. B., *Professor of Piano and Organ.*

Student with Isadore Philipp, Paris, France.

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.

TOURGEE A. DEBOSE, *Instructor in Violin, Piano and Harmony*

Department of Music, Fisk University, Nashville, Tenn.

Conservatory of Music, Oberlin, Ohio.

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 COURSE

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.

First Year: Principles of breathing as taught by Shakespeare, tone production, voice placing. Shakespeare Books I and II. Concone opus 11, vol. 294. Piano. French and German.

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.

Third Year: Shakespeare Book III. Concone opus 12, vol. 275. Panofka—opus 81, vol. 76—opus 85, vols. 295, 296—Oratorio and Songs—German and French Songs. Harmony—French, German, Piano.

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

VIOLIN COURSES

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 concert pieces. Through all stages of the course emphasis is placed upon tone quality and intonation.

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. All students are prepared for the ensemble class through duet playing, using the duets of Pleyel, Jansa, De Beriot, etc.

The course is based on the Sevcik technic, and in addition, the following technical studies are used: Wichtl's and Ries' Methods, Studies by Wohlfahrt, Kayser, Mazas, Kreutzer, Rode, Fiorillo, Gavinies, scales in two and three octaves and broken chords with various bowings.

Solo works are used as follows: Seitz's Pupils' Concertos, Pleyel Sonatines, Danclas Airs Varies, and modern compositions from the works of Hans Sitt, Wieniawski and other recognized writers for the violin, and solo pieces of various grades of difficulty.

THEORY COURSE

FIRST YEAR

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.

SECOND YEAR

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.

THIRD YEAR

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, Lehman—6. A resumé of preceding work in Harmony with examples for illustrations and analysis from the works of classicists and modern writers with some work in analyzing excerpts from the more prominent composers of the ultra-modern school.

FOURTH YEAR

THEORY 7

Theory VII6

SIMPLE COUNTERPOINT.

A course in strict counterpoint together with original work in part writing.

THEORY 8

Theory VIII, Formal Analysis6

This course is designed to familiarize the student with the form of compositions. It is a semi-lecture course, a great part of the work being actual analysis of the piano-forte sonatas of Beethoven, Mendelssohn's Songs without words, Chopin's Mazurkas, Waltzes, Polonaises and larger compositions, works from early eighteenth century composers, and the Preludes, Fugues, and Inventions of J. Sebastian Bach.

HARMONIZING AT THE PIANO.

This work is taken simultaneously with the Harmony, using similar materials and progressing relatively with the work in Harmony.

Accompanying Theory V there will be special work in figured bases and harmonizing German chorals.

The theory course throughout requires three hours per week in class with credit for four hours and presupposes three hours preparation for each hour of class work.

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

First Year		Second Year	
Voice—1 hr. dly. pract. . .	2 2 4	Voice—2 hrs. dly. pract. .	4 4 8
Piano—3 hrs. dly. pract. . .	6 6 12	Piano—2 hrs. dly. pract. .	4 4 8
Language Course	2 2 4	Language	2 2 4
Theory	3 3 6	Theory	3 3 6
*Electives	1 1 2	History of Music	3 3 6
	—	*Electives	1 1 2
	28		34
Third Year		Fourth Year	
Voice—2 hrs. dly. pract. . .	4 4 8	Voice—private lessons . . .	6 6 12
Piano—2 hrs. dly. pract. . .	4 4 8	Recital in Major Study..	8
Language	2 2 4	Choir & Musical Union,	
Theory	3 3 6	required	1 1 2
Choir & Musical Union,		*Electives	4 4 8
required	1 1 2		—
	—		30
	28		
		Total hours 120	

PIANO

First Year		Second Year	
Piano—3 hrs. dly, pract. .	6 6 12	Piano—3 hrs. dly. pract. .	6 6 12
2nd Study—Voice, Organ, Violin, etc., 1 hr. dly. pract.	2 2 4	2nd Study—1 hr. dly, pract.	2 2 4
Theory	3 3 6	Theory	3 3 6
*Electives	3 3 6	History of Music	3 3 6
	—	*Electives	1 1 2
	28		—
			30
Third Year		Fourth Year	
Piano—3 hrs. dly, pract.	6 6 12	Piano—private lessons ..	6 6 12
2nd Study—1 hr. dly.	2 2 4	Recital in major study ...	8
Theory	3 3 6	*Electives—4 hrs. of this if desired, a recital in 2nd Study	10
*Electives	5 5 10		—
	—		—
	32	Total hours	120

ORGAN

First Year		Second Year	
Organ—1 hr. dly. pract.	2 2 4	Organ—1 1-2 hr. dly. prac.	3 3 6
Piano—3 hrs. dly, pract...	6 6 12	Piano—3 hrs. dly. pract...	4 4 8
Theory	3 3 6	Theory	3 3 6
*Electives	3 3 6	History of Music	3 3 6
	—	*Electives	1 1 2
	28		—
			32
Third Year		Fourth Year	
Organ—2 hrs. dly. pract. .	4 4 8	Organ—private lessons ..	6 6 12
Piano—2 hrs. dly, pract. .	4 4 8	Recital in Major Study..	8
Theory.	3 3 6	Theory	3 3 6
*Electives—preferably in- strumentation for 6 hrs. of this	4 4 8	*Electives—Recital in 2nd Study if desired	2 2 4
	—		—
	30	Total hours	120

VIOLIN

First Year			Second Year		
Violin—3 hrs. dly. pract.	6	6 12	Violin—3 hrs. dly. pract..	6	6 12
Piano—1 hr. dly. pract.	2	2 4	Piano—1 hr. dly. pract...	2	2 4
Theory	3	3 6	Theory	3	3 6
Prep. Ensemble—2 hrs. a week	1	1 2	History of Music	3	3 6
*Electives	3	3 6	Ensemble or Orchestra, required	1	1 2
		—			—
		30			30
Third Year			Fourth Year		
Violin—private lessons ..	6	6 12	Violin—private lessons ..	6	6 12
Piano—1 hr. dly. pract. ..	2	2 4	Recital in Major Study ..		8
Theory	3	3 6	Orchestra—required	1	1 2
Orchestra—required	1	1 2	*Electives—String quartet a part of this if possible	5	3 8
*Electives	3	3 6			—
		—			—
		30			30
			Total		120

RATES OF TUITION

VOICE

MISS CHILDERS

One lesson per week of thirty minutes\$24.00 per year
 Two lessons per week of thirty minutes each.....\$48.00 per year

PIANO

MR. TIBBS

One lesson per week of twenty minutes\$24.00 per year
 Two lessons per week of twenty minutes each\$48.00 per year

MISS LEWIS

One lesson per week of thirty minutes\$24.00 per year
 Two lessons per week of thirty minutes each.....\$48.00 per year

MR. DEBOSE

One lesson per week of twenty minutes\$24.00 per year
 Two lessons per week of twenty minutes each\$48.00 per year

HOWARD UNIVERSITY

ORGAN

MR. TIBBS

One lesson per week of twenty minutes	\$24.00 per year
Two lessons per week of twenty minutes each	\$48.00 per year

VIOLIN

MR. DEBOSE

One lesson per week of thirty minutes	\$24.00 per year
Two lessons per week of thirty minutes each.....	\$48.00 per year

THEORY

MR. TIBBS

Class Lessons—two per week.....	\$10.00 per year
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HISTORY

MISS LEWIS

Class Lessons—two per week.....	\$10.00 per year
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EAR TRAINING

MR. TIBBS

Class Lessons—two per week.....	\$10.00 per year
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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 Univeristy 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.

LIBRARY TRAINING CLASS

EDWARD CHRISTOPHER WILLIAMS, B. L., *Director*

In response to the rather insistent, if somewhat limited, demand, particularly from the South, for opportunities for library training, and in furtherance of its purpose eventually to offer instruction in library science which shall meet the standards set by the American Library Association, the University will accept a limited number of students as members of a library training class. These students will receive full class instruction in reference work, bibliography, and the criticism and selection of books, and such instruction in shelf-listing, classification, cataloguing, and the other technical processes, as may be given without detriment to the daily routine work of the University Library. The minor processes of every-day work will be learned by observation, and by doing actual work under supervision. The work in its present form is designed primarily for persons already engaged in library work, or fitting themselves for a definite position. The course, if followed earnestly, should fit the student for the management of a small school library or for intelligent work as assistant in a larger library.

Candidates for this class must be graduates of accredited high schools, or must be able to show equivalent preparation. As not more than six students can be accommodated during the coming year, application should be made early. Address all communications to The Librarian, Howard University. An outline of the courses follows:

Reference Work. A study of the standard works of reference, as the general and special cyclopedias, dictionaries, annuals, indexes to periodicals, ready reference manuals, and the more important newspapers, periodicals, and public documents. Works of a similar scope are compared, and the limitations of each pointed out. Lists of questions to be solved by the use of the works studied are given, and the methods of finding the answers discussed in class. The aim of this course is not only to promote familiarity with a considerable number of well known reference works, but also to give the student some idea of method in handling books, to familiarize him with the use of indexes, tables of contents, and varying forms of arrangement, and, finally, to suggest methods of comparison and evaluation. 43 hours.

Bibliography. (a) A study of the trade and national bibliography of the United States and England, with a hasty survey of France, Germany and the other European countries. Familiarity with the works studied is obtained through the solution of practical problems. (b) A brief resumé of general and subject bibliography. 15 hours.

Public Documents. A brief survey of the publications of the government, chiefly from the standpoint of reference work and bibliography. A special point will be made of the value of government publications to the small library with a limited income. 10 hours.

Criticism and Selection of Books. A weekly reading seminar, in which will be attempted a hasty survey of the literature of certain important subjects; a study of well known types in the book world; the evaluation of books with relation to certain types and grades of readers; the writing of book annotations, and the study of book reviews. 32 hours.

Practical Work. The class work outlined above will be vitalized at all points by the experiences of actual work with readers in the university library. These experiences will be discussed freely during class periods in an attempt to make the work of each student contribute to the knowledge of all the rest.

Technical and Administrative Courses. As is set forth above, these courses will be made as full as the exigencies of the regular work of the library will allow, but it is impossible at this time to assign the number of hours which will be allotted to each subject.

Other Work. Students will be encouraged to take advantage of the courses in German, French, and Spanish offered by other departments of the university, as far as they may do so without encroaching upon the time needed for their regular work. Instruction in typewriting will be given to all those needing it.

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 Emeritus.

DAVIE BUTLER PRATT, A. B., D. D.

Dean; Professor of Church History and Sociology.

FRANK PORTER WOODBURY, A. M., D. D.

Professor of Homiletics and Pastoral Theology.

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

Professor of Bible History and Introduction; Director of Correspondence Study.

EZRA ALBERT COOK, A. M., Ph. D.,

Professor of Systematic Theology.

JOHN WESLEY JACKSON, A. M. D. D.,

Acting Professor of Hebrew.

*MONTGOMERY GREGORY, A. B.

Instructor in Elocution.

†JAMES FRANCIS GREGORY, A. B., B. D.,

Acting Instructor in Elocution.

Special Lecturers each year.

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,"

* On leave of absence during the war.

† Resigned to do Y. M. C. A. War Work.

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. 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

PURPOSE.

The primary purpose of the School of Theology is to prepare young men for the Gospel ministry, the special aim being to make effective preachers of the Word, successful pastors and wise leaders toward a higher spiritual life. The courses offered and the instruction given are also of great value in preparing for missionary service, Christian teaching and social welfare work.

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. Its libraries, art collections and museums afford unrivalled opportunity for special research work. The great theological schools are now located in the cities. Here are the people and here are the largest opportunities for culture and development.

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.

3. In its inter-denominational character. The School of Theology is open without discrimination to students of all denominations. 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 students are taught the great fundamental doctrines common to all evangelical churches. 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.

4. In its contact with the largest colored population in any city in the United States. This gives unequalled privileges to students to participate actively in local church work, social settlements and other institutions. All denominations are represented in Washington, so that each student can keep in close relationship with the church of his choice. Students are encouraged to join in the work of the local churches, in order to gain practical experience under the guidance of pastors.

5. In its student activities. Through the Livingstone Missionary Society and the Maynard Literary Society, both maintained by the members of the School of Theology, interest in missions is quickened and facility in literary expression is developed. Through the University Y. M. C. A. and other agencies, opportunity is given for personal work among a large number of younger students.

REQUIREMENTS FOR ADMISSION AND COURSES OF STUDY

Every candidate for admission to the School of Theology is expected to present testimonials from two responsible persons. His pastor and the principal of the school he last attended are preferred.

THE DIPLOMA COURSE

ADMISSION: Students are admitted to this course on certificates of graduation from some reputable high school or on passing a satisfactory examination. After completing the prescribed studies they will be recommended for graduation with a diploma.

COURSES OF STUDY: Courses are given in the following subjects:

Biblical Introduction	Systematic Theology
Bible History	Introduction to the History of Religion
English Exegesis	History of Religion
Elementary Hebrew	Church History
Hebrew Exegesis	History of Missions
Greek Exegesis	Homiletics
Sociology	Psychology of Religion
Social Service	Religious Education
Ethics	Pastoral Theology
Introduction to Philosophy	Elocution
Introduction to Theology	

For details see the "Description of Courses."

CORRESPONDENCE STUDY: Candidates for a diploma may take part of their studies by correspondence, but at least one year, the senior year, if possible, must be spent in residence. Correspondence students, in addition to being examined upon the text-books, etc., used in residence work, must submit to examinations in such other books as the Faculty may select as a partial substitute for class room lectures and discussions.

If a student is unable to spend a year in residence study, he may, by special vote of the Faculty, upon the satisfactory completion of the full course of study be awarded a correspondence course diploma.

CLASSICAL STUDIES: The School of Theology, while placing the emphasis upon the study of the English Bible, makes provision for the study of the languages in which the Bible was originally written. While the courses in Hebrew and Greek are not required, those students whose preliminary training is adequate will be permitted to enter upon the study of these languages and will be excused from such other class work as the Dean may determine. Hebrew and Greek are not taught by correspondence.

THE BACHELOR OF DIVINITY COURSE

ADMISSION: The following groups of persons are eligible to become candidates for the degree of B. D., and after fulfilling the conditions stated in each case will be recommended for graduation with the degree:

A. Students of the Howard School of Theology, who have attained the degree of A. B., or its full equivalent. These will be awarded the

degree of B. D., upon the satisfactory completion of the class room work, which is the same as for diploma students, and upon passing examinations on the books in any three half courses (see below). One-half course should usually be taken during each year of residence study.

B. Graduates of the Howard School of Theology with a diploma. These will be awarded the degree of B. D. upon passing satisfactory examinations on the books required in any five full courses or the equivalent thereof. In case the candidate has credit for any college work, one full course less will be required for each year of such college work, save that a minimum of three half courses must be taken.

C. Graduates of other schools of theology or those whose attainments are equivalent to those required for our diploma. These will be awarded the degree of B. D. upon passing satisfactory examinations on the books in any six full courses or the equivalent thereof. In case the candidate has credit for any college work, one full course less will be required for each year of such college work.

STUDY COURSES AND BOOK LISTS FOR THE DEGREE OF B. D.

I. A. OLD TESTAMENT INTRODUCTION

An Introduction to the Old Testament—Creelman.
 The Literature of the Old Testament—Moore.
 The Origin and Permanent Value of the Old Testament—Kent.
 How God Inspired the Bible—Smith.
 The Problem of the Old Testament—Orr.
 Old Testament History—Wade.

I. B. OLD TESTAMENT EXEGESIS

The Doctrine of Sacred Scripture, 2 Volumes—Ladd.
 Ruling Ideas in Early Ages—Mozley.
 Special Studies in the Prophetical Books and Psalms.

II. A. NEW TESTAMENT INTRODUCTION

The Story of the New Testament—Goodspeed.
 A Critical Introduction to the New Testament—Peake.
 The Books of the New Testament—Strong.
 The Messages of the Books—Farrar.
 Short Introduction to the Gospels—Burton.
 The History of the Early Christian Literature—Soden.

II. B. NEW TESTAMENT EXEGESIS

The Study of the Four Gospels—Westcott.
 Studies in the Acts and Epistles—Bosworth.
 The History of Interpretation—Farrar.
 Special Studies in the Social Teaching of Jesus and the Apostles.

III. A. SOCIOLOGY

The Principles of Sociology—Giddings (Macmillan).
 Outlines of Sociology—Blackmar and Gillen (Macmillan).
 The Family, etc.—Goodsell (Macmillan).
 Human Nature and the Social Order—Cooley (Scribners).
 The Reconstruction of the Church—Strayer (Macmillan).

III. B. ETHICS

Ethics—Dewey and Tufts (Holt).
 Every Day Ethics—Cadot (Holt).
 The Philosophy of Loyalty—Royce (Macmillan).
 Human Ideals—Spencer (T. Fisher Unwin).
 The Ethics of Jesus—King.

IV. A. CHURCH HISTORY

History of the Christian Church to A. D. 461—Foakes-Jackson (Hall and Son).
 History of the Reformation in Germany—Lindsay (Scribners).
 Christian Institutions—Allen (Scribners).
 The Development of the Christian Religion—Mathews (Macmillan).
 One Volume in the American Church History Series (Scribners).

IV. B. HISTORY OF CHRISTIAN DOCTRINE

Outlines of the History of Dogma—Harnack (Funk & Wagnalls).
 Christian Thought to the Reformation—Workman (Scribners).
 Protestant Thought Before Kant—McGiffert (Scribners).
 The Rise of Modern Religious Ideas—McGiffert (Scribners).
 The Continuity of Christian Thought—Allen (Houghton & Mifflin).

V. A. SYSTEMATIC THEOLOGY

- Christian Theology in Outline—Brown (Scribner).
 The Enlarging Conception of God—Youtz (Macmillan).
 Fundamental Questions—King (Macmillan).
 Hand-Book of Apologetics—Garvie (Scribners).
 Religions of Authority and the Religion of the Spirit—Sabatier (McClure, Phillips & Co.).

V. B. HISTORY OF RELIGION

- The Gods of India—Martin (Dutton).
 The Faith of Islam—Sell (Edwin S. Gorham, New York).
 The Story of the Mormons—Linn (Macmillan).
 The Faith and Works of Christian Science—Paget (Macmillan).
 The Origin and Growth of the Hebrew Religion—Fowler (University of Chicago Press).
 The Religions of the Chinese—DeGroot (MacMillan).

VI. A. PSYCHOLOGY

- Varieties of Religious Experience—James (Longmans).
 Human Personality and Its Survival After Death—Meyer (Longmans).
 The Great Society—Wallas (Macmillan).
 An Introduction to Social Psychology—McDougall (Luce & Co., Boston).
 The Mystic Way—Underhill (Dutton).

VI. B. PHILOSOPHY

- The Will to Believe—James (Longmans).
 The Ultimate Belief—Clutton-Brock (Dutton).
 The Meaning of God in Human Experience—Hocking (Yale Un. Press).
 The Approach to Philosophy—Perry (Scribner).
 The Philosophy of Religion—Galloway (Scribner).

VII. A. PASTORAL THEOLOGY

- The Christian Pastor—Gladden.
 Public Worship—T. H. Pattison.
 The Pastor Preacher—W. A. Quayle.
 Pastoral Theology—P. Fairbairn.
 The Pastor in the Parish—G. B. Willcox.
 The Christian Pastorate—D. P. Kidder.

VII. B. RELIGIOUS EDUCATION

A Social Theory of Religious Education—Coe (Scribner).

The Pupil and the Teacher—Weigle (Doran).

The Human Element in the Making of a Christian—Conde (Scribners).

Religious Education in the Family—Cope (Un. of Chicago Press).

VIII. A. ELEMENTARY HOMILETICS

The Making of the Sermon—T. H. Pattison.

The Ministry of the Congregation—J. A. Kern.

Preparing to Preach—D. R. Breed.

Yale Lectures on Preaching—H. W. Beecher.

Lectures to Students—C. H. Spurgeon.

VIII. B. ADVANCED HOMILETICS

Theory of Preaching—A. Phelps.

Psychic Power in Preaching—A. S. Kennard.

The Ideal Ministry—H. Johnson.

Lectures on Preaching—P. Brooks.

Pulpit and Parish—N. J. Burton.

SPECIAL CORRESPONDENCE STUDIES

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:

(1) 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 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.

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, yet every candidate is expected to present testimonials from responsible persons; his pastor and the principal of the school he last attended preferred. 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.

METHODS OF TEACHING AND EXAMINATIONS

TEACHING: 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. Investigation of original sources is encouraged and theses are required. 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.

EXAMINATIONS: Tests are given from time to time at the discretion of the professors. At the end of each semester, examinations are held and soon after, each resident student is given a statement of his standing in each study, with such other information regarding his work as may be necessary. Examinations on the books required in the B. D. course may

be taken at the beginning of the academic year or at the time of the regular semester examinations; *i. e.*, about October 1st, February 1st and May 25th. If examinations are taken *in absentia*, the student must send the name of some minister with whom he has made arrangements to conduct the examination. The questions will be sent to this minister who will return the questions and answers to the professor giving the examination.

GENERAL REGULATIONS

ADVANCED STANDING: Students coming from approved school of theology may, by vote of the Faculty, be admitted *ad eundem*, but should be matriculated in this University not later than the 15th of October preceding the commencement of graduation.

PARTIAL WORK: The basic requirement for graduation is three years' study in residence. In case a student's time for study is limited, he may take such courses as he is able to carry and complete the work required for graduation in a longer time. Those doing work by correspondence, usually require much more time than resident students.

UNCLASSIFIED STUDENTS: Those not qualified for admission to regular standing may be admitted as unclassified students and attend such classes as the Faculty may determine. Unclassified students are not eligible for student aid nor are they candidates for graduation.

CONDITIONS: In all cases the Faculty reserves the right to determine the eligibility of each candidate to enter upon, or to graduate from, a given course of study. Those who lack the minimum requirements for a given course are sometimes admitted to its studies. If they make up their deficiencies, they become eligible to graduation. Conditions imposed must be removed not later than the end of the semester following the one in which the condition was incurred.

ABSENCES: If a student is absent from the class room exercises in any study for one-third of the time, he is conditioned in that study. By vote of the Faculty he may be permitted to remove the condition by extra work. When the absences amount to one-half of the time, the study must be repeated.

RELIGIOUS SERVICES: A chapel service is held, daily, at noon.

On the first Friday of each month at 2:00 P. M., the students render a literary program. At the same hour on the third Friday of each month

the students engage in mission study. On the other Fridays, at 2:00 P. M., a lecture on some practical topic is given, usually by one of the Faculty, with devotional exercises and conference, in which the students take part. This affords the opportunity for closer Christian fellowship between professors and students and for cultivating the Christian life.

GRADUATION: All candidates for graduation must matriculate by October 15th preceding the commencement of their 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 prerequisites for graduation. All examinations, save the final examinations in residence, must be passed and all conditions removed not later than April 1st preceding graduation. A thesis of from three to five thousand words, suitably prepared for filing in the University Library must be presented by April 1st of senior year. A receipt from the Treasurer, showing all bills paid, should be presented to the Dean by May 15th.

GENERAL INFORMATION

EXPENSES: No tuition is charged. Theological students can take elementary Greek in the Academy without extra charge. But those who take other studies in the other Departments of the University are required to pay fees according to the studies taken. Room rent to theological students in Clark Hall, including steam heat and electric light, bed linen and laundrying the same is \$26 per year, \$10.50 of which is to be deposited invariably in advance. Board in Miner Hall is \$12 per month, payable in advance. Matriculation (paid only the first year) \$5.00, Library fee \$2.00, Athletic fee \$3.00, Graduation fee \$2.00, Diploma for Bachelor's Degree \$5.00, Diploma for Diploma Course \$3.00. \$25.00 a year for books and incidentals will be needed, on the average, in addition to money for board and room rent. For further information see pages 30-33 of this catalogue.

Correspondence students must purchase the necessary text-books and pay a tuition fee of \$2.50 for each half course taken toward a degree or a diploma. Unmatriculated students taking special correspondence studies must purchase the necessary text-books. In these special correspondence studies, a subject is divided into courses. The tuition for a course in any subject is placed for the present at the very low rate of \$4.00, payable invariably in advance. This includes all expenses for

question papers and examination papers. Students must enclose stamps for the return of reports on lessons sent in to the office. If for any cause an application should fail of being accepted, the tuition fee is at once returned to the sender.

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. The Secretary of the Y. M. C. A., Howard University, will assist students, so far as possible, to secure employment.

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.

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.

ENLARGED SEMINARY EXTENSION

Howard University School of Theology in its Seminary Extension plan is taking an advanced step towards denominational co-operation in ministerial training. This department is proposing to emphasize denominational co-operation by utilizing as far as practicable denominational lecturers and instructors in Bible Conferences and Institutes to be held as far as possible with the various denominational conferences, associations and organizations. The plan involves also a loan library in connection with a well-planned program for field workers.

Address all communications concerning Correspondence Study to the Director.

STERLING N. BROWN, D. D.,
Howard University, Washington, D. C.

Applications for admission to the School of Theology should include a detailed statement of previous educational attainments, references, and present post-office address.

All general correspondence for further information beyond that which is given in the catalogue should be sent to the Dean. Address,

DEAN D. BUTLER PRATT, D. D.,
Howard University, Washington, D. C.

DESCRIPTION OF COURSES

The following outline of studies and hours of class room work indicates the average proportions of time given to each subject. These vary somewhat year by year, to suit the needs of each class as these are made known by the actual experience of the class room.

BIBLICAL STUDIES

O. T., I. **BIBLICAL INTRODUCTION TO THE OLD TESTAMENT:** Genuineness, Authenticity, Authority and Inspiration of the Old Testament books; Origin, Structure, Literary Character and Main Features of each book; Bible Geography; Versions of Scripture; History of the English Bible; Kinds and Principles of Criticism; Composition of the Pentateuch.

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.

J. 2, 2 Sem.* PROFESSOR BROWN.

N. T., I. **BIBLICAL INTRODUCTION TO THE NEW TESTAMENT:** Divisions and chronological order of books, with dates and authorship, and brief introduction to the several books. A comparative study of the Synoptic Gospels.

M. 2, 2 Sem., PROFESSOR BROWN.

O. T.. 3 and N. T. 3. **ENGLISH BIBLE EXEGESIS: ITS PRACTICAL AND HOMILETIC STUDY.** The English Bible is the Bible of the people. It is the providential development out of the Hebrew, Aramaic and Greek versions. They were for other times; our Bible is for our times and peoples. The Scriptures which the people use are those which the pastor and preacher must use and he should be deeply versed in them. The plain teachings of the Bible thus universally used furnish our field of study. It is not hard to find them; but it is not easy

*J. indicates Juniors, M. Middlers, S. Seniors. Figures show the number of hours per week. 1 Sem. stands for first semester, 2 Sem. for second semester. "Year" indicates that the study is taken throughout the year.

to use them wisely. Mere haphazard references to holy scripture are not only useless; they are highly injurious. This is a defect of multitudes of pulpits.

We study the Bible both practically and homiletically, both for personal use and for pulpit use. Our exegetical work thus includes Biblical homiletics and inductive studies in preaching. We explore the Bible not for its "obscure origins," but for its plain contents. In fact, we do not study *about* the Bible but *in* the Bible. We are exegetes not merely for the sake of scholarship, but mainly for the sake of service and this, in actual sermon-building, based upon Scripture and illustrated by Scripture. Our aim is to suggest and exemplify the wise employment of the Bible in preaching and pastoral work and also to accumulate and classify the best Scriptures for efficient use in the ministry.

J. M. & S. 3, Year. PROFESSOR WOODBURY.

O. T. 4. **ELEMENTARY HEBREW:** The course aims to impart a working knowledge of the language. The inductive method is used.

Text-books: Harper's Elements and Methods.

J. 3, Year. PROFESSOR JACKSON.

O. T. 5. **EXEGESIS OF THE HEBREW OLD TESTAMENT:** Carefully selected passages are read in order to illustrate and enforce the great truths of the Old Testament.

M. & S. 2, Year. PROFESSOR JACKSON.

N. T. 4. **EXEGESIS OF THE GREEK NEW TESTAMENT:** 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.

M. & S. 2, Year. PROFESSOR PRATT.

HISTORY

O. T. 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.

Text-Books: Blaikie's Bible History, Stanley's History of the Jewish Church; Smith's Old and New Testament History; History of the Hebrews, by Saunders.

J. 2., 2 Sem. PROFESSOR BROWN.

N. T. 2. NEW TESTAMENT HISTORY: 1. A preliminary study of the Persian, of the Greek, of the Maccabean and Roman Ages. 2. Various methods of studying the life of Jesus. 3. Introduction: (a) Note historical background, (b) Sources, (c) Preparation and Ministry, (d) The Gospels as Literature.

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.

M. 1, 2 Sem. PROFESSOR BROWN.

Ch. H. 1. CHURCH HISTORY I. 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 Spread of the Reformation; the Counter Reformation; Trent; Theology of the Lutheran Reformed and English Churches.

Books of study and reference: General histories of Fisher, Hurst, Schaff; History of Creeds, Curtis and Schaff; History of Doctrine, Fisher, Harnack, McGiffert, Moore.

M. 4, Year. PROFESSOR PRATT.

Ch. H. 2. CHURCH HISTORY II. The Transition and Modern Eras. The Evangelical Movement; The Philosophical Movement; Theological Tendencies in the Nineteenth Century; The American churches to-day.

S. 2, 1 Sem. PROFESSOR PRATT.

Ch. H. 3. HISTORY OF 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.

Books of study and reference: Bliss' Encyclopedia of Missions; Beach's Missionary Geography and Atlas; Books on Africa.

S. 2, 2 Sem. PROFESSOR PRATT.

SOCIOLOGY AND ETHICS

Soc. 1. SOCIOLOGY I. The course aims to prepare the minister to apply Christian truth to society. The relation of Sociology to other sciences, the development of typical social institutions and modern social problems are studied. Theses on assigned topics are required.

Books of Study and Reference: Works of Ellwood, Small, Giddings, Nearing, Hayes, Strayer.

J. 3, Year. PROFESSOR PRATT.

Soc. 2. SOCIOLOGY II: Social Survey Methods are studied. A historical review of the social transformations wrought by Christianity is given. The relation of the church to social problems is discussed. A review of a standard book dealing with the Christian solution of some social question is required of each student.

S. 1, 1 Sem. PROFESSOR PRATT.

Soc. 3. 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 about him for helping the whole man, as well as the whole body of men.

As a fitting introduction to this modern day practical service among the churches we study the Hebrew social institutions as found in the Old Testament and seek to discover the attitude of Jesus toward social institution in the New Testament. The special social service efforts now in operation are studied and discussed. A workable program is also presented.

S. 2, 2 Sem. PROFESSOR BROWN.

Ph. 2. ETHICS: In this course the nature of the moral life is investigated, and the growth and development of moral ideals and character are traced from instinctive and primitive forms of conduct to the forms known to-day. The highest principles of conduct and the highest good are sought and forms of individual and institutional life are criticized in their light.

An introduction to this course is found in the study of the history of philosophy taken in the first semester.

J. 2, 2 Sem. PROFESSOR COOK.

PHILOSOPHY AND THEOLOGY

Ph. 1. INTRODUCTION TO PHILOSOPHY: No one can properly understand theology without some knowledge of the fundamental problems of philosophy and the various solutions which have been offered. The method pursued in this course is to study the history of philosophy and of the most important philosophers in brief outline, thus become acquainted with philosophical problems, first in their simpler forms and with their more naive answers, and so prepare the way for the more complex problems and more profound solutions. The method in the course is that of lecture and discussion, on the basis of a syllabus furnished, and outside study of text and reference books.

Books of Study and Reference: Weber's History of Philosophy; Roger's Student's History of Philosophy; Bakewell's Source Book in Ancient Philosophy; Thacher's Library of Original Sources.

J. 4, 1 Sem. PROFESSOR COOK.

Ph. 3. PSYCHOLOGY OF RELIGION: Religion is primarily a matter of the spirit or soul, and in order to understand the various phenomena of religion, such as Conversion, Revelation, the rise of the ideas of and faith in God, prayer, immortality, etc., it is necessary for the preacher and teacher of religion to know the nature of these phenomena and the

laws describing their occurrence. Coe's *The Psychology of Religion* is used as a text-book. This course will usually be given in alternate years with that of the *History of Religion*. In accordance with this plan it will be omitted in 1918-19.

S. 2, 1 Sem.

Th. 1. INTRODUCTION TO THEOLOGY: This course is intended first to give to students entering the Junior year, information about the various branches of theological study and the best methods of studying, memorizing, keeping notes, etc., and then to prepare the class for the study of systematic theology by making clear the difference between knowledge and faith, and the proper tests of faith, outlining thus a method for theology, and finally, considering the proper use of the Bible in Theology and Religion, in the light of recent thought and knowledge, and of the needs of the present day.

Cook's *Christian Faith for Men of To-day* is used as text-book, and selected parts of other books are studied and discussed.

J. 2, 1 Sem. PROFESSOR COOK.

Th. 2 & Th. 3. SYSTEMATIC THEOLOGY: This course considers the great historic doctrines of Christianity, concerning God, his personality, attributes, providence, his work as Creator, the subject of miracles, the meaning of the doctrine of the trinity, and the problem of evil; then concerning Man, Sin and Salvation; then the Person and Work of Christ, and finally, the doctrines of the Church, its nature and work, the sacraments, prayer, and the last things, judgment and future life.

Text and Reference Books: Cook, *Christian Faith for Men of To-day*; Clarke, *Outlines of Christian Theology*; Brown, *Christian Theology in Outline*; Mackintosh, *Doctrine of the Person of Jesus Christ*; Fosdick, *The Manhood of the Master*. Much of this course is given in lectures, of which syllabus is furnished by the professor.

M. 2, Year; S. 2, Year. PROFESSOR COOK.

Hist. R. 1. INTRODUCTION TO THE HISTORY OF RELIGION: We cannot rightly understand or value the Christian religion, without some knowledge of the general nature and laws of development of religion as observable in primitive religion and the great historical religions other than Christianity. This course considers some of the principal features of primitive religion, and the laws of development of religion, different attempts which have been made to define religion and the best defini-

tion. It proposes the principles for the comparison of religions, and indicates the reasons for holding that Christianity is in the central line of progress and will continue there. Syllabus of lectures is furnished, and Wild's Evolution of the Hebrew People is studied as text-book.

J. 2, 2 Sem. PROFESSOR COOK.

Hist. R. 2. HISTORY OF RELIGIONS: A study of the great historical religions, as of China, Japan, Babylonia and Assyria, Egypt, Persia, Greece and Rome, and of Buddhism, Mohammedanism, and modern Hinduism, enables the student to see the common religious needs of men, the various ways in which men have attempted to satisfy them, and leads to a clear perception of the superiority of Christianity over all other forms. At the same time one learns to recognize that one God has been revealing Himself to all nations, as they were able to receive His revelation, and thus that He is not far from every one of us. An understanding of the great need for missionary work comes with a knowledge of the great defects of non-Christian religions, but the point of contact and the sympathetic attitude are also indicated. A study of Mormonism and Christian Science are also desirable for those who must meet the claims of these forms of religion in this country. During the past year Barton's The Religions of the World has been the principal text-book.

M. 2, 1 Sem. PROFESSOR COOK.

PRACTICAL THEOLOGY

Pr. Th. 1. ELEMENTARY HOMILETICS: Interpretation. Fundamental parts of sermon. Methods of sermon classification. Materials. Arrangement. Varieties of illustration. Applications, their forms and use. Exercises and discussions. Text-book, Broadus.

J. 2, Year. PROFESSOR WOODBURY.

Pr. Th. 2 & Pr. Th. 3. ADVANCED HOMILETICS: Inductive studies. Practice preaching with personal drill. Analysis of sermon plans, given out. Prescribed themes, collated and compared. Constant individual sermon criticism. Varied methods of preparation and delivery. Lectures, with free conversational conferences. Psychological principles in the management of audiences. Lessons from successful preachers. Discussion of their precepts. Study of the literature of persuasion. Personal elements of power.

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.

Books of Study and Reference: Rhetoric; Hill, Phelps, Genung and Bascom. Homiletics: Broadus, Pattison, Phelps, Kern, Beecher, Spurgeon, Breed, Brastow, Johnson and Quayle. Pastoral Theology: Gladden, Hoppin, Kidder and Ellicott.

M. 3 & S. 3, Year. PROFESSOR WOODBURY.

Pr. Th. 4. 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.

J., M. & S. 1, Year. PROFESSOR GREGORY.

Pr. Th. 5. PASTORAL THEOLOGY: Lectures and Conferences. Importance. Selection of field. Planting new church. Preaching on trial. A call. Arrangements, details, health, expenses, support. Church at work, Hindrances, Organization, Cautions and suggestions. Church finances, methods. Discipline. Resignation. Relations to other pastors. Ministers' meetings. Weddings and funerals. Pastoral visitation. Community service.

Public Worship. Review of principles and methods. Public prayers. The sacraments. Special services.

S. 1, 2 Sem. PROFESSOR WOODBURY.

Pr. Th. 6. **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. I, Year. PROFESSOR WOODBURY.

Pr. Th. 7. **RELIGIOUS EDUCATION**: In his work as preacher and pastor and especially in his organization and care of the Sunday School and other works of Christian nurture, it is essential that the pastor should understand the laws of the growth and development of the spiritual life. To this end the student is instructed in the development of the child and youth, the different interests and capabilities at the different ages, and the methods most suitable at different times, for religious instruction and training.

S. 2, 2 Sem. PROFESSOR COOK.

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 should 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 1,657 students — 1,002 medical, 371 dental, and 284 pharmaceutical. In conformity with the spirit of the charter of the University, the Medical Department, including the Medical, Dental and Pharmaceutical 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 Fifty-first Annual Session will begin October 1, 1918, and continue until June 11, 1919.

WASHINGTON CITY

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 Sundays 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 pharmaceutical 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 pharmaceutical 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.

GENERAL INFORMATION

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 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.

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 diseases 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 SCHOOL

The Medical School 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.

RULES GOVERNING THE STANDING OF STUDENTS

The marking of students, which is in accordance with the rules of the Association of American Medical Colleges, is as follows: A, Excellent;

B, Good ; C, Passed ; D, Failed, must take examination over again ; E, must repeat the course.

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-MORTEMS

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

NOTE. There will probably be an increase of \$25 in the tuition of Medical and Dental Students and \$10 in the tuition of Pharmaceutic students.

The 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>i. e.</i> , for all new students.....	\$ 5.00
Matriculation, <i>i. e.</i> , 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	10.00
Tuition, Pharmaceutical College, per session	80.00
Laboratory fee	10.00
Graduation fee	7.00
Library and Athletic fees	5.00

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.*

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 I. "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 I, 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 COMING TO 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 ADVISES PROSPECTIVE STUDENTS NOT 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 PURSUED ONLY BY THOSE WHO DEVOTE ALL OF THEIR TIME TO IT.

IV. WITH THE APPROVAL OF THE TRUSTEES OF HOWARD UNIVERSITY A COMBINATION COURSE IN MEDICINE HAS BEEN ARRANGED WITH VIRGINIA UNION UNIVERSITY, RICHMOND, VA., BY WHICH THE STUDENTS OF VIRGINIA UNION UNIVERSITY WHO HAVE TAKEN THE PROPER COURSE CAN AT THE END OF THEIR JUNIOR YEAR ENTER THE COLLEGE OF MEDICINE OF HOWARD UNIVERSITY, AND RECEIVE THE DEGREE OF A. B. OR B. S. FROM VIRGINIA UNION UPON COMPLETING SUCCESSFULLY THE FIRST YEAR OF MEDICAL STUDY. UPON COMPLETING SUCCESSFUL THE WHOLE MEDICAL COURSE THEY WILL RECEIVE THE DEGREE OF M. D. FROM HOWARD UNIVERSITY.

V. PROSPECTIVE MEDICAL, DENTAL OR PHAMACEUTICAL 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, FIFTH AND W STREETS, N. W., WASHINGTON, D. C.

MEDICAL COLLEGE

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

President.

EDWARD ARTHUR BALLOCH, A. M., M. D.,

*Dean; Professor of the Principles and Practice of Surgery and
Clinical Surgery, and Head of Department.*

DANIEL SMITH LAMB, M. D., LL. D.,

Vice-Dean; Professor of Anatomy, and Head of Department.

WILLIAM CLARENCE McNEILL, M. D.,

*Secretary and Treasurer; Professor of Gynecology and Head of
Department.*

NEIL FERGUSON GRAHAM, M. D., LL. D.

Professor Emeritus of Surgery.

CHARLES BURLEIGH PURVIS, M. D., LL. D.

Professor Emeritus Obstetrics and Gynecology.

WALTER WHEELER ALLEGER, M. D., Phar. D.

Professor Emeritus of Bacteriology.

COLLINS MARSHALL, M. D.,

*Professor of Pathology and Clinical Microscopy, and Head of
Department.*

PAUL BARTSCH, M. S., Ph. D.

*Professor of Histology, and Physiologic Chemistry; Lecturer on
Medical Zoology, and Head of Department.*

JOHN WILLIAM MITCHELL, M. D., Phar. D.

*Professor of Materia Medica and Therapeutics, and Head of
Department.*

HENRY PICKERING PARKER, M. D.

Professor of the Principles and Practice of Medicine and Head of Department.

ERNEST EVERETT JUST, Ph. D.,

Professor of Physiology, and Head of Department.

EDWARD DAVIS WILLISTON, M. D.

Professor of Obstetrics and Head of Department.

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Professor of Pediatrics and Clinical Pediatrics.

ROY DELAPHAINE ADAMS, M. D.

Professor of Bacteriology.

WILLIAM CREIGHTON WOODWARD, M. D.

Professor of Medical Jurisprudence.

WILLIAM ALONZO WARFIELD, M. D.

Professor of Abdominal Surgery; Surgeon in Charge of Freedmen's Hospital.

JAMES JULIUS RICHARDSON, M. D.

Professor of Otology, Laryngology and Rhinology.

WILLIAM GAGE ERVING, M. D.

Professor of Orthopedic Surgery.

HARRY ATWOOD FOWLER, M. D.

Professor of Genito-Urinary Diseases.

HENRY HONEYMAN HAZEN, M. D.

Professor of Dermatology.

CHARLES IGNATIUS WEST, M. D.

Associate Professor of Anatomy.

AUSTIN MAURICE CURTIS, A. M., M. D.

Associate Professor of Surgery.

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.

TOM ALFRED WILLIAMS, M. B., C. M.

Lecturer on Nervous and Mental Diseases.

THOMAS E. JONES, M. D.

Lecturer on Anaesthesia.

JAMES C. DOWLING, M. D.,

Clinical Instructor in Ophthalmology.

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 Otolaryngology and Rhinology.

PETER M. MURRAY, M. D.

Clinical Assistant in Surgery.

REQUIREMENTS FOR ADMISSION TO HOWARD UNIVERSITY MEDICAL COLLEGE.

An 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 study of the subjects mentioned below, under the conditions stated:

I. That he has completed in a satisfactory way the Chemical-Biological course which leads to the A. B. degree in this University.

II. That he possesses a degree in Arts or Science from an approved College or Scientific School, or is a graduate of approved High School, and who furnishes a satisfactory certificate, showing that he has 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.

Zoology lecture courses in general zoology and 180 hours of laboratory work, and has had two years of college work in French or German.

III. That he gives evidence by examination that he possesses the general education implied by a degree in Arts or Science from an approved college or scientific school, and in addition, has the required work in French, German, Latin, physics, chemistry and zoology 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 STUDIES OF THE APPLICANT.

CERTIFICATES

APPLICANTS ARE REQUIRED TO FURNISH DETAILED CERTIFICATES FROM OFFICERS OF THE COLLEGES 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 a half.

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.

Zoology—two units.

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; or
Zoology lecture courses in general zoology 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 have had two years' college work in French or German.

Group VI**Latin—2 units.**

(a) Grammar.

(b) Prose Composition.

(c) Reading—Four books of Cæsar's Gallic War.

For those prospective medical students who cannot meet the above requirements, a seven 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 Medical College 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.

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, a student from another medical college recognized by this institution may be admitted to advanced standing under the following conditions:

First: He must present a letter of honorable dismissal from the school he attended, showing that he was in good standing and that all his bills were paid.

Second: He must present satisfactory evidence that he has, at the time he enters this College, fully completed the preliminary educational requirements for admission to the School.

Third. He must present credentials from the Dean or Secretary of the college which he has attended, properly signed and sealed, showing that he has been a registered medical student, and in residence for the time for which credit is sought.

Fourth: He must present satisfactory evidence from the college attended, showing that the amount and character of work he has completed is such as to entitle him to the advanced standing he seeks 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 students may be allowed to complete a course for the medical degree in not less than 30 months, provided he completes the remainder of the medical curriculum in that time.

CURRICULUM

The curriculum comprises Anatomy, Histology, Embryology, *Materia Medica*, Physiology, Physiologic Chemistry, Pharmacology, Toxicology, Urinalysis, Bacteriology, Dietetics, Electro-Therapeutics, Hygiene, Medi-

cal Zoology, Pathology, Therapeutics, Clinical Microscopy, Dermatology, Minor Surgery, Obstetrics, Ophthalmology, Orthopedics, Pediatrics, Physical Diagnosis, Practice of Medicine, Surgery, Anaesthetics, Genito-Urinary Diseases, Gynecology, Laryngology, Otology, Rhinology, Medical Jurisprudence, Mental and Nervous Diseases, Tropical Medicine, and Post Mortem Work.

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, Embryology, Histology, Physiology, Physiological Chemistry, *Materia Medica*, Pharmacology. For Sophomores, Anatomy, Physiology, Urinalysis, Hygiene, Dietetics, Therapeutics, Toxicology, Bacteriology, Electro-therapeutics, General Pathology, Medical Zoology and Physical Diagnosis. For Juniors, Obstetrics, Practice of Medicine, Pediatrics, Surgery, Physical Diagnosis, Pathology, Dermatology, Clinical Microscopy, Ophthalmology and Orthopedics. For Seniors, Practice of Medicine, Surgery, Gynecology, Ophthalmology, 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, and shall have attended four courses of lectures, etc., above described, at some regular medical college, the senior course at least being at this College. They shall pass the final examination, 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.

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 session.

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.

PHYSIOLOGIC CHEMISTRY.—Lectures, 1 hour; laboratory work, 3 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 a week for the second semester.

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.—2 hours of recitation and 12 hours of laboratory work 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.

PRACTICE OF MEDICINE.—Lectures, 4 hours; clinics, 6 hours 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, 2 hours a week for second semester.

SURGICAL ANATOMY.—Two hours a week for the first 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.—Clinics, 4 hours a week for the session.

MEDICAL JURISPRUDENCE.—Twelve lectures during the session.

MENTAL AND NERVOUS DISEASES.—Clinics, 4 hours a week for the session.

OTOLOGY AND LARYNGOLOGY.—Lecture, 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 in February.

POST-MORTEMS.—As often as practicable.

APPLIED ANATOMY.—Two hours a week for second semester.

THE 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.
- ANDREW JOHN BROWN, D. D. S.,
*Vice-Dean; Professor of Operative Dentistry and Operative
Technic.*
- WILLIAM CLARENCE McNEILL, M. D.,
Secretary and Treasurer.
- CLARENCE HENRY HOWLAND, D. D. S.,
Professor Emeritus of Dental Anatomy and Pathology.
- HENRY PORTER DAVIS, D. D. S.,
*Professor of Prosthetic Dentistry, Dental Metallurgy and Pros-
thetic 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.
- HERBERT O. HOPKINS, D. D. S.;
Lecturer on Orthodontia.
- DANIEL SMITH LAMB, A. M., M. D., LL. D.,
Professor of Anatomy.
- COLLINS MARSHALL, M. D.,
Professor of Pathology.

- PAUL BARTSCH, M. S., Ph. D.,
Professor of Histology and Physiologic Chemistry.
- ROY DELAPLAINE ADAMS, M. D.,
Professor of Bacteriology and Director of Bacteriologic Laboratory.
- HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.
- JOHN WILLIAM MITCHELL, M. D., PHAR. D.,
Professor of Materia Medica and Therapeutics.
- ERNEST EVERETT JUST, Ph. D.,
Professor of Physiology.
- CHARLES IGNATIUS WEST, M. D.,
Associate Professor of Anatomy.
- ALBERT RIDGELEY, M. D.,
Associate Professor in Charge of Practical Anatomy, and Demonstrator.
- EDWARD DAVID WILLISTON, A. M., M. D.,
Lecturer on Dental Jurisprudence.
- ARTHUR LEO CURTIS, M. D.,
Lecture on Physical Diagnosis and Anaesthesia.
- RAYMOND B. THOMAS, D. D. S.
Demonstrator in Dental Infirmary.

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 the 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, at 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 senior 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 four 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, Anæsthesia, Physiology, Histology, Materia Medica, Therapeutics, Chemistry, Toxicology, Metal-

lurgy, Oral Surgery, Operative and Prosthetic Dentistry, Dental Technic, Pathology, Bacteriology, Hygiene, Orthodontia, Radiography 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 and 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 a free scholarship in the Dental College to graduates of the Dunbar High School and the Armstrong Manual Training School, Washington, D. C. The recipient of these scholarships is to be named by the Faculty Council of this Collège 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 four 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 third year instruction is in Oral Surgery, Dental Medicine, Orthodontia, Crowns and Bridges, including Porcelain Work, General Anaesthesia and Prosthetic Dentistry and Hygiene.

FOURTH YEAR

Instruction in the fourth year will be mainly practical Infirmary work, and consists of Operative and Prosthetic Dentistry, Radiography, Electricity and Dental Jurisprudence.

DENTAL INFIRMARY

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 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, the cost of which will not exceed \$20.00, will be furnished to first-year students.

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.

THE PHARMACEUTIC COLLEGE

FACULTY

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

EDWARD ARTHUR BALLOCH, A. M., M. D.,
Dean

JAMES HERVE PURDY, Phar. D.,
*Vice-Dean; Professor of Pharmacy, and in charge of Pharmaceutical
Laboratory.*

WILLIAM CLARENCE McNEILL, M. D.,
Secretary and Treasurer.

EDGAR BURNETT KEEMER, Phar. C.,
Professor of Theory and Practice of Pharmacy.

JOHN WILLIAM MITCHELL, M. D., Phar. D.,
Professor of Materia Medica and Therapeutics.

HERBERT CLAY SCURLOCK, A. M., M. D.,
Professor of Chemistry, Toxicology and Urinalysis.

ERNEST EVERETT JUST, A. B., Ph. D.,
Professor of Physiology.

ROY DELAPHAINE ADAMS, M. D.,
Professor of Bacteriology.

DANIEL HAYWOOD SMITH, Phar. D.,
Assistant in Pharmacy.

ADVANTAGES

It is a 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.

REQUIREMENTS FOR ADMISSION

Applicants for admission must present a certificate of good moral character and fitness to enter upon the study of pharmacy, must be at least seventeen years of age, and must present evidence of having completed satisfactorily four full years of work in an accredited high school, or its equivalent.

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 a free scholarship in the Pharmaceutic College to graduates of the Dunbar High School and the Armstrong Manual Training School. The recipient of this scholarship is to be named by the Faculty 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.

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 thirty-two 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 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, will be 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 the 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 GRADUATE IN PHARMACY (Phar. G.). Applicants for this degree must have had the required preliminary education, must 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 required fees.

POST-GRADUATE SCHOOL AND POLYCLINIC
FOR MEDICINE

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

EDWARD ARTHUR BALLOCH, A. M., M. D.,
Dean.

DANIEL SMITH LAMB, A. M., M. D., LL. D.,
Vice-Dean.

WILLIAM CLARENCE McNEILL, M. D.,
Secretary.

GENERAL STATEMENT

The *Eleventh Session* of the Howard University Post-Graduate School and Polyclinic will begin July 1, 1918, and continue six weeks. There will be two courses open to graduates of reputable Medical Colleges. A course in Operative Surgery and Gynecology on the Cadaver, and a course for experienced students on the human subject.

FEEs

The fees will be as follows: For the entire 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.

THE SCHOOL OF LAW

FACULTY

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

President.

BENJAMIN FARNSWORTH LEIGHTON, LL. D.,

Dean; Lecturer on Constitutional and Statutory Law, and Contracts; 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 Pleading and Practice; also Judge of Appellate Court.

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.,

Lecturer on the Law of Contracts and Instructor in American Cases on Contracts.

ANDREW WILSON, Ph. D., D. C. L.,

Lecturer on Equity, Pleading and Practice, Brief Making and Legal Bibliography.

JAMES ADLAI COBB, Pd. B., LL. M.,

Lecturer on Commercial Paper.

TRACY LILLIE JEFFORDS, Ph. B., LL. B., LL. D.,

Instructor in Cases on Contracts.

WILLIAM HENRY RICHARDS, LL. M.,

Librarian.

OLLIE MAY COOPER,

Clerk.

* On leave of absence during war.

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 Clerk, 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.

With the approval of the Trustees of Howard University a combination course in law has been arranged with Virginia Union University, Richmond, Va., by which the students of Virginia Union University, who have taken the proper course can at the end of their junior year enter the School of Law of Howard University, and receive the degree of A. B. or B. S. from Virginia Union upon completing successfully the first year of the study of law. Upon completing successfully the whole law course, they will receive the degree of LL. B. from Howard University.

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: *Blackstone's Commentaries*; Hawley and McGregor on *Real Property*; Darlington's *Personal Property*; Lawson on *Contracts*, enlarged edition; Ogden's *Negotiable Instruments*; Long 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; Hawley and McGregor on *Real Property*; Wambaugh's *Study of Cases*; *American Cases on Contracts*, by Huffcutt 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; Crosswell's *Executors and Administrators*; Woolsey 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 P. M. 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 the three year course. And Callaghan & Company the Cyclopedic Law Dictionary to the student of the Senior Class who shall take the next highest scholarship honor.

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, \$2; athletic fee, \$3, 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

HOWARD UNIVERSITY LAW SCHOOL,
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.

Instructor in German.

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 French and Spanish.

MARY EDNA BROWN, A. M.

Instructor in English and Mathematics.

*LOUIS HEZEKIAH RUSSELL, A. M.,

Instructor in Chemistry and Physics.

ANNIE LAURIE McCARY, A. B.,

Acting Instructor in French, History and Biology.

ETHEL CORNELIA WILKINSON, B. S.,

Acting Instructor in Mathematics.

JOHN GORDON DINGLE, A. B.,

Acting Instructor in Physics and Chemistry.

ELSIE HETTA BROWN, A. B.,

Acting Instructor in History.

‡PEDRO LASCOT,

Acting Instructor in Spanish.

JOSE' ANTONIO LANAUZE,

Acting Instructor in Spanish.

* On leave. Officer in National Army.

† Resigned October 3, 1917.

‡ Resigned January 9, 1918.

The following instructors in the School of Manual Arts and Applied Sciences give instruction to Academy classes as indicated.

*HAROLD APPO HAYNES, B. S., in E. E.,
Instructor in Mechanical Drawing.

MABEL MADISON JACKSON,
Instructor in Domestic Arts.

†HAIDEE WILLIAMSON SEWALL,
Instructor in Domestic Arts.

JAMES MACKEY MONTGOMERY, A. B.,
Instructor in Printing.

*WILLIAM NAYLOR BUCKNER,
Instructor in Woodworking and Drawing.

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.

*On leave; in National Army.

† Resigned.

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.

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.

ADVANCED STANDING

A student applying for advanced standing (*i. e.*, entering after the first year of the Academy course) must present at the Dean's office full and detailed records of work pursued in other schools of high school grade. 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.

Credit is given on Academy records for standard work done in an accredited high school or academy and properly certified to by the principal of the school where the work was completed, provided satisfactory progress is made along the line of work in which credit is sought.

CLASSIFICATION OF STUDENTS

Academy students are classified according to the following plan:

(a) JUNIORS. All students who have less than three units of preparatory credit.

(b) SUB-MIDLERS. Those who have completed three and less than seven units of preparatory work.

(c) **MIDDLES.** Those who have completed seven and less than eleven units of preparatory work.

(d) **SENIORS.** All who have eleven units of preparatory credit.

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.

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 or with five periods of forty-five minutes each per week, and constituting, approximately a quarter of a full year's work. 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 units of mathematics, and one unit of history and five elective units, of which elective units one must be History III, if the student has not already had American history and civics.

Not less than two units of any foreign language, except Spanish, will be allowed to count toward graduation.

Every student registered in the Academy who has honorably met these requirements and who has been in attendance upon Academy classes for at least one year, is eligible for graduation with the diploma of the Academy.

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.

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 courses, with few exceptions, begin at the opening of the school year. Those not entering upon their studies promptly 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.

REPORTS TO PARENTS

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.

Advisory marks are given each student by each instructor immediately after Thanksgiving recess and also after Easter vacation.

OUTLINE OF COURSES OF STUDY

JUNIOR YEAR

CLASSICAL		SCIENTIFIC	
	Hours		Hours
English I	4	English I	4
Latin I	4	Latin I	4
Mathematics I	4	Mathematics I	4
History I	4	History I	4
Drawing I	2	Drawing I	2
Physical Training	2	Physical Training	2
Manual Training I	2	Manual Training I	2

SUB-MIDDLE YEAR

CLASSICAL		SCIENTIFIC	
	Hours		Hours
English II	4	English II	4
Latin II	4	Latin II	4
Mathematics II	4	Mathematics II	4
History II	4	History II	4
Drawing II	2	Drawing II	2
Physical Training	2	Physical Training	2
Manual Training II	2	Manual Training II	2

MIDDLE YEAR

CLASSICAL		SCIENTIFIC	
	Hours		Hours
English III.....	4	English III.....	4
Latin III	4	Mathematics III (1st Semi) } 4	
Greek I	5	Physiography (2nd Sem.) }	
Physical Training	2	Physics	5
		Physical Training	2
Elect One		Elect One	
Physics	5	Latin III	4
Mathematics III (1st Sem.) } 4		German I	4
Physiography (2nd Sem.) }		French I	4

SENIOR YEAR

CLASSICAL		SCIENTIFIC	
	Hours		Hours
English IV	4	English IV	4
Latin IV	4	Physical Training	2
Greek II	4	Elect One	
Physical Training	2	Latin IV	4
Elect One		German II	4
History III	4	French II	4
Spanish	4	Elect Two	
Chemistry	5	Mathematics IV	4
Biology	5	Chemistry	5
		Biology	5
		History III	4
		Spanish	4

DESCRIPTION OF COURSES

ENGLISH

Preparation in English has two main objects; (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

I. Grammar: Grammatical forms.

Composition and Rhetoric: Short themes, oral and written; capitalization, punctuation, elementary study of unity and coherence.

Literature: Ashmun's *Prose Literature for Secondary Schools*; Arnold's *Sohrab and Rustum*; Stevenson's *Treasure Island*.

II. Grammar: Analysis, study of verb forms.

Composition and Rhetoric: Short themes, oral and written, study of unity, coherence and emphasis, study of paragraph development.

Literature: Shakespeare's *Julius Caesar*; Scott's *Lady of the Lake* and *Ivanhoe*.

III. Grammar: Continuation of analysis.

Composition and Rhetoric: Figures of speech, metrical forms, themes, continuation of paragraph development.

Literature:

For study. Milton's *L'Allegro, IlPenseroso* and *Comus*.

Special Reading. Goldsmith's *Deserted Village*, *The Traveller*, Coleridge's *Ancient Mariner*, *Christobel*, and *Kubla Khan*.

IV. Grammar: Continuation of analysis, parsing, idiomatic and elliptical forms.

Composition and Rhetoric: Exposition and Argumentation.

Literature:

For Study. Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Life of Samuel Johnson*; Shakespeare's *Macbeth*.

Special Reading. Washington's *Farewell Address*; Carlyle's *Essay on Burns*.

Supplementary reading throughout the four years based upon the College Entrance Requirements in English.

Text-Books used for Composition and Rhetoric:

First year: Hanson's *A Two Years' Course in English Composition*.

Second, third and fourth years: Genung and Hanson's "*Outlines of Composition and Rhetoric*."

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 Aeneid 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 Aeneas. 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. There is daily drill in oral and written exercises. Careful attention is given to mastery of forms and to the study of syntax. The Greek lessons are completed in the second semester, and Xenophon's Anabasis is begun.

Texts: White's First Greek Book, Goodwin's Greek Grammar and Goodwin's Anabasis.

II. In this course four books of the Anabasis are completed, with systematic review of forms and syntax. The course covers also three books of Homer's Iliad. Thorough practice is given in prosody and scanning.

Text: Sterrit's Homer's Iliad.

GERMAN

I. The work of this course consists of a study of pronunciation and the elementary principles of grammar. Constant effort is made to promote familiarity with the language by reading, speaking, translation at sight and hearing, and simple composition. About 200 pages of text are read.

Texts: Bacon's *New German Grammar*, Kauff's *Das Kalte Herz*, Von Hillern's *Höher als die Kirche*, Storm's *Immensee*.

II. This course is a continuation of practice in speaking and writing the language, and of drill in grammar and the use of idioms. Much attention is given to composition. About 300 pages of text are read.

Texts: Bacon's *German Composition*; Heyse's *L'Arrabiata*, *Drei Kleine Lustspiele*, Eichendorff's *Aus dem Leben eines Taugenichts*, Schiller's *Wilhelm Tell*.

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.

Open to Seniors only.

MATHEMATICS

I. Elementary Algebra. This course comprises the study of Elementary Algebra to quadratics, covering the four fundamental opera-

tions: 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: Hawkes-Luby-Touton's First Course in 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. Intermediate Algebra. This course embraces the study of quadratics, including simultaneous quadratics, equations in the quadratic form, and covers ratio and proportion, the progressions, the binomial theorem for positive integral exponents, and logarithms.

Text: Hawkes-Luby-Touton's Second Course in Algebra.

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.

Text: Wentworth and Smith's Plane Trigonometry.

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 encourages 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.

Prerequisites: *Mathematics I and II*.

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 experi-

ments 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.

Prerequisites: Mathematics I and II.

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. Text-book, 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 textbooks 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 their uses. Constructive work in simple design for practice in accuracy in pencil and ink. Geometrical problems. Working drawings, their use and construction. Various views of geometrical solids and wood-turning work in working drawing. Dimensioning and lettering.

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 work of a printing office, including instruction and practice in composition (type-setting), 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: 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, 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

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 1917-'18 this scholarship was awarded to Lewis Keith Madison, Warrenton, 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 1917-1918 no award of this scholarship was made.

PRIZES

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 1916-'17 the C. C. Robertson prize of five (\$5.00) dollars for the highest grade of excellence in Plane Geometry was awarded to Gilbert Newton Thomas, Christobal, Canal Zone, Panama, and the C. C. Robertson prize of five \$(5.00) dollars for the highest grade of excellence in Elementary Algebra was awarded to Flossie Alberta Sadler, Clifton Forge, 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. For the year 1916-'17 this prize was awarded to Flossie Alberta Sadler, Clifton Forge, Va.

The Banneker Prize of five (\$5.00) dollars for sustained excellence in Physics and Chemistry for the year 1916-'17 was awarded to Lewis Keith Madison, Warrenton, Va.

The sum of fifty (\$50.00) dollars has been kindly donated by a friend of the Academy to be awarded as prizes for excellence of scholarship during the year 1916-'17. This amount was distributed as follows:

The prize of Ten (\$10.00) dollars in gold for the highest average above 85 per cent. in fourth year English was awarded to Lewis Keith Madison, Warrenton, Va.

The prize of Ten (\$10.00) dollars in gold for the highest average above 85 per cent. in third year English was awarded to Gilbert Newton Thomas, Christobal, Canal Zone, Panama.

The prize of Ten (\$10.00) dollars in gold for the highest average above 85 per cent. in second year English was awarded to Zephaniah Alexander Looby, Parkam, B. W. I.

The prize of Ten (\$10.00) dollars in gold for the highest average above 85 per cent. in fourth year Latin and second year Greek combined, was awarded to Leon Austin Berry, Conowingo, Md.

The prize of Ten (\$10.00) dollars in gold for the highest average above 85 per cent. in first year Greek was awarded to John Wesley Harmon, Dover, Delaware.

This friend has again offered the sum of fifty (\$50.00) dollars to be awarded as prizes for excellence of scholarship during the year 1917-'18.

A prize of five (\$5.00) dollars was awarded for proficiency in Spanish to Holquina James Peterson, St. Andres, Republic of Columbia.

No student whose average for the year in the subject named does not reach 85 per cent. is eligible to receive a prize in that subject.

A student taking two courses in any subject is constructively a repeater in the lower course, and therefore is ineligible for the prize in either course.

In awarding a prize, in addition to scholarship, the Faculty will consider regularity of attendance, punctuality and general deportment of the competing students.

EXTRA CURRICULUM ACTIVITIES

These activities of the student embrace the following:

- (a) Membership in any of the Academy athletic teams.
- (b) Sharing the honor of representing the Academy in any interscholastic event.
- (c) Being an officer of the Herald, of a literary society or of a class.
- (d) Being the recipient of any student honor.

Only those students are eligible to participate in any of these activities who are carrying not less than sixteen hours of class room work, who have no entrance or other conditions, whose attendance is regular and whose general conduct is satisfactory.

Athletic eligibility must be certified to by the Dean.

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.

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.

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.

MISCELLANEOUS INFORMATION

Every regularly classified Academy student is required to carry the full schedule of sixteen hours of recitation per week, unless excused from this requirement by written permission of the Dean. No student, who has an entrance condition, or whose average during the preceding semester falls below 75 per cent. will be allowed to carry five subjects. No student may discontinue or change a study without the written approval of the Dean.

If any student in the Senior Class of the Academy shall fail to complete the required number of units for graduation, the Dean, in his discretion, may recommend such student to take appropriate advanced work in the School of Liberal Arts. All such deficiencies must be made up during the year in which he pursues his Freshman course; otherwise no further advanced privileges will be granted until all unfinished secondary work has been completed. Registration as an Academy student will continue until all such delinquencies are removed.

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.

Permission to go home or to leave the city will be granted by the Dean when a satisfactory reason is given.

SELF-HELP

There are many ways in which a boy can help himself. While no assurance is given in any particular case, yet it can be truthfully said that every energetic, faithful boy always finds a job. The Y. M. C. A. has an employment bureau which aims to secure employment for needy students.

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 Organisation and Typewriting.

ANNA MINER CECIL,
Instructor in Bookkeeping and Commercial Arithmetic.

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

*CLARENCE BENJAMIN CURLEY, A. B., LL. B.,
Instructor in Mathematics and Commercial Geography.

FLORENCE MILTON DYKES, A. B.,
Acting Instructor in English.

ISABELLE VIRGINIA HALL,
Acting Instructor in Penmanship.

* On leave of absence during the war.

GENERAL STATEMENT

The need for American men and women, well-grounded in the theory as well as trained in the routine of business, has never been so imperative, as it is to-day. To furnish such men and women is the purpose of the Commercial College. At present the Commercial College offers detailed preparation for such positions as those of bookkeeper and stenographer, and a firm foundation for advanced study in business administration. All subjects offered in the curriculum are thoroughly practical and are co-ordinated in such a way that a student may receive thorough instruction.

Persons who have completed the standard grammar grades are eligible for admission to the Commercial College, subject to examination. Persons who have completed in part or in full a high school course may enter the Commercial College with advanced standing, provided such standing is acceptable to the Committee on Entrance. Students in other departments of the University may elect special subjects in the Commercial College.

ADVANTAGES

The Commercial College shares all the educational advantages of the capital of the nation. Its students have free access to the city library and the Library of Congress, and to much original information in the many departments and bureaus of the government.

COURSES

The Commercial College offers two four-year courses leading to diplomas: the Accounting Course and the Secretarial Course. The Accounting Course is designed to prepare students for bookkeeping and lays a foundation for further study in accountancy. The Secretarial Course prepares students for stenography and lays a foundation for further study. By the system of Electives a student in the Accountancy Course may elect special subjects offered in the Secretarial Course; and *vice versa*. In this way, a student without sacrificing his regular work, may obtain a foundation of general business principles.

A unit represents a year's study in any subject that is pursued for 4 or 5 periods a week. Seventeen units are required for graduation.

HOWARD UNIVERSITY

COURSES AND UNITS

SECRETARIAL

ACCOUNTING

FIRST YEAR

First Semester

First Semester

	Hours	Units
English I	5	½
Com'l Arith. I	5	½
Penmanship	4	½
Typewriting I	4	½
Manual Training ...	2	¼
Gen. Hist.	3	¼

	Hours	Units
English I	5	½
Com'l Arith. I	5	½
Penmanship	4	½
Typewriting	4	½
Manual Training ...	2	¼
Gen. Hist.	3	¼

Second Semester

Second Semester

English I	5	½
Com'l Arith. I	5	½
General History	3	½
Typewriting I	4	½
Manual Training ...	2	¼

English I	5	½
Com'l Arith. I	5	½
General History	3	½
Typewriting I	4	½
Manual Training ...	2	¼

4½

4½

SECOND YEAR

First Semester

First Semester

	Hours	Units
English II	4	½
Typewriting II	4	½
Mathematics II	3	¼
Bookkeeping I	5	½
Shorthand I	5	½

	Hours	Units
English II	4	½
Typewriting II	4	½
Mathematics II	3	¼
Bookkeeping I	5	½
Shorthand I	5	½

Second Semester

Second Semester

English II	4	½
Typewriting II	4	½
Mathematics II	3	¼
Bookkeeping I	5	½
Shorthand I	5	½

English II	4	½
Typewriting II	4	½
Mathematics II	3	¼
Bookkeeping I	5	½
Shorthand I	5	½

4½

4½

THIRD YEAR

SECRETARIAL

First Semester

	Hours	Units
English III	4	½
Shorthand II	5	½
Economics	3	¼
Com'l Geography	3	¼
Elective	5	½

Second Semester

English III	4	½
Shorthand II	5	½
Economics	3	¼
Com'l History	3	¼
Elective	5	½

4

ACCOUNTING

First Semester

	Hours	Units
English III	4	½
Bookkeeping II	5	½
Economics	3	¼
Math. III or an		
Elective	3	¼
Elective	5	½

Second Semester

English III	4	½
Bookkeeping II	5	½
Economics	3	¼
Elective	3	¼
Elective	5	½

4

ELECTIVES

Typewriting	Shorthand
Bookkeeping	Com'l Geography
German	French
Spanish	Latin
Physics	Chemistry

FOURTH YEAR

SECRETARIAL

First Semester

	Hours	Units
English IV	4	½
Shorthand III	5	½
Com'l Law	4	½
U. S. History	3	¼
Elective	3	¼

ACCOUNTING

First Semester

	Hours	Units
English IV	4	½
Bookkeeping III	6	½
Com'l Law	4	½
U. S. History	3	¼
Elective	3	¼

Second Semester			Second Semester		
English IV	4	½	English IV	4	½
Shorthand III	5	½	Bookkeeping III	6	½
Salesmanship	3	¼	Salesmanship	3	¼
Bus. Organization...	2	¼	Bus. Organization...	2	¼
U. S. History	3	¼	U. S. History	3	¼
Elective	3	¼	Elective	3	¼
<hr/>			<hr/>		
4			4		

ELECTIVES

German	Trigonometry
Latin	Algebra
Spanish	Physics
Bookkeeping	Chemistry
Shorthand	French

UNITS FOR GRADUATION, 17

UNITS FOR GRADUATION, 17

DESCRIPTION OF STUDIES

STENOGRAPHY

Stenography is studied during the second, third and fourth years.

The system taught is the "Pitman," used by many of the best known Court and 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 semester of the second year.

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 mech-

anism 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 Constitutional and Commercial development of the United States is emphasized

Associate Professor Dyson.

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.

Mr. Curley.

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.

Salesmanship and Personal Efficiency. The aim is not only to emphasize the fundamental principles of salesmanship, but to take account of the larger scope of the field of selling as applied to personal activities. When it is possible actual work will follow theory.

Mr. Hines.

ENGLISH

English, from the standpoint of business usage, is stressed throughout both courses of the Commercial College. The aim is to teach the special requirements of English as it is used in the business world.

In addition, much attention is given to English from the standpoint of general educational value. The nature of this work approximates that done in English in reputable high schools.

No attempt is here made to outline in definite form the four-year course in English. The policy is to give individual attention to each student so far as it may be possible. What is accomplished depends largely upon the ability and previous preparation of the individual student.

Miss Dykes.

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. 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.

Mr. Curley.

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.

Miss Cecil, Mr. Curley.

PENMANSHIP

The Albert W. Clark method of teaching penmanship is used. The pupil is trained to acquire the habit of letter formation and movement. The aim is to teach pupils to write with ease, legibility, rapidity and endurance.

Miss Hall.

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 1917-18 to the student in the Senior class attaining the highest speed in Shorthand.

The Irene Johnson prize of \$5.00 will be awarded this year 1917-18 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.

The W. Avery Wood Prize of \$5.00 is offered this year (1917-'18) to the student in the Senior Class in Salesmanship writing the best original, constructive paper on any phase of "Personal Efficiency."

Publications

Commercial College Outlook
Studies of the Colored People in Business.

DEGREES AND DIPLOMAS CONFERRED

1917

COLLEGE OF ARTS AND SCIENCES

A. B.

Baumgardner, Luther Ovid
Brooks, Bernice Martha
Brown, Naomi Pearle
Connolly, Quesnel Albunyan
Davis, Monroe Hortensius
Dingle, Allan Lowery

Goodloe, Nathaniel Othello, Jr.
Hightower, Nathaniel Dornsetto
Miller, Ezekiel Henry
Simmons, Isaiah Frederick
Waugh, Geneva Athena

A. B. Cum Laude

Berry, John Lloyd
Brown, Elsie Hetta
Brown, Maude Ethylle
Hundley, Mary Sue
Minor, Marguerite Amanda

Nutt, Theresa Etna
Pollard, Ruth Elizabeth
Russell, Carrie Olivia
Washington, George Berlin

A. B. Honorable Mention

Curtis, Merrill Hargo
Dykes, Florence Milton
Hamilton, Frederick John

Heslip, Jesse Solomon
Murdock, Maud Cecelia

B. S.

Bennett, William Gordon
Camper, John Emory Toussaint
Christian, Albert Leonard
Collins, M. Vernon
Gooden, Earl Lucus

Hackett, Robert James
Penn, Robert Raymond
Saunders, Frank Augustus
Sealey, Merton Carlyle
Watson, Louis Lee, Jr.

B. S. Cum Laude

Polk, Charles Carrington

Tunnell, Victoria

B. S. Honorable Mention

Adams, Cato Wesley

TEACHERS COLLEGE

A. B. WITH BACHELOR'S DIPLOMA IN EDUCATION

Boyd, Nokomis Ellen Olden	Savage, William Sherman
Grinnage, Isabelle Morris	Swinson, Maude Earline
Hughes, Sydney Evelyn	Washington, Nellie Carrie Bell
Morton, Etta Leola	Weaver, Hazel Edna
Quarles, Lillian Dorothy	Wilson, Mary Eslanda

Cum Laude

Lawson, Earl Narlan

Magna Cum Laude

Baer, Jennie Emily

B. S. WITH BACHELOR'S DIPLOMA IN EDUCATION

Blackburn, Samuel Marcellus	Pinkard, John Henry
Gilbert, Lucile Wilhelmina	Stewart, Mary Lorene
Napper, Clarence Temple	Wade, Shirley Eggleston

Cum Laude

Hughson, Julian Seward	Perkins, Frank Howard
Waring, Mary Imogene	

NORMAL TRAINING DIPLOMA

Asbury, Edith Mae	Hyson, Anita Eleanor
Bickford, Mabel Elizabeth	Lawrence, Lillian Agatha
Curtis, Juanita Marie	Lewis, Melvina Beatrice
Fisher, Florence Catlette	Mitchell, Hattie Beatrice
Greene, Tessie Rheta	Ross, Mary Emma

KINDERGARTEN TRAINING DIPLOMA

Ivey, Hattie Pauline	Peyton, Mary Miltoona
Terry, Rhena Elizabeth	

DOMESTIC SCIENCE DIPLOMA

Cooper, Jennie Theresa	Stitt, Willie Bell
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SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES

B. S. IN ELECTRICAL ENGINEERING

Piper, Percival Robert

CONSERVATORY OF MUSIC

Mus. B.

Evans, Lillian

Hughes, Revella Eudisia

SCHOOL OF THEOLOGY

B. D.

Bruyning, Samuel Coston-Cornelius	Grecian, Donawa Dudley
Bryant, Fletcher	Helm, Arrington Sylvester
Drake, John David	Laviscount, Samuel Leroy
Elmes, Arthur Fletcher	Lee, David Jonathan
Frisby, Clarence Webster	Shirley, Edwin Samuel
Georges, Elliott Irvine	Withrow, Chauncey Isaiah

DIPLOMA

Liggins, Elmer Louis

Marshall, James Monroe
Moore, Kid Leon

MEDICAL COLLEGE

M. D.

Booker, Lee Walls	Lennox, Porter Barry, A. B.
Burnett, Foster Flavorial, B. S.	Luck, Jeremiah, Jr., A. B.
Carroll, Daniel Harris, A. B.	Norcom, William Porter, A. B.
Cook, Frank Robert, B. S.	Primas, Howard Emmett
Gibbs, Jonathan Clarkson, A. B.	Quick, John Doward
Hughes, Hugh Price	Stitt, Richard Howard, A. B.
Keaton, James Max	

DENTAL COLLEGE

D. D. S.

Bailey, Richmond Napoleon	Lattimore, Oliver Louis
Barnes, George Spencer, B. S.	Lockley, Wesley Selester, Ed. B.
Benson, Ulysses Grant, A. B.	McNeill, Oliver Wendell Holmes

Bowser, Russell Linwood, A. B.	Nelson, Rembert Thomas
Cardwell, James Sidney	Norton, Carl Homer, B. S.
Christopher, Nina King	Parham, James Tunstall
Coleman, Charles Hiram	Parks, James Benson
Cooke, Frederick Cavastal	Rivers, Mark Edmond, A. B.
Cork, Leon Hudson	Ross, Blaine Wesley Garfield
Crosbie, Vernon Fitroy	Samuels, Herbert Charles
Firse, Dillard Jesse	Stone, Alphonso Delaney
Franklin, Sandy Thomas, A. B.	Strothers, Hulett Cordula
Gumbs, James Musgrave	Taylor, Royal Washington
Hackett, Robert James	Teabeau, Ralph Bartlett
Hayes, John Henry, A. B.	Van Leesten, Charles Rudolph
Hibbert, Walter Nathaniel	Watkins, Alice May
Holden, Percy Spafford, B. S.	Williams, William Henry, A. B.
Horne, Woody Lemuel	Zuazo, Virgilia Meneses

PHARMACEUTIC COLLEGE

Phar. D.

Cabell, Newell Atwood, A. B.	Selden, George Howell
Carr, John Calvin	Smith, Oscar Nathaniel
Chavis, Wellington Rufus	Toodle, Aaron Conklin
Harris, Andrew William	Walker, Lee Andrew
Mitchell, Beatrice Sedilla	Webb, Elias Samuel, Jr.
Pryce, Ulric Woodman	Williams, William Robert
Reid, Harry Wilson	Yancey, Abner Mitchell

SCHOOL OF LAW

LL. B.

Adams, George Cornelius	Hodges, Virnal Clingman
Baker, Jesse Nathaniel	Jones, James Turner
Bester, William Steverson	Lowe, Roy
Bunch, George	Moody, Eugene Hayes
Daniels, George Washington, A. B.	Moore, Herman Emmons, A. B.
Gray, George Howard, B. S.	Morgan, Constantine Adolphus
Hampton, John Henry	Nelson, Herbert Clower
Harrison, Robert Samuel	Pollard, William Augustus, A. B.
Henry, Josiah Francis, Jr.	Wilson, James Franklin, A. B.

ACADEMY

DIPLOMA

Adams, Claude	Hunter, William Ewart
Berry, Leon Austin	Johnson, James William
Brown, Willa Mae	Jones, Roy Cecil
Burke, William Tunnell	Keenan, Frederick Warner
Burris, Lyman Benson	McGriff, Augustus
Cameron, Katheryn Lee	Madison, Lewis Keith
Clarke, Clarence Lewis	Moss, Carlene Veronee
Coker, Clara Effal	Murphy, Kate Belle
Crawford, Waverly Lee	Nanton, Hugh Isidore
Donnelly, Arthur Lionel	Neal, Pearl Anna
Dyett, John Henry Russell	Neal, Spurgeon DeWitt
Edwards, Marie Attermease	Peterson, Holquina James
Elcock, John Alfred	Peyton, Isaac Smith Terrell
Ewing, Johnnie Nazarine	Sanford, Charles Butler
Fredericks, Edward Thomas	Smith, Myra Lyle
Gibson, Samuel Hersey	Stewart, Seth Fred
Goodloe, Don Burroughs	Stowe, Arnold Edwin
Goodloe, Wallace Anderson	Tompkins, Richard Whitfield
Howse, Zenobia Alma	Woods, Lee Edward

COMMERCIAL COLLEGE

DIPLOMA

Blackmon, Claude W.	Glenn, Zilla M.
Bolling, Henry	Lowe, Roy L.
Clarke, Mary E.	Morgan, Embro
Clay, Lee T.	Opey, William G.
Golden, Theophilous W.	Taylor, Ethel
Copeland, William D.	Taylor, Eugene
Crosby, Sarah	Thomas, Mary E.
Drewitt, Zenova De Maund	Tucker, Meldrim
Foster, Obediah M.	Unthank, Harmon

STUDENTS

COLLEGE OF ARTS AND SCIENCES

SENIORS

Berry, Louis Hunton	Detroit, Mich.
Burke, Walter Spurgeon	Chester, Pa.
Byrd, DeReath Irene	Rochester, Pa.
Caine, Anna Mae	Fall River, Mass.
Calloway, Lettie Lucile	Glenn Dale, Md.
Camper, John Emory Toussaint	Baltimore, Md.
Carye, Richard Edmund	British West Indies
Carter, Marcus Hanna	Birmingham, Ala.
Chandler, Edith M.	Washington, D. C.
Coleman, Arthur Temple	Goodlaer, Va.
Coleman, Consuelo Louisa	Baltimore, Md.
Crutchfield, Burke Burnette	Wichita, Texas
Dismukes, Henry Dodford	Montgomery, Ala.
Doby, Lewis	Magnolia, Ala.
Dyett, Thomas Benjamin Darrell	British West Indies
Edwards, May Louise	Washington, D. C.
Freeman, Ruth Wilkerson	Baltimore, Md.
Hawk, Corrie Milton	Guthrie, Okla.
Herndon, Lillian Evelyn	Washington, D. C.
Hill, Grace Margaret	Catonsville, Md.
Holmes, Jr., Clarence Fitzhugh	Denver, Colo.
Howard, Charles Bartholomew	Wilkes-Barre, Pa.
Howard, Wioza Lee	Jacksonville, Texas
Hunter, Jerome Harvey	Chicago, Ill.
Jackson, Jr., Allen Francis	Washington, D. C.
Jackson, Burkie	Birmingham, Ala.
Jackson, William Henry	Charleston, S. C.
Jacobs, Malvenia Ethelyn	Sumter, S. C.
Key, George Raymond Francis	Washington, D. C.
Mason, Ruth Marguerite	Dallas, Texas
Miner, Uzziah	Fay, Okla.
Myers, Perry Greenberry	Washington, D. C.
Nelson, Thomas Bernard	Baltimore, Md.
Norman, Helena Portia	Washington, D. C.

Pelham, Gabrielle Dorothy	Washington, D. C.
Prout, Edna Marie	Bowie, Md.
Ross, Marshall Ellis	Newport, R. I.
Satterwhite, Cavassa	Washington, D. C.
Saunders, Frank Augustus	Baltimore, Md.
Sims, Pauline Jewette	Atlanta, Ga.
Smith, Adelaide Delaine	Ottawa, Ill.
Tancil, Leon Algernon	Alexandria, Va.
Taylor, Elsie Leigh	Manassas, Va.
Thomas, Julius Albert, Jr.	Charleston, W. Va.
Tucker, Jacob Trescott	Bermuda, B. W. I.
Webb, Mary Frances	Washington, D. C.
Wilson, Harry Inge	Danville, Va.
Young, Walton Whittied	Spartanburg, S. C.

JUNIORS

Baucum, William Charles	Wadesboro, N. C.
Beeks, Louis Kelly	Los Angeles, Cal.
Board, Nannie Goodall	Louisville, Ky.
Botts, Emanuel Rosson	Meadville, Mo.
Bowie, Edna Ellis	Washington, D. C.
Bragg, Oscar Hundley	Huntsville, Ala.
Brooks, Albert Don	Washington, D. C.
Brown, Thomas Jacob, Jr.	Washington, D. C.
Bruce, Kitty Bythewood	Washington, D. C.
Cash, Lucy Carr	Charleston, W. Va.
Chaires, George Slatrer	St. Augustine, Fla.
Cohran, Augusta Roberta	Washington, D. C.
Colum, Hezekiah Sumner	Menifee, Ark.
Cooper, Mamie Consuello	Washington, D. C.
Copeland, James Scotchfield	British Guiana
Craft, Julia Ellen	Charleston, S. C.
Darden, Manila	El Paso, Texas
Davis, Harvey Franklin	Chase City, Va.
Delph, Walter Ivey	Augusta, Ga.
DesMukes, Joberta Ida	Washington, D. C.
Ferreira, Bernard Lino	British West Indies
Gibson, Mabel May	Washington, D. C.
Giddens, Henry Augustus Littleton	Waco, Texas

Green, Robert Harrison	Norfolk, Va.
Hamilton, Hawes Houston	Deanwood, D. C.
Harper, Emily May	Chicago, Ill.
Harris, Bernard	Baltimore, Md.
Hawkins, George Russell	Charleston, W. Va.
Hawkins, Mary Elizabeth	Washington, D. C.
Hill, George Henry	Montclair, N. J.
Jones, Joseph Robinson	Danville, Ky.
Lawson, Madison Dee	Sulphus, Okla.
Lewis, Leah Virginia	Richmond, Va.
Lindsay, Arnett Grant	Atlanta, Ga.
Lofton, Melvin McKinley	Washington, D. C.
Luck, Clyde Alexander	Danville, Va.
Miller, Isaac Newton	Washington, D. C.
Mustapha, Jennie Elizabeth	Stratford, Conn.
Nixon, Louisa Gertrude	Baltimore, Md.
Nowlin, William Felbert	Elkhorn, W. Va.
Parkhurst, Jessie Wragg	Atlanta, Ga.
Reese, William Hobart	Kansas City, Mo.
Riddick, Vernon Cornelius	Portsmouth, Va.
Roberts, Norton S.	Jacksonville, Fla.
Rucker, Ainsworth Spofford	Washington, D. C.
Skinker, Lillian Rosa	Washington, D. C.
Smith, Alma Poole	Washington, D. C.
Stephenson, Ruth Lydia	Charleston, W. Va.
Taylor, Horace Greeley	Guthrie, Okla.
Thomas, Mabel Cecelia	Washington, D. C.
Whiting, Elmer Jerome	Haverhill, Mass.
Williams, John Ephraim	Huntington, W. Va.
Williams, Luke Edon	Palmyra, N. C.
Wright, Enos Shepard	New Haven, Conn.
Yoncey, Alice E.	New York City, N. Y.

SOPHOMORES

Alexander, Eugene Thomas	Bealton, Va.
Anderson, Subbeal Stewart	Richmond, Va.
Aromi, Virgilio Rivera	Ponce, Porto Rico
Atkins, Lillian Erwaldo	Hampton, Va.

Ballard, Orville Lee	Lexington, Ky.
Beaman, William Henry	Baltimore, Md.
Bright, John Fleming	Washington, D. C.
Broadnax, John Henry	Charleston, S. C.
Brown, James Felton	Gray, La.
Brown, Sydney Phillip	Edwards, Miss.
Bugg, Margaret Brown	Lynchburg, Va.
Byrd, Walter Franklin	Woods Cross Roads, Va.
Carter, William Justin, Jr.	Harrisburg, Pa.
Castaing, Pedro Alvaro	Ponce, Porto Rico
Coleman, Mabel Theresa	Washington, D. C.
Coles, Bernard Albert	Charlottesville, Va.
Cousins, Grace	Cleveland, Ohio
Davis, Melvin Reid	Washington, D. C.
Dogan, Alma Bernice	Norfolk, Va.
Dyett, Albert Ernest	New York, N. Y.
Eskridge, Leon Alexander	Washington, D. C.
Garnet, George Washington	Holidaysburg, Pa.
Georges, Thomas Walford	British West Indies
Geter, Howard David	Dayton, Ohio
Goodloe, Don Burrus	Bowie, Md.
Goodloe, Wallace Anderson	Bowie, Md.
Goodloe, William Andrew	Washington, D. C.
Gordon, Ernest Arnold	Savannah, Ga.
Hailsialk, Jessie Frenciener	Washington, D. C.
Harris, James Louis	Portsmouth, Va.
Harris, John Oden Stephen	Washington, D. C.
Haydel, Clarence Cleman	Wallace, La.
Hayling, William Samuel	New York, N. Y.
Henry, Raymond Augustus	Asbury Park, N. J.
Holmes, Jr., John Henry	Winchester, Ky.
Howard, Ruth Winifred	Washington, D. C.
Hughes, Albert Ross	Washington, D. C.
Hughes, Jay Irwin	Baltimore, Md.
Johnson, Edward Milton	Washington, D. C.
Jones, Edward Perry, Jr.	Vicksburg, Miss.
Joyce, James Edwin	Cambridge, Ohio
Kemp, Ruth Louise	Washington, D. C.
Lark, William Wesley	Columbia, S. C.
Lee, Alfred Julian	Helena, Mont.

Lofton, William Garvin	Jacksonville, Fla.
McGhee, Norman LeRoy	Atlanta, Ga.
Marshall, Jr., Charles Herbert	Washington, D. C.
Matthews, LeCount Roscoe	Washington, D. C.
Miller, May	Washington, D. C.
Murchison, Joseph Prescott	Houston, Texas
Parrish, Charles Henry, Jr.	Louisville, Ky.
Payne, Arthur Charles	Washington, D. C.
Payne, Emma Frances Geraldine	Washington, D. C.
Peyton, Isaac Smith Terrell	Jackson, Miss.
Pinderhughes, Charles Lloyd	East Providence, R. I.
Piper, Paul Edward	Washington, D. C.
Price, Oma Henry	Washington, D. C.
Prunty, Ulysses Henry	Mayberry, W. Va.
Rambo, Clarence E.	Tucker, Ark.
Reddix, William Moaten	Washington, D. C.
Reeves, John Luther	Philadelphia, Pa.
Richardson, Percy Scott	New Rochelle, N. Y.
Robinson, Cyril Fitzherbert	New York, N. Y.
Russell, Aaron Stanislaus	Washington, D. C.
Skinker, Laura Jane	Washington, D. C.
Thornhill, Arthur Conrad	Montclair, N. J.
Tinner, John Clement	Baltimore, Md.
Ward, Cecil Lamont	Sanford, Fla.
Watson, Augustus Dart	Charleston, S. C.
Wells, Grace	Billeville, N. J.
White, Herbert Alexander	Magnolia, N. J.
Williams, Harry Maceo	Baltimore, Md.
Williamson, Gammon Harvey	Reidsville, N. C.
Winters, Ernestine Mabel	Washington, D. C.
Yates, Dolan Buckman	Washington, D. C.
Young, Cammille Lucinda	Washington, D. C.

FRESHMEN

Adams, George Cornelius	Muskogee, Okla.
Allen, George Shafter	Baltimore, Md.
Ashe, Geraldine Wilson	Washington, D. C.
Bacon, Nathaniel A.	Washington, D. C.
Baker, Raymond Hezekiah	Plainville, Conn.
Ball, Wilfrid Randolph	Hartford, Conn.

Bate, William John	Danville, Ky.
Baxter, Irene Carye	Jacksonville, Texas
Bentley, Robert Percy	Memphis, Tenn.
Benton, Edna Mae	Fort Worth, Texas
Binford, Claxton Perry	Huntsville, Ala.
Bingham, LeRoy W.	Charleston, S. C.
Bladsoe, Edward Harold	Marshall, Texas
Borden, William F.	Brooklyn, N. Y.
Boush, Oliver Wynn	Portsmouth, Va.
Boush, Willia Henry	Portsmouth, Va.
Breeding, Millard Leander	Washington, D. C.
Brooks, Williams Sharpless	Kennett Sq., Pa.
Brown, George William	Louisville, Ky.
Brown, Lillian Serena	Washington, D. C.
Burke, William Tunnell	Norfolk, Va.
Burrell, Howell Beverly	Sassafras, Va.
Burris, Lyman Benton	Paris, Mo.
Campbell, Elbert Carper	Charleston, W. Va.
Cannaday, Robert Ewell	Durham, N. C.
Chance, Albert Elkanah	British West Indies
Chandler, George Wellington	Muskogee, Okla.
Chapman, William Russell	Uniontown, Pa.
Clanton, Horace	Portsmouth, Va.
Contee, Raymond Elmer	Washington, D. C.
Cool, Louise Hartwell ..	Washington, D. C.
Cooper, Claude Wendell	Riverhead, N. Y.
Coston, Wayman Rutherford	Washington, D. C.
Crawford, Waverly Lee	Alliance, Va.
Cupid, Isaac Newton Tancil	Washington, D. C.
Curtisn, George Dewey	Washington, D. C.
Davis, Dorothy Margaret	Haverhill, Mass
Dixon, Henry Lewis	Jacksonville, Fla.
Dixon, Votie D.	Hammond, Texas
Dyett, John Henry Russell	British West Indies
Dykes, Anita Marion	Washington, D. C.
Elliott, Lester Stanley	Portsmouth, Va.
Ford, Robert Benjamin	Lemon City, Fla.
Foreman, Anita Bernice	Washington, D. C.
Garner, Smith Maynard	Washington, D. C.
Garrett, Mabel	Washington, D. C.

George, Arthur Stanley	Fort Worth, Texas
Gibbs, Carey	Madison, Fla.
Gilmore, Allen Chauncey	Washington, D. C.
Givens, Mary Ann	Louisville, Ky.
Glascoc, Milton Marcellus	Washington, D. C.
Graddick, Lester Weston	Charleston, S. C.
Groomes, Roland Oscar	Baltimore, Md.
Guthrie, Griason Ulysses	Owensboro, Ky.
Harris, Frederick Tobias	Omaha, Neb.
Henry, Allison David	Detriot, Mich.
Herndon, Pearl Helena	Washington, D. C.
Hines, John Tyler	Houston, Texas
Holmes, Clarence Francis	Washington, D. C.
Hucles, Howard Lancelot	Baltimore, Md.
Jackson, Harrison Smith	Charleston, W. Va.
Jimson, Edward Price	New Orleans, La.
Johnson, Phillip Thomas, Jr.	Washington, D. C.
Jones, Henderson Francis	Henderson, Ky.
Jones, Royal Cecil	Washington, D. C.
Jordan, Thelma Flora	Washington, D. C.
Keene, Jesse Alstork	Washington, D. C.
Kimmey, Melford Byron	Cambridge, O.
LaCour, Gretchen Vassar	Lawnside, N. J.
Lark, Edwin Forresr	Washington, D. C.
Lark, Rowana Winters	Washington, D. C.
Leach, Hattie	Sault Ste, Mich.
LeCompte, Calvin Browne	Baltimore, Md.
Longmire, Cleveland Langston	Beatrice, Ala.
McKinney, Ralph Leon	Washington, D. C.
Madison, Lewis Keith	Warrenton, Va.
Maize, William Stewart	Rahway, N. J.
Mason, Roger Q.	Dallas, Texas
Mickey, Bushrod James, Jr.	Washington, D. C.
Moore, George Alexander	Roanoke, Va.
Morris, Leonidas	Cappahosic, Va.
Mosely, Hugh Alexander	Maitland, Fla.
Murray, Filrence Rogers	Alexandria, Va.
Murray, Helen Beatrice	Washington, D. C.
Neal, DeWitt Spurgeon	Winston-Salem, N. C.
Norman, Ruth Ernestine	Washington, D. C.

Nurse, John Robert	Louisville, Ky.
Patten, Thelma Adele	Houston, Texas
Peterson, George William	Washington, D. C.
Phillips, Pauline Johnson	Connellsville, Pa.
Phipps, Nauford Osman	British West Indies
Porter, O'Arlington Birnis	Muskogee, Okla.
Porter, Chester Arthur	Philadelphia, Pa.
Porter, William Everett	Washington, D. C.
Portlock, Daniel W.	Norfolk, Va.
Preston, Clarence Wesley	Ypsilanti, Mich.
Pusey, Tomas	San Andreas, Republic of Colombia
Rashkowsky, Eugene Max	New York, N. Y.
Rice, Russell Viley	Louisville, Ky.
Richardson, Francis Nelson	Washington, D. C.
Riley, LaVerne	Washington, D. C.
Robinson, Norman Eugene	Savannah, Ga.
Robinson, Perry Devan	Lexington, Ky.
Sanford, Charles Butler	Covington, Ky.
Saunders, Edward	Washington, D. C.
Scarlett, Annie Mazura	Brunswick, Ga.
Scott, Nathaniel Monroe	Baltimore, Md.
Scott, Thomas Augustine	Washington, D. C.
Simmons, Arthur Hugh	Washington, D. C.
Smith, Myra Lyle	Bordentown, N. J.
Spatks, Horace Whittier	Washington, D. C.
Spriggs, Jr., Tolly Bernard	Washington, D. C.
Starks, Marie Johnetta	Dallas, Texas
Stewart, George Calvin	Baltimore, Md.
Stewart, Seth Fred	Frogmore, S. C.
Stowe, Arnold Edwin	Flatts, Bermuda
Taylor, Elmond Burnzina	Williston, Fla.
Taylor, James Henry	Guthrie, Okla.
Thomas, Stanley Worthington	Washington, D. C.
Tompkins, Richard Whitfield	Washington, D. C.
Walker, Jr., Andrew Jackson	Youngstown, O.
Wallace, William	Whitmire, S. C.
Walton, Talmage DeWitt	Boston, Ga.
Washington, Georgia Roper	Denver, Colo.
Weeks, Cornelius Burton	Baltimore, Md.
Wells, Clarence Hardy	Pine Bluff, Ark.

Wesson, Maurice Montera	Jersey City, N. J.
White, Herbert Nathaniel	Asheville, N. C.
Wilkerson, Jr., Bernard Ornage	Louisville, Ky.
Wilson, Andrew D.	Worton, Md.
Winston, Blanche Comfort	Washington, D. C.
Winston, James Frank	Enfield, Va.
Woods, David Lexington	Leasburg, N. C.
Wright, Courtney Bernard	Northfork, W. Va.

SPECIALS

Abrams, William F.	Washington, D. C.
Beckett, James Howard	Jersey City, N. J.
Butts, George Irwin	Reading, Pa.
Cameron, Kathryn Lee	Canton, Miss.
Carter, Harlan Allen	Harrisburg, Pa.
Davis, Monroe Hortensius	Washington, D. C.
Davis, John Henry	Point Pleasant, W. Va.
Freeman, Esther Hilda	Washington, D. C.
Harris, Roderick Badgar	Athens, Ga.
Hartgrove, Ernest Seth	Boston, Mass.
Herndon, Jr., Robt. Wilton	Houston, Texas
Hubbard, Berry Mack	New Orleans, La.
Mason, Duane B.	Dallas, Texas
Murray, Paul Evans	Washington, D. C.
Pair, Clarence Quinton	Washington, D. C.
Pinn, James Russell Calvin	Washington, D. C.
Rivers, Eleanor	Washington, D. C.
Webb, Haywood Thomas	Preston, Md.

SUMMARY

Seniors	48
Juniors	56
Sophomores	77
Freshmen	134
Specials	20
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Total	335

TEACHERS COLLEGE

SENIORS

Burnside, Marion Talita	Washington, D. C.
Bushe, Gertrude Viola	Washington, D. C.
Cesar, Olive Clementine	Sharon Valley, Conn.
Clarke, Madeline	Hampton, Va.
Coates, Viven Estelle	Pittsburgh, Pa.
Craig, Howard	Grafton, W. Va.
Hearn, Ethel Marie	Berwyn, Pa.
Jacobs, Harry Ulysses	Washington, D. C.
Martin, Sadye Charlotta	Baltimore, Md.
Peters, Constance Carlotta	Washington, D. C.
Plummer, Ethel Letitia	Washington, D. C.
Smallwood, Ruth Valrea	Washington, D. C.
White, Martha Ann	Washington, D. C.

JUNIORS

Bagnall, Wanser Idaliah	Norfolk, Va.
Brent, Rufus Oliver	West Medford, Mass.
Brown, Bertha Elizabeth	Norfolk, Va.
Byrd, Juanita Coleman	Rochester, N. Y.
Clayton, Norma Belle	Lynchburg, Va.
Coleman, Rosa Belle	Washington, D. C.
Day, Nannie Clara	Dallas, Texas
Dennis, Benjamin Franklin	Princess Anne, Md.
Dungeon, Cleatus Powell	Wheeling, W. Va.
Early, Benjamin Harrison	Gordonsville, Va.
Grant, Carolyn Virginia	Fredericksburg, Va.
Irving, Katherine Virginia	Washington, D. C.
Johnson, Benjamin Tanner	Philadelphia, Pa.
LaCour, Marion Elizabeth	Lawnside, N. J.
Lassiter, Geraldine Ercelle.....	Clarksburg, W. Va.
Lee, Jane Elizabeth	Springfield, Ohio
Miller, Mary Elizabeth	Washington, D. C.
Motte, Birneisis Inez	Denmark, S. C.
Oden, Mabel Lee	Washington, D. C.
Pegram, Victoria	Gastonia, N. C.

Preston, Emmett Delorus	Washington, D. C.
Rankin, Frank Stephen	Savannah, Ga.
Robinson, Dorothy Hill	Washington, D. C.
Scott, Josephine Emeline	Washington, D. C.
Shinn, Montgomery LeRoy	Washington, D. C.
Tappe, Ruth Eliza	Lynchburg, Va.
Walker, Wiley Lorraine, Jr.	San Antonio, Texas
Williams, Madeline	Washington, D. C.

SOPHOMORES

Adams, Julius McKinley	Moundsville, W. Va.
Barber, Anna Carolina	Wheeling, W. Va.
Brown, Edith Elizabeth	Washington, D. C.
Brown, Paul Ervin	Perry, N. Y.
Burns, Inabel Frances	St. Joseph, Mo.
Canty, James Carl	Hartford, Conn.
Chapman, Selden Garnett	Camden, N. J.
Crice, Hazel Elvira	Louisville, Ky.
Douglas, Stanley Moreland	Mechanic Station, N. J.
Dudley, Jennie Leola	Norfolk, Va.
Fulford, Walter Columbus	Norfolk, Va.
Gant, Richard Wesley	Washington, D. C.
Hall, William Myron	West Point, Miss.
Hatchette, Mae Louise	Petersburg, Va.
Johnson, Blanche Elizabeth	Washington, D. C.
Lawrence, Helen Clarke	Norfolk, Va.
Lomack, Serena Anna	Washington, D. C.
Long, Carrie Baber	Uniontown, Pa.
Long, Odessa Dorothy	El Paso, Texas
Motte, Jessie Evelyn	Denmark, S. C.
Smith, Ira	Hillburn, N. Y.
Taylor, Viola Treara	Washington, D. C.
Thomas, Hazel Irene	Washington, D. C.
Tyler, Viola Margaret	Flushing, Ohio
Watson, Ethel May	Baltimore, Md.
Williams, Isadore	Washington, D. C.
Wilson, Fayette	Ottawa, Kansas

FRESHMEN

Ashe, Martha Amelia	Washington, D. C.
Allston, Julia Elizabeth	Newtonville, Mass.
Arnold, Sibyl Elizabeth	Atlanta, Ga.
Cain, Pearl Rubeana	Lincoln Heights, D. C.
Cobbs, Virlie Shefter	Bluefield, W. Va.
Cooper, Anna Elizabeth	Monrovia, Liberia
Davis, Helen Burnette	Raleigh, N. C.
Dilworth, Maud Mae	Washington, D. C.
Dorsey, Lena Montana	Helena, Montana
Dorsey, Harriet Anna	Chevy Chase, Md.
Eagland, Albert	Washington, La.
Green, George (Miss)	Pittsburgh, Pa.
Hopewell, Hilda Fisher	Martinsburg, W. Va.
Jackson, Houston Robert	Harpers Ferry, W. Va.
Keith, Clyde Everett	Cassopolis, Mich.
Lang, Margaret Dorothy	Kennett Square, Pa.
Lawrence, Jesse J.	Anchorage, Ky
Mitchell, Isadore Crux	Buffalo, N. Y.
Moore, Sarah Rebecca	Washington, D. C.
Nichols, Edith Frances	St. Louis, Mo.
Porter, Esther Ann	Bladensburg, Md.
Pruitt, James Walter	Florence, Ala.
Redmond, Myrtle Pearl Gertrude	San Antonio, Texas
Robinson, Harriet McCannon	Washington, D. C.
Shaw, Mayme Lee	Dayton, Ohio
Shelton, Thomas Henson	Halltown, W. Va.
Stokes, Ella Louise	Petersburg, Va.
Washington, Elfreth Taylor	Washington, D. C.
Welch, Wm. Henry	Marshall, Va

SPECIAL STUDENTS

Barbre, Bessie Taylor	Indianapolis, Ind.
Bruce, John Coburn	Washington, D. C.
Bryant, Joseph Lafayette	Eufaula, Ala.
Coleman, Adele Eloise	Washington, D. C.
Fayerman, Fannie Cornelia	Petersburg, Va.
Garner, Helen Cynthia	Washington, D. C.
Harrison, Frank Goodall	Austin, Texas
Johnson, Pattie Louana	Petersburg, Va.

Jones, Eugenera	Washington, D. C.
Joyce, Manila Hansen	Cambridge, Ohio
Miller, Ezekiel Harry	Christiana, Pa.
Moore, Lewis Tanner	Washington, D. C.
Monroe, Harold James	Topeka, Kansas
Peck, Vivan Nathaniel	Baltimore, Md.
Randolph, Grace L.	New York, N. Y.
Winfrey, James Sanford	Koswiska, Miss.
Young, Roggie Arliner	Burgettstown, Pa.

SUMMARY

Seniors	13
Juniors	28
Sophomores	27
Freshmen	29
Part Course	17

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114SCHOOL OF MANUAL ARTS AND APPLIED
SCIENCES

SOPHOMORES

Alston, Chester Prevard	Hartford, Conn.
Brown, Dorothea Helen	Washington, D. C.
Carpenter, Frances Viola	Topeka, Kan.
Downing, Lewis King	Roanoke, Va.
Freeman, Mary Augusta	Princeton, N. J.
Green, Mamie Louise	Macon, Ga.
Holland, Line Bryan	Washington, D. C.
Holmes, Ruth Tyler	Alexandria, Va.
Jefferson, Henry Homer	Houston, Texas
Jernagin, Rosabelle Cordelia	Washington, D. C.
Johnson, Leah Dillard	Washington, Pa.
Ragsdale, Randolph David	Newburgh, N. Y.
Thomas, William Alexander	Hartford, Conn.
Warren, Eleanora	Covington, Ky.
Williams, Willie Artoria	Augusta, Ga.

FRESHMEN

Buckner, William Naylor	Washington, D. C.
Costley, Mary Alice	Washington, D. C.
Des Journette Harriet Hattie	Seattle, Wash.
Hatcher, Johnnie Lee	Montgomery, Ala.
Henderson, Henry Hawley	Houston, Texas
Jones, Charlotte Henry	Washington, D. C.
Madison, Robert James	Mobile, Ala.
Moran, Margaret Gladys	Washington, D. C.
Moreno, Miguel Gonzalez	Santa Clara, Cuba
Nalls, Alfreda Robinson	Washington, D. C.
Parker, August Francisco	Mobile, Ala.
Payne, Ella Viola	Washington, D. C.
Phillips, John Tyler	Paducah, Ky.
Pollard, Robert James	Houston, Texas
Queenan, Samuel Sylvester	Washington, D. C.
Shannon, Mary Ellen	New Castle, Pa.
Stewart, Lillian Consuela Roberta	Baltimore, Md.
Wright, Alver Octavia	Chicopee, Mass.

INDUSTRIAL

Adams, Cato W.	Falls Church, Va.
Brent, Emma Ethel	Washington, D. C.
Culbertson, Nellie E.	Washington, D. C.
Keyes, Samuel Andrew	Washington, D. C.
McDonald, Oliver Wise	Washington, D. C.
Watkins, Price	Little Rock, Ark.

SPECIAL

Banks, Helen Evangeline	Charleston, S. C.
Tomlinson, Arthur John	Little London, Jamaica, B. W. I.
Weisiger, Cassie Elizabeth.....	Frankfort, Ky.

PART COURSE STUDENTS

Clayton, Norma Belle	Lynchburg, Va.
Lassiter, Geraldine Ercelle	Clarksburg, Va.
Martin, Sadye Charlotta	Baltimore, Va.

STUDENTS REGISTERED IN RADIO SCHOOL

Adams, A. R.	Washington, D. C.
Adams, C. W.	Falls Church, Va.
Adams, H.	Washington, D. C.
Allen, J. R.	Washington, D. C.
Alston, R.	Warrenton, N. C.
Baily, I. G.	Washington, D. C.
Baltimore, P. W.	Alexandria, Va.
Baucum, W. C.	Wadesboro, N. C.
Beasley, W. S.	Washington, D. C.
Bentley, R. P.	Washington, D. C.
Brandon, R. F.	Washington, D. C.
Broady, W. A.	Philadelphia, Pa.
Brooks, J. S.	Washington, D. C.
Browne, C. M.	Washington, D. C.
Browne, E. W.	Washington, D. C.
Brown, L. N.	Washington, D. C.
Brown, J. S.	Washington, D. C.
Browne, R. N.	Washington, D. C.
Bryce, H. W.	Washington, D. C.
Buckner, W. N.	Washington, D. C.
Burke, W. T.	Norfolk, Va.
Burress, G. J.	Washington, D. C.
Carter, H. A.	Washington, D. C.
Chase, B. H.	Washington, D. C.
Christian, P. C.	Dominica, B. W. I.
Coles, B. M.	Charlottesville, Va.
Connor, R. L.	Brooklyn, N. Y.
Conrad, P.	Washington, D. C.
Craig, H.	Grafton, W. Va.
Crawford, D. W.	Washington, D. C.
Crawford, W. L.	Surry, Va.
Dade, P. T.	Washington, D. C.
Davis, H. F.	Washington, D. C.
Dean, W. R.	Washington, D. C.
Dixon, F. A.	Washington, D. C.
Dogans, J. L.	Washington, D. C.
Doss, J. L.	Alexandria, Va.
Downing, L. K.	Roanoke, Va.
Dyett, J. H. R.	Trinidad, B. W. I.

SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES 247

Early, B. H.	Washington, D. C.
Early, P. W.	Washington, D. C.
Ebobbs, J.	Washington, D. C.
Erbacher, H. A.	Richmond Hill, L. I., N. Y.
Fearing, J. R.	Washington, D. C.
Fields, M. L.	Washington, D. C.
Fisher, E. L.	New Haven, Conn.
Ford, A. C.	Helena, Mont.
Gousse, C. M.	Brooklyn, N. Y.
Graham, J. A.	St. Louis, Mo.
Gray, G. H.	Washington, D. C.
Greene, E.	Mound Bayou, Miss.
Gregory, G. W.	Hertford, N. C.
Gwathney, B.	Washington, D. C.
Hamilton, P. Y.	Washington, D. C.
Hardwick, H. C.	Savannah, Ga.
Harvey, E. E.	Washington, D. C.
Hawk, C. M.	Guthrie, Okla.
Haydel, C. C.	Edgard, La.
Herbert, W. G.	New York, N. Y.
Herriot, G. M.	Washington, D. C.
Hill, R.	Washington, D. C.
Hogan, A. J.	Washington, D. C.
Holerman, J. H.	Washington, D. C.
Holland, J. G.	Washington, D. C.
Holland, R. W.	Washington, D. C.
Holliday, A. J.	Washington, D. C.
Holmes, E. A.	Washington, D. C.
Holmes, R. W.	Washington, D. C.
Houston, T.	Washington, D. C.
Hughes, G. R.	Washington, D. C.
Irving, H. C.	Arlington, Va.
Jackson, C.	Washington, D. C.
Jackson, J. H.	Alexandria, Va.
Jackson, W. F.	Washington, D. C.
Jones, D.	Little Rock, Ark.
Jones, F. A.	Spartanburg, S. C.
Jones, H. E.	Washington, D. C.
Jones, V.	Washington, D. C.
Keets, S. H.	Washington, D. C.

King, T. T.	Washington, D. C.
Lawson, A.	Washington, D. C.
Lee, A. J.	Washington, D. C.
Lightfoot, M. A.	Washington, D. C.
Magruder, W. C.	Washington, D. C.
Marshall, L. E.	Washington, D. C.
Mayo, C. A.	Washington, D. C.
McGhee, R. S.	Memphis, Tenn.
McGuire, R. G.	Washington, D. C.
Middleton, R. F.	Washington, D. C.
Miller, F. M.	Washington, D. C.
Morgan, D. L.	Washington, D. C.
Nelson, J. I.	Washington, D. C.
Nicholas, J. Q.	Washington, D. C.
Pack, E. C.	Washington, D. C.
Payne, E. B.	Washington, D. C.
Pelham, H. L.	Washington, D. C.
Pelham, F. B.	Washington, D. C.
Pendleton, J. T.	Washington, D. C.
Phillips, J. T.	Paducah, Ky.
Philyaw, N. A.	Washington, D. C.
Pierce, H. S.	Washington, D. C.
Portlock, L. H.	Norfolk, Va.
Powell, S. M.	Washington, D. C.
Price, H. V. B.	Washington, D. C.
Primus, I. L.	Washington, D. C.
Rabb, H. L.	Washington, D. C.
Rambo, C. E.	Newark, N. J.
Ramsey, C. S.	Washington, D. C.
Reed, G. W.	Montross, Va.
Reed, J. H.	Washington, D. C.
Roberts, G. S.	Washington, D. C.
Rogers, M. T.	Knoxville, Tenn.
Ross, J. E.	Washington, D. C.
Rucker, A. S.	Washington, D. C.
Saunders, G. W.	Washington, O. C.
Sayles, H.	Washington, D. C.
Simmons, L.	Washington, D. C.
Simmons, M. S.	Strausburg, Pa.
Smith, E. L.	Washington, D. C.

SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES 249

Smith, O. N.	Washington, D. C.
Smith, W. H.	Washington, D. C.
Stewart, G. C.	Baltimore, Md.
Stewart, S. F.	Washington, D. C.
Stevens, N. H.	Pine Bluff, Ark.
Taylor, J. H.	Washington, D. C.
Thompson, R. N.	Washington, D. C.
Toms, C. H.	Edwards, Miss.
Wallace, H. B.	Washington, D. C.
Wallace, W. C.	Whitmire, S. C.
Warner, L. J.	Brooklyn, N. Y.
Waters, N. R.	Washington, D. C.
Webb, E. S.	Washington, D. C.
Webb, J. B.	Washington, D. C.
Webster, O.	Washington, D. C.
Weir, W. E.	Washington, D. C.
White, H. N.	Washington, D. C.
Whiteman, E.	Washington, D. C.
Williams, S. P.	Atlantic City, N. J.
Williston, S.	Washington, D. C.
Winston, E.	Washington, D. C.
Wiseman, L. B.	Washington, D. C.
Wood, W. A.	Washington, D. C.

In addition to these, 61 Academy Students and 9 Commercial College Students pursued courses in Woodwork, Printing, Mechanical and Freehand Drawing and Home Economics in the School of Manual Arts and Applied Sciences.

SUMMARY

Sophomores	15
Freshmen	18
Industrial	6
Special	3
Part Course	3
Academy	61
Commercial College	9
Radio School	142
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Total	257

CONSERVATORY OF MUSIC

VOICE

Alston, Elsie	Washington, D. C.
Bowen, George Walter	Forest City, Ark.
Breeding, John	Washington, D. C.
Brent, Rufus Oliver	W. Medford, Mass.
Grant, Caroline Virginia	Fredericksburg, Va.
Hall, George	Greenville, Ky.
Harris, Beatrice	Flushing, L. I.
Harrison, Frank G.	Austin, Texas
Hayes, Estelle Florence	Washington, D. C.
Howard, Louise	Washington, D. C.
Hughes, Milton	Norfolk, Va.
Johnson, Irene Grace	Pittsburgh, Pa.
Joyce, Manilla	Cambridge, Ohio
Keys, Raymond G.	Washington, D. C.
Lewis, Alice Mildred	Washington, D. C.
Lucas, Rubie	Washington, D. C.
Proctor, Ruth Estelle	Philadelphia, Pa.
Rhodes, Margaret L.	Columbia, S. C.
Roberts, Evelyn E.	Washington, D. C.
Sharpe, George	Montgomery, Ala.
Simmons, Maude E.	Augusta, Ga.
Smothers, Maude Genevieve	Washington, D. C.
Turner, Marie	Pittsburgh, Pa.
Walker, Wiley L.	San Antonio, Texas
Wesley, Mrs. Louise	Washington, D. C.
Winters, Ernestine M.	Washington, D. C.
Yancy, Rosalind A.	Pittsburgh, Pa.
Young, Arliner R.	Burgettstown, Pa.

PIANO

Alston, Elsie	Washington, D. C.
Arnold, Sybil	Atlanta, Ga.
Ashton, Virginia Alice	Washington, D. C.
Bagnall, Wanser I.	Norfolk, Va.
Barbre, Bessie	Indianapolis, Ind.
Bowen, George Walter	Forest City, Ark.
Boyd, William D.	Somerville, Tenn.

Bratton, Lillian Mae	Washington, D. C.
Brooks, Mamie S.	Washington, D. C.
Bundy, Della A.	Washington, D. C.
Burleigh, Alston W.	New York, N. Y.
Calloway, L. Lucile	Lincoln, Md.
Carter, Agnes Beatrice	Washington, D. C.
Catlett, Desirie Comelia	Washington, D. C.
Clarke, Carroll Marietta	Washington, D. C.
Collins, Ruby Frances	Washington, D. C.
Cook, Dorothy Louise	Washington, D. C.
Denny, Ida Lucile	Washington, D. C.
Denny, Pearl A.	Washington, D. C.
Edmonds, Mary Louise	Harrisburg, Pa.
Elliott, Lester	Portsmouth, Pa.
Foult, Nana	Washington, D. C.
Gatewood, Addie	Richmond, Va.
Greene, Ferdinand A.	Bluefields, Central America
Gregory, La Veme	Washington, D. C.
Grooms, Roland Oscar	Baltimore, Md.
Gundy, Esther Viola	Haverhill, Mass.
Harris, Beatrice	Flushing, L. I.
Harris, Elizabeth	Washington, D. C.
Harris, Violet	Moorsville, Mo.
Harrison, Frank G.	Austin, Texas
Harrub, Deborah Hope	Taunton, Mass.
Hastie, William	Washington, D. C.
Hickman, Magnolia	Sapulpa, Okla.
Hopkins, Claude Driskett	Washington, D. C.
Howard, Ruth David	Covington, Ga.
Hughes, Milton	Norfolk, Va.
Jackson, Burkie	Birmingham, Ala.
Jackson, Una	Washington, D. C.
Johnson, Irene	Washington, D. C.
Johnson, Irene Grace	Pittsburg, Pa.
Jones, Eugeneva	Washington, D. C.
Joyce, Manilla	Cambridge, Ohio
Kennedy, Marguerite	Washington, D. C.
Lancaster, Alvesta Pearl	Pittsburgh, Pa.
Lane, Rosa Belle	Washington, D. C.
Lane, William H.	Washington, D. C.
Lewis, Alice Mildred	Washington, D. C.

Lindsay, Hallie Quinn	Atlanta, Ga.
Maize, William S.	Jersey City, N. J.
McComb, Elouise Belle	Washington, D. C.
McKinney, Fanny M.	Washington, D. C.
McKinney, Louise Ruth	Washington, D. C.
Middleton, Frances Ruth	Washington, D. C.
Moore, Sarah Rebecca	Washington, D. C.
Moss, Carline Varonee	Washington, D. C.
Mundy, Alice Katherine	Henderson, Ky.
Murray, Thelma	Washington, D. C.
Neal, Anna Pearl	Charlotte, N. C.
Neal, Irma	Winston-Salem, N. C.
Parkhurst, Jessie Wragg	Atlanta, Ga.
Pinn, James	Washington, D. C.
Powell, E. C.	Frankfort, Ind.
Proctor, Estelle Ruth	Philadelphia, Pa.
Randolph, Grace L.	New York, N. Y.
Rhodes, Margaret L.	Columbia, S. C.
Rivers, Eleanor	Washington, D. C.
Scott, Anna Mae	Muskogee, Okla.
Sharpe, George	Montgomery, Ala.
Simmons, Maude Estelle	Augusta, Ga.
Sims, Pauline J.	Atlanta, Ga.
Smith, Adelaide	Ottawa, Ill.
Smith, Myra	Lynchburg, Va.
Terrell, Phyllis Church	Washington, D. C.
Thomas, Jessie Belle	Alexandria, Va.
Thompson, Flossie Louise	Washington, D. C.
Turner, Marie	Pittsburgh, Pa.
Washington, Hazel	South Bend, Ind.
Wallace, Onida	Denver, Colo.
Weisiger, Cassie	Frankfort, Ky.
Whitted, George Van	New Haven, Conn.
Williams, Cora	Washington, D. C.
Wilson, Fayette	Franklin, Kan.
Wright, Mary W.	Washington, D. C.
Wyche, Leroy Benjamin	Richmond, Va.
Yancy, Rosalind A.	Pittsburgh, Pa.
Yates, Dolan	Washington, D. C.
Young, Arliner R.	Burgettstown, Pa.

ORGAN

Bundy, Della A.	Washington, D. C.
Burleigh, Alston W.	New York, N. Y.
Jones, Eugenera	Washington, D. C.
Lindsay, Hallie Quinn	Atlanta, Ga.
Randolph, Grace L.	New York, N. Y.
Whitted, George Van	New Haven, Conn.
Yates, Dolan	Washington, D. C.

VIOLIN

Andrews, E. Aloysius	St. David's Grenada, B. W. I.
Cecil, Anna Miner	Johnson City, Tenn.
Cobb, Montaigue	Washington, D. C.
Cuney, William Waring	Washington, D. C.
Farrow, Clarence	Huntington, W. Va.
Hall, George	Greenville, Ky.
Jackson, Wisner	Washington, D. C.
Mundy, Mary Elizabeth	Henderson, Ky.
Powell, E. C.	Frankfort, Ind.
Terrell, Phyllis Church	Washington, D. C.
Waters, Elbert M.	Washington, D. C.

HARMONY

Barbre, Bessie	Indianapolis, Ind.
Burleigh, Alston W.	New York, N. Y.
Edmonds, Mary Louise	Harrisburg, Pa.
Johnson, Irene	Washington, D. C.
Jones, Eugenera	Washington, D. C.
Joyce, Manilla	Cambridge, Ohio
Neal, Anna Pearl	Charlotte, N. C.
Pinn, James	Washington, D. C.
Powell, E. C.	Frankfort, Ind.
Randolph, Grace L.	New York, N. Y.
Sharpe, George	Montgomery, Ala.
Smith, Adelaide	Ottawa, Ill.
Terrell, Phyllis Church	Washington, D. C.
Washington, Hazel	South Bend, Ind.
Whitted, George Van	New Haven, Conn.
Young, Arliner R.	Burgettstown, Pa.

HISTORY

Randolph, Grace L.	New York, N. Y.
Rhodes, Margaret L.	Columbia, S. C.
Terrell, Phyllis Church	Washington, D. C.

SUMMARY

Vocal	28
Piano	88
Violin	11
Organ	7
Harmony	16
History	3
	—
	153
Names duplicated	40
	—
	113

SCHOOL OF THEOLOGY

SENIORS

Bailey, Flavius Josephus	Jamaica, B. W. I.
Davis, Levi Wright	Winnsboro, S. C.
Gray, Walter	Dallas, Texas
Forbes, Wilford Augustine	Jamaica, B. W. I.
Henry, Daniel Adolphus	Jamaica, B. W. I.
Hercules, James Festus	British Guiana, South America
Johnson, David	Washington, D. C.
Pace, Arthur Harry	Bogue, Kansas
Tross, Joseph Samuel Nathaniel	British Guiana, South America

MIDLERS

Coleman, Arthur Temple	Washington, D. C.
Dunn, Joseph Fairley	Snow Hill, N. C.
Grant, Joseph Gay	Richmond, Va.
Hankins, Robert Hampton	Washington, D. C.
Jackson, Benjamin Franklin	Washington, D. C.
Kewley, William Beresford	British Guiana, S. America
Liles, Albert Eugene	Wadesboro, N. C.
Williams, Milton	Danville, Ky.

JUNIORS

Atkins, James Aaron	Indianapolis, Ind.
Berry, Louis Hunton	Detroit, Mich.
Blanchard, Adelbert Burkhardt William	Orange, N. J.
Dames, Jonathan Alexander	Jacksonville, Fla.
Gibson, William Marvin	Smith Mills, Ky.
King, Walter Nathaniel	Allen, Md.
Marsh, William Brizil	Coweat, Okla.
Marshall, Oscar Thomas	Philadelphia, Pa.
Scott, James Edward	Anacostia, D. C.
Stanley, Walter Edgar	Preston, Md.
Williams, Samuel Hart	Jamaica, B. W. I.

UNCLASSIFIED

Gordon, William	Norfolk, Va.
Hayward, James Abraham	Houston, Texas
Van de Wall, Willem	Washington, D. C.
Wallace, Samuel Butler	Washington, D. C.
West, Susie Mariah	Washington, D. C.
Wheeler, Junius A.	Washington, D. C.

CORRESPONDENCE STUDENTS

MATRICULATED

Baker, Henry C. P.	Winchester, W. Va.
Campbell, Daniel	Morrilton, Ark.
Ferris, George E.	Asbury Park, N. J.
Holley, Lewis W.	Buffalo, N. Y.
Hughes, Enoch E.	Cambridge, Md.
Hamilton, Walter H.	Washington, D. C.
Hart, Robert A.	Washington, D. C.
Hodge, Benj. H.	Madison, N. J.
Hargis, D. H.	Wilmington, Dela.
Jackson, John A.	Washington, D. C.
Lucas, B. A.	Washington, D. C.
Parham, S. L.	Henderson, N. C.
Reed, D. L.	Fredericksburg, Va.

Stokes, V. V. K.	Baltimore, Md.
Suthern, W. B.	Harrisburg, Pa.
Turner, S. D.	Brockton, Mass.
Tweedy, Thomas W.	Bedford, Va.

NOT MATRICULATED

Armistead, H. D.	Lovelady, Texas
Anderson, Robert	Washington, D. C.
Ballard, David	Norfolk, Va.
Blackett, Walter E.	Onitsha, S. P., Nigeria, B. W. A.
Blackiston, J. H.	Philadelphia, Pa.
Blount, H. E.	Philadelphia, Pa.
Boswell, J. M.	Summerset, Va.
Braxton, C. H.	Huntington, Pa.
Carrington, P. M. Powell	Thomasville, Ga.
Cary, A. J.	Charlotte, Court House, Va.
Cotton, T. W.	Oceana, Va.
Coulbourne, J. S.	Wattsville, Va.
Coward, B. P.	Wilson, N. C.
Cox, J. D.	Warsaw, Va.
De Orenzella, R. O.	Washington, D. C.
Dowd, John A.	Hemp, N. C.
Eaton, Robert	Forest Hill, Long Island, N. Y.
Fisher, Robert B.	Camp Sherman, Ohio
Flowers, Wesley	Pittsburgh, Pa.
French, W. S.	Jacksonville, Fla.
Gainous, A. L.	Gretna, Fla.
Garrick, Winfred E.	Lincoln University, Pa.
Gibson, Porter	Gibson, N. C.
Green, Ernest J.	Washington, D. C.
Greene, J. A. C.	Grafton, W. Va.
Griffin, J. E.	Richmond, Va.
Griffin, J. F.	Mobile, Ala.
Gross, Robert H.	Baltimore, Md.
Guerra, Isidora	Washington, D. C.
Heacock, R. T.	New Milford, Conn.
Hobbs, Stephen T.	Alamo, Ga.
Hoggard, J. M.	Jersey City, N. J.

Holmans, C. H.	Paw Creek, N. C.
Herring, L. P.	Oxford, Md.
Ingram, S. L.	Lebanon, Va.
Jennings, R. D.	Grafton, W. Va.
Jiggetts, Benjamin D.	Washington, D. C.
Johnson, L. H.	Oxford, N. C.
Jones, Arthur H.	Ancon, C. Z.
Jones, R. C. C.	Brooklyn, N. Y.
Jones, S. August	New York City, N. Y.
Joseph, Victor A.	Balboa, Canal Zone
Leath, W. H.	Uniontown, Ala.
Lewis, E. Martin	Cristobal, Canal Zone
Loyd, William B.	Wichita, Kan.
Mackey, S. T.	Long Island, N. Y.
Mason, B. E.	Pittsburgh, Pa.
Mickens, J. W.	Harrington, Va.
Moore, L. S.	Dover, Del.
Morton, John	Indian Head, Md.
Mosley, E. L.	Orange, N. J.
Mason, Joseph B.	Washington, D. C.
Motley, Prat	Newark, N. J.
McLane, Henry	Houston, Texas
Nichols, John D.	Hartford, Conn.
Oden, R. S.	Kinston, N. C.
Perry, Burl H.	Atlantic City, N. J.
Peters, Edwin	Trinidad, B. W. I.
Peters, Henrietta J.	Cambridge, Mass.
Phillips, Albert H.	New York City, N. Y.
Peede, George H.	Camden, N. J.
Ramseur, C. V.	Charlotte, N. C.
Rasin, Malachi	Townsend, Del.
Richardson, Alonzo	Washington, D. C.
Risien, Harry	New York City, N. Y.
Roach, T. E.	New Haven, Conn.
Sheppard, J. D.	Roslyn Heights, N. Y.
Smith, E. P.	Carnegie, Pa.
Staton, G. Holton	Attleboro, Mass.
Stephens, J. H.	Washington, D. C.
Slater, William H.	New Rochelle, N. Y.
Taylor, Ernest Augustus	Trinidad, B. W. I.

Townsend, G. T.	Dames Quarter, Md.
Turner, W. A.	St. Michaels, Md.
Turner, Major W.	Indianapolis, Ind.
Vison, Carrington	Washington, D. C.
Walker, C. M.	Orange, N. J.
Watson, C. T.	Houston, Texas
West, W. C.	Preston, Md.
White, William D.	Ithaca, N. Y.
Williams, Ashton A.	New York City, N. Y.
Williams, Samuel N.	New Haven, Conn.
Wilson, T. P.	Salisbury, Md.
Woodley, T. H.	Berlin, Md.
Wormley, Leon S.	Washington, D. C.
Wesley, Charles H.	Washington, D. C.
Whitehurst, Garland E. O.	Clearwater, Fla.
Wilson, Jasper	Amherst, Va.
Wood, William	Front Royal, Va.
Willis, Hugh M.	Washington, D. C.

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MEDICAL COLLEGE

SENIORS

Adams, George William, Jr. B. S., Dartmouth.....	Washington, D. C.
Armstead, Abram Dean, A. B., Howard	Lovelady, Texas
Bell, John Bethel, A. B., Lincoln	Grady, Ark.
Brannon, William Griffith Carter, B. S., Howard.....	Louisville, Ky.

Brown, Lucius Horace, B. S., Howard Madisonville, Ky.
 Butler, Felix Eugene, A. B., Howard.....Springfield, Ill.
 Cheney, Perry Wadsworth, A. B., Georgia Lumpkin, Ga.
 Cooper, Oscar James, A. B. Howard Washington, D. C.
 Davis, Raymond Anthony, A. B., Howard Washington, D. C.
 Fisher, Charles Bennett, A. B., Pittsburgh..... Washington, D. C.
 Ford, James Burnett, B. S., Howard Coatesville, Pa.
 Hanna, Walter Sylvester, B. S., Howard Charleston, S. C.
 Hardeman, Elliot Haskell, A. B. Wiley Fort Worth, Texas
 Harilee, Chauncey Mitchell Depew, A. B., Howard..... Dallas, Texas
 Harper, William Henry, B. S., Howard Fort Madison, Ia.
 Harris, Charles Young, A. B., Howard..... Washington, D. C.
 Harrison, Joseph Plummer, B. S., Howard Whitakers, N. C.
 Hawkins, James Blake, A. B., Howard Baltimore, Md.
 McCain, James Price, A. B., Livingstone..... Southern Pines, N. C.
 Magruder, William Francis, A. B., Dartmouth Washington, D. C.
 Nelson, Thomas Walter, A. B., Howard Richmond, Va.
 Perry, Golan Sampson, A. B., Shaw Raleigh, N. C.
 Pigott, Casper Napoleon Baltimore, Md.
 Ressay, Anselmo-Pizarro Porto Rico
 Robinson, Kelly DeVan Lexington, Ky.
 Savoy, Walter Stanford, B. S. Howard Washington, D. C.
 Scott, Luther James Jamaica, B. W. I.
 Shirley, John Wallbridge Jamaica, B. W. I.
 Warricks, John Thomas, A. B., Howard..... Harrisburg, Pa.
 Williams, Rutherford Marcus Chicago, Ill.
 Wilson, Wiley Merlio, Phar. D., Howard..... St. Louis, Mo.

JUNIORS

Austin, Henry James, A. B., Lincoln Rahway, N. J.
 Baker, Edward Sherman, Jr., A. B. Kansas Kansas City, Mo.
 Black, Kareem Jamaica, B. W. I.
 Boyd, Charles Henry West Palm Beach, Fla.
 Carter, Stansbury Murray, A. B., Cornell Wilmington, Del.
 Chisholm, Gibbs, A. B., Biddle Frogmore, S. C.
 Chubb, Louis DeG. Anderson St. Lucia, B. W. I.
 Cobbs, Price Peter, B. S., Howard Barboursville, Va.
 Cook, Jonathan R. Contee, B. S., Howard Washington, D. C.
 Dibble, Eugene Heriot, Jr., A. B. Atlanta Camden, S. C.
 Fleming, Archie Royal Newport News, Va.

Gates, George Henry, A. B., Lincoln	Cumberland, Md.
Gunn, James Hairston, A. B., Shaw	Watson, N. C.
Jackson, Lawrence Waters, B. S., Howard	Washington, D. C.
Johnson, James Raymond, A. B., Howard	Owensboro, Ky.
Jones, Samuel Arthur, B. S., Howard	Jacksonville, Fla.
Kinner, Sarah Ella Marie	Pittsburgh, Pa.
Matthews, Herbert Owens	Everett, Pa.
Page, George Chester	Baltimore, Md.
Scruggs, Ivorite Lorimer, B. S., Howard	Memphis, Tenn.
Sheffield, Orville Roslyn, A. B., Shaw	Chicago, Ill.
Stratton, Harold Counsellor, B. S., Howard	Doylestown, Pa.
Sutton, George Church, A. B., Western Reserve	Cleveland, Ohio
*Vincent, William Ferdinand, B. S., Howard	Guthrie, Okla.
Walker, John Benjamin, B. S., Howard	Avalon, Va.
Waters, John Lambert, B. S., Howard	Oxford, Md.
Young, Ralph Jonathan, B. S., Howard	Reading, Pa.

SOPHOMORES

Baumgardner, Luther Ovid, A. B., Howard	Columbia, S. C.
Bell, George Emmett	Lawrenceburg, Ky.
Brooks, Joseph Hunter, B. S., Howard	Staunton, Va.
Camper, John Emory Toussaint	Baltimore, Md.
Comissiong, Leo Raphael, A. B., Lincoln	Trinidad, B. W. I.
Cooke, Christopher Columbus, A. B., Howard	Richmond, Va.
Dancy, Joseph Price, B. S., Pittsburgh	Washington, D. C.
Davis, James Taylor	Jamaica, B. W. I.
Foster, William Henry, B. S., Howard	New York, N. Y.
Gittens, Edward Fitzgerald	Barbados, B. W. I.
Granady, James Theophilus Wilcox, B. S., Howard	New York, N. Y.
Hilton, Philip Arlis, A. B., Lincoln	Farmville, Va.
Hosein, Mozam	Trinidad, B. W. I.
Howard, Wioza Lee	Jacksonville, Texas
Johnson, Willis Carrington, A. B., Va. Union	New York, N. Y.
Lewis, Milton Carey	Washington, D. C.
Marshall, Lawrence Henry	Camden, N. J.
*Martin, Andrew Dibble, A. B., Biddle	Charlotte, N. C.
McCarter, L. Garfield	Magnolia Springs, Texas
Phillips, Alfred Augustus	Jamaica, B. W. I.

* Deceased.

Powell, Clilan Bethany	Newport News, Va.
Reid, Forest Monroe, A. B., Livingstone	Lowell, N. C.
Sampson, John Patterson, B. S., Howard	Asbury Park, N. J.
Saunders, Frank Augustus	Baltimore, Md.
Sherrill, George William, A. B., Livingstone	Landis, N. C.
Smith, Ebenezer Knox, A. B., Knoxville	Knoxville, Tenn.
Sutton, Carrie Jane	San Antonio, Texas
Walker, Micajah Theodore, B. S., Howard	Charlottesville, Va.
Warf, Ira Edward	Mt. Airy, N. C.
Whyte, William Elias	Grenada, B. W. I.
Williams, Frank Piercen, B. S., Howard	Uniontown, Pa.
Winston, James Frank	Enfield, Va.
Wynter, Thomas Aaron Percival	Jamaica, B. W. I.
Young, Walton Wheeler	Spartanburg, S. C.

FRESHMEN

Carper, James Shelton, B. S., Lincoln	Charleston, W. Va.
Christian, Albert Leonard, B. S., Howard	Yorktown, Va.
Dismukes, Henry Dodford	Montgomery, Ala.
Fairweather, Charles Andrew	Panama, R. P.
Gaikins, George Alvin, A. B., Philander Smith	Tillar, Ark.
Gooden, Earl Lucus, B. S., Howard	Parkersburg, W. Va.
Hightower, Nathaniel Dorsette, B. S., Howard	Montgomery, Ala.
Howard, Charles Bartholomew	Wilkes Barre, Pa.
Newman, Lloyd Henry, B. S., Howard	Washington, D. C.
Polk, Charles Carrington, B. S., Howard	Lawnside, N. J.
Rector, John King, A. B., Williams	Washington, D. C.
Robeson, William Drew, Jr., A. B., Lincoln	Somerville, N. J.
Rolon, Jose A. Lanauze	Coamo, Porto Rico
Stone, Emmons Braxton	Selma, Ala.
Sweet, Ossian Haven, B. S., Wilberforce	Bartow, Fla.
Tancil, Leon Algernon	Alexandria, Va.
Thomas, Nelson Morton, Ph. G., Northwestern	Washington, D. C.
Tucker, Jacob Triscott	Bermuda, B. W. I.
Turner, Ledrue William, B. S., Wilberforce	Oklahoma City, Okla.
Webb, Hayward Thomas	Preston, Md.
Wells, James Samuel, A. B., Howard	Chester, Pa.
Williams, Edwin Leon, A. B., Biddle	Goldsboro, N. C.

DENTAL COLLEGE

SENIORS

Astwood, Charles Eric	Turks Island, B. W. I.
Banks, Leonard Angell	Hampton, Va.
Banks, Thomas Jackson, B. Pg., Lincoln Institute	Chillicothe, Mo.
Blackwell, Arthur Brendhall	Steeltown, Pa.
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 Wooten	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.
Harris, Webster Lee	Charlottesville, Va.
Henry, Clifford Elwood	Wilmington, Del.
Hill, Seymour Scott, Jr.	Montclair, N. J.
Jackson, Robert Daniel	Philadelphia, Pa.
Jervay, Alonzo Webster	Wilmington, N. C.
Landin, Howard Chester.....	New York, N. Y.
Leary, Matthew Nathaniel, B. S., Biddle	Charlotte, N. C.
Lee, James Elliott	Washington, D. C.
Lord, Guy Adolphus	Grenada, B. W. I.
McAlister, Henry Adam	Fayetteville, N. C.
McKinney, Walter Victor	Washington, D. C.
Malone, Thomas Nathan, B. S., Alcorn	West Point, Miss.
Nicholson, Harvey Sylvester	Atlantic City
Owens, Henry Franklin.....	Cape May, N. J.
Palmer, William Patton	Winnipeg, Manitoba, Can.
Pookrum, Jasper Henry	Durham, N. C.
Preston, Charles Watts	Jacksonville, Fla.
Pyles, Oreal De Arond, B. S., Kansas	Pasadena, Cal.
Roach, Thomas Washington, B. P., Ky. Normal Inst....	Frankfort, Ky.
Robinson, Alexander Wilfred	Great Falls, Mont.
Savoy, Sevellon Davis	Washington, D. C.
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, Paul Lafayette.....	Yonkers, N. Y.
Spivey, Henry Perkins	Brewton, Ala.
Stafford, Alphonso Orenzo, Jr.	Washington, D. C.
Sullivan, John Wright	Wilmington, N. C.
Sykes, Frank Jehoy	Decatur, Ala.
Thompson, Charles Wilson, B. S., Howard	West Philadelphia, Pa.
Walton, Adolphus	Jamaica, B. W. I.
Ward, Milton Montgomery, B. S., Howard.....	Washington, D. C.
Watts, John Edward	Columbia, S. C.
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	Montserrat, B. W. I.
Williams, Daniel Barclay	Richmond, Va.
Wiseman, Melancthon, J. D.	Washington, D. C.
Young, Kenneth Mertonel	Spartanburg, S. C.

SOPHOMORES

Berwick, Richard Newall	Jamaica, B. W. I.
Bradley, Frank Ferrell	Roxbury, Va.
Calloway, Golden McKinley	Marysville, Ohio
Coleman, Nathaniel Henry	Albany, N. Y.
Coleman, William Perry, Ph. G., Shaw	El Paso, Texas
Dickerson, Enoch Wright, Phar. D., Howard	Baltimore, Md.
DuBissette, Hyacinthe Eustace	Grenada, B. W. I.
Duhaney, Amy Elise	Jamaica, B. W. I.
Foeman, Samuel Gary	New Haven, Conn.
Fowlkes, Leslie Arthur	Burkeville, Va.
Gibbs, Benjamin Disraeli	Barbadoes, B. W. I.
Godden, Charles Samuel	Jamaica, B. W. I.
Hart, William Henry	Evansville, Ind.
Hillman, John Garrard	Covington, Ky.
Hines, Ashley Austin, Jr.	Washington, D. C.
Holmes, Clarence Fitzhugh, Jr.	Denver, Colo.
Johnson, Herbert S., A. B., Biddle	Columbia, S. C.
Johnson, Powell,	Dallas, Texas

Johnston, Joseph Edward	Nashville, Tenn.
Kincaid, Leon	Pittsburgh, Pa.
Kirton, George Lyte	Barbadoes, B. W. I.
Lennox, Troy William	St. Louis, Mo.
Lewis, Huling Henry	Charleston, W. Va.
Lynch, Lionell Robert	Trinidad, B. W. I.
Miller, Stephen Douglas, Jr.	Des Moines, Iowa
Moore, Clarence Victor	Dayton, Ohio
Nicolson, Joseph Henry	Jamaica, B. W. I.
Park, Stewart Culin, A. B., Lincoln	Savannah, Ga.
Payne, Charles Benjamin	Charleston, W. Va.
Picou, Alexander Reginald	Trinidad, B. W. I.
Pollock, S. M.	Mexia, Texas
Roberts, Howard Clairmonte	Barbados, B. W. I.
Russell, Field Seveli, A. B., Biddle	Charlotte, N. C.
Taylor, Robert Beecher, Jr., A. B., Union	Richmond, Va.
Taylor, William Edward	Washington, D. C.
Thompson, Aston Laws	New York, N. Y.
Thompson, Robert Harry	Westfield, N. J.
Wheeler, Herbert T. W.	Dayton, Ohio
Young, Andrew Jackson	Franklin, La.
Young, Isaac Henry, A. B., Morgan	Philadelpia, Pa.

FRESHMEN

Barnette, John Fountain	Pittsburgh, Pa.
Becks, Godfrey Gerald	Staunton, Va.
Berry, Leon Austin	Conowingo, Md.
Boykin, Alonzo Edward	Raleigh, N. C.
Brown, Rudolph Wilbur	Moorestown, N. J.
Byrd, Cloud Otis, B. S., Alcorn	Washington, D. C.
Canaday, Eugene Miles	Norfolk, Va.
Carr, John Calvin, Phar. D., Howard	Salisbury, N. C.
Chatman, George Andrew	Philadelphia, Pa.
Chiles, John	Staunton, Va.
Cooper, William Marion	New York, N. Y.
Dyer, William Henry	Washington, D. C.
Edwards, Elmer Dewey	Washington, D. C.
Gatewood, Addie Beatrice	Richmond, Va.
Ghan, Glodie	Bloomington, Ind.
Gray, Clarence Colder	Washington, D. C.

Gunthorpe, Uriel Sigismund	New Rochelle, N. Y.
Hall, Clement Oliver	Raleigh, N. C.
Hall, Henry Myrtle	Greenville, Ky.
Hammond, Clarence James	Baltimore, Md.
Hargrave, Harold Mauney	Salisbury, N. C.
Howe, Lawrence Rogers	Wilmington, N. C.
Hubbard, James Madison	Clinton, N. C.
Ingram, John Harrison	Norfolk, Va.
Johnson, Arthur Burton	Topping, Va.
Johnson, Prince Algernon	Norfolk, Va.
Jones, Harry Carl	Muscotah, Kansas
Knox, Isaac Washington	Coffeyville, Kan.
Land, Alphonso Napoleon	Norfolk, Va.
Lander, Thomas Abraham	Chester, S. C.
Martin, Branger	Reserve, La.
Matthews, Reginald Daniel	Washington, D. C.
Miller, Erma Barbara	Paterson, N. J.
Morgan, James Christopher	Jamaica, B. W. I.
Morton, Clifford Calmetti	Steubenville, Ohio
Nicholas, John Quivers, Jr.	Washington, D. C.
Parker, Cephas Murray	Jacksonville, Fla.
Palmer, Otto Garnet	Newark, N. J.
Perkins, Roscoe Lewis	Trevilians, Va.
Peyton, Robert Kenneth	Lock No. 4, Pa.
Ray, Joseph Harold	Newtown, Conn.
Rolerfort, Louis Preston.....	Newark, N. J.
Roy, Charles Max	Lafayette, La.
Savoy, Leonard Douglass	Washington, D. C.
Sessoms, William Mason	Nashville, N. C.
Shirley, Farnandis	Birmingham, Ala.
Thomas, Ralph Frederick	Pittsburgh, Pa.
Tillis, William Benjamin	Arcadia, Fla.
Townsend, Harry Wheatland	Newport, R. I.
Walker, Augustus Cæsar	Thomasville, Ga.
Wilkinson, Vernon Orval	Fairbury, Neb.
Williams, Worth Armistead, A. B., Biddle	Charlotte, N. C.
Wilson, Harry Inge	Danville, Va.
Wooten, Leigh Frederick	Tallahassee, Fla.
Wyatt, Carey Thornton	Gloucester, Va.

PHARMACEUTIC COLLEGE

SENIORS

Ballard, William Henry, Jr.	Lexington, Ky.
Clark, Harold George	Akron, Ohio
Green, Burrell Harrison	Oak City, N. C.
Greenfield, Vincent Marshall	Washington, D. C.
Hall, William Bernard	Washington, D. C.
Hayes, John Edward	Union Level, Va.
Harlee, Norman Washington, Jr.	Dallas, Texas
Johnson, Nathaniel	Roanoke, Va.
Miles, Ferdinand Alphonso	Marshall, Va.
Mitchell, John Stafford	Lynchburg, Va.
Norflett, John Clarence	New York, N. Y.
Snowden, Ernest Otto	Halls Hill, Va.
Sweeney, Henry Clay	San Antonio, Texas
Watson, Charles Irving	Monroe, N. C.
Woods, Eldridge Garrett	San Antonio, Texas

JUNIORS

Coleman, Clyde Ashley	Seattle, Wash.
Earle, John Duncan	Brooklyn, N. Y.
Euell, Mary Catherine	Washington, D. C.
Garrett, York David, Jr.	Tarboro, N. C.
Hamilton, John Clifton	Washington, D. C.
Mosley, Georgie Spelman	Bellefonte, Pa.
Smyre, Robert Walton	Morganton, N. C.
Thompson, George Ashley	Greenwich, Conn.
Williams, Malvain Bernard	Richmond, Va.

FRESHMEN

Carter, Clarence Ashton	Washington, D. C.
Crampton, Adrain Emerson	Gettysburg, Pa.
Estill, Leland Fletcher	Covington, Ky.
Fennell, Theresa Irene	Baltimore, Md.
Harris, Albert Robinson	Edgeworth, Pa.
Harris, William Percival	Athens, Ga.
Harrison, Berkeley Alexander	Danville, Va.
Jackson, Allen Francis, Jr.	Washington, D. C.
Knox, Samuel Lucky, A. B., Livingstone	Salisbury, N. C.
Lewie, Arabella Evans	Columbia, S. C.
Smith, Richard Allyn	Troy, Pa.
Sumner, Murvin Stanton	Salisbury, N. C.

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SCHOOL OF LAW

SENIORS.

Booth, Guy Bryan	Washington, D. C.
Brice, George Edward	Annapolis, Md.
Brooke, Edward William	Fredericksburg, Va.
Browne, Joseph Grant	San Antonio, Texas
Chaplin, Edmund Marion	Round, S. C.
Clayton, Benjamin Wilbon, A. B., Howard.....	Montgomery, Ala.
Crawford, Robert Percy, B. S., Howard.....	Jacksonville, Fla.
Dingle, John Gordon, A. B., Howard.....	Savannah, Ga.
Ellis, Percy Langston	Disputanta, Va.
Hall, George Edgar, A. B., Howard.....	Greenville, Ky.
Hayes, George Edward Chalmers, A. B., Brown Univ..	Washington, D. C.
Hendley, Charles Vergne, A. B., Howard	Huntsville, Ala.
Henson, James Arthur	Washington, D. C.
Jackson, George Thomas, A. B., Howard.....	Philadelphia, Pa.
Key, Melvin Jefferson	Florence, Ala.
Kirksey, Thomas, A. B., Howard	Selma, Ala.
Lascot, Pedro	Arroyo, Porto Rico
Lyons, Thaddeus	Galveston, Texas
McDonald, Warren Nicholas	Lancaster, S. C.
McMurray, John Albert, B. S., Howard	St. Louis, Mo.
Perry, Julian Walker	Lynchburg, Va.
White, Herbert Ulysses	Norfolk, Va.

MIDLERS

Brandon, William Burwell	Portsmouth, Va.
Bright, James Becton	Norfolk, Va.
Dyson, Harry Alfred	Washington, D. C.
Graves, Willis Matthew, Jr.	W. Raleigh, N. C.
Gwathney, Benjamin Harrison	Washington, D. C.
Johnson, Carl Roman	Augusta, Ga.
Kitchen, William Chester	Kansas City, Mo.
Lyman, Webster Shoewalter	Marysville, Ohio
Mason, Charles Henry	Washington, D. C.
Morgan, Shadrack, B. S., State College	Orangeburg, S. C.
Parker, George Arthur.....	Roslyn, Va.
Peters, Euric Sylvian	Norfolk, Va.
Price, Roscoe DeWitt	Baltimore, Md.
Redmond, John Dennis	Holly Grove, Ark.
Robinson, Robert Whitfield	Washington, D. C.
Smith, Emory Byington, B. D., How'd, S. T. B., Yale, Washington, D. C.	
Tansil, Alonzo Ezra	Mound City, Ill.
Wallace, Jesse Philip	St. Joseph, La.
Winfrey, James Sanford.....	Kosciusko, Miss.

JUNIORS

Allahar, Victor Emanuel	Trinidad, B. W. I.
Brooks, Samuel Lloyd, A. B., W. & J. Col.	Washington, Pa.
Buckner, William Thomas, B. S., Howard	Baltimore, Md.
Butts, George Irvin	Reading, Pa.
Davis, John Albert	Dallas, Texas
Doby, Lewis	Magnolia, Ala.
Dyett, Thomas Benjamin Darrell	New York City
Flagg, Pearl Olive	Washington, D. C.
Frey, Thomas Martin	Cincinnati, Ohio
Greene, Harry Maceo	Lawrenceville, Va.
Herndon, Robert Wilton, Jr.	Houston, Texas
Hewlett, James Henry	Philadelphia, Pa.
Jackson, DeForest Carroll	Jackson, Miss.
Jones, Chester Elliott	Oklahoma City, Okla.
Macbeth, Gobert Elliott	Baltimore, Md.
Miner, Uzziah	Fay, Okla.
Monroe, Joseph Hamilton	Providence, R. I.
McDonald, William Madison, Jr.	Fort Worth, Texas
Portlock, Louis Henry	Norfolk, Va.
Rainey, Joseph Lorenzo, Jr.	Newport News, Va.

Robinson, Robert Sidney	Richmond, Va.
Rose, Claude Melvin, B. S., Howard	Washington, D. C.
Runner, Archibald	Wilmington, Del.
Smith, Ralph Herman	Moultrie, Ga.
Thomas, Charles Sumner	Washington, D. C.
Tucker, Harvey Vestovia	Texarkanna, Ark.-Texas
Waddy, Warren Robinson, B. S., Paul Quinn	Columbia, Texas
Webster, George Alexander Milton	Meridian, Miss.
White, Walter Augustus	Everett, Mass.
Withrow, Chauncey Isaiah, B. D., Howard	Washington, D. C.
Woodson, Robert Waverly	Washington, D. C.

SUMMARY

Seniors	22
Middlers	19
Juniors	31

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ACADEMY

SENIORS

Ackiss, Smallwood Washington	Virginia Beach, Va.
Andrews, Everard Aloysius	St. David's, Grenada, B. W. I
Baker, John Richmond	Harrisburg, Pa.
Boyd, Charles Sumner	Prescott, Ark
Brooks, Ulysses Simpson	Jamesville, N. C.
Brown, Aguilar Augustus	Detroit, Mich.
Bryan, Elbert Eure, Jr.	Tarboro, N. C.
Bryan, Leo Bernard	Tarboro, N. C.
Carter, Fred Douglas	Reidsville, N. C.
Challenor, Robert Lincoln	Brooklyn, N. Y.
Christian, Peter Charles	St. Joseph, Dominica, B. W. I.
Collimore, Errold Duncan	New York, N. Y.
Cuffee, Melvin Willie Douglas	Moyock, N. C.
Davis, Lorraine Howard	New York City, N. Y.
Dickson, Harry Lewis	Detroit, Mich.
Evans, Grace Lee	Gloucester, Va.
Fairclough, George Ellis	Colon, Panama
Fairclough, Lewis Hyman	Colon, Panama
Fisher, Ferdinand Edward	Baltimore, Md.
Flipping, Keiffer Meades	East Radford, Va.
Gilpin, Zenobia Gustava	Richmond, Va.

Gordon, Nathan Rudolph	Colon, Panama
Green, Clarence Peter	Norfolk, Va.
Green, Eli	Mound Bayou, Miss.
Harmon, John Wesley	Dover, Del.
Herbert, William Gordon	New York, N. Y.
Holder, Ernest Colville	St. James, Barbadoes, B. W. I.
Jacobs, Edmond Roscoe	Rich Square, N. C.
Johnson, Lonnie	Weeksville, N. C.
Jones, Dorotha Minerva.....	Lynchburg, Va.
Jones, Fleming Adolphus, Jr.	Spartanburg, S. C.
Lee, Irene Betty	Springfield, Mass.
Lucas, Louis Bruno	Rocky Mount, N. C.
McGhee, Richard Samuel	Memphis, Tenn.
Miles, John Marshall	Harrisburg, Pa.
Miller, Irene	Washington, D. C.
Mundy, Alice Katherine	Henderson, Ky.
Murray, James Edward	Charlottesville, Va.
Murray, Roscoe Conkling	Charlottesville, Va.
Neal, Irma Carr	Winston-Salem, N. C.
Parker, Isham Lemuel	Tarboro, N. C.
Pendleton, John Thomas	Louisville, Ky.
Plummer, Harry Vinton	Hutchinson, Kan.
Scott, Walter Lambert	Poplar Bluff, Mo.
Skinner, Charles Sumers	New Haven, Conn.
Smith, Olive Bird	Springfield, Mass.
Styles, Fitzhugh Lee	Jacksonville, Fla.
Thomas, Gilbert Newton	Cristobal, C. Z.
Thomas, Rachel Sinkler	York, Pa.
Vilain, Percy Eugene	Colon, Panama
Ward, James Cardinal	New York, N. Y.
Waters, Golder	Ambler, Pa.
Williams, Ferdinand DeLeon	New York, N. Y.
Williams, Wyoming	Tampa, Fla.

MIDLERS

Alston, Richard Alexander	Warrenton, N. C.
Anderson, Edward Walter	Smith, Ark.
Andrews, Norman Percival	Sumter, S. C.
Bain, William Mathias	St. George's, Grenada, B. W. I.
Blackman, Theodore Frederick.....	Goldsboro, N. C.
Brown, Earl Louis	Alexandria, Va.

Burton, Andrew Samuel	Brooklyn, N. Y.
Clark, Beatrice Mae	Wilmington, Del.
Clarke, Clifford Louis	Somerville, Mass.
Cook, George William, Jr.	Washington, D. C.
Davis, John Alexander	Hampton, Va.
Fitzgerald, John McFarland	Baltimore, Md.
Foster, Larry Jerome	Chester, S. C.
Goodloe, Reed Carey	Bowie, Md.
Graham, Robert Lloyd	Boston, Mass.
Graves, Ruth Windley	Roper, N. C.
Green, William Beecher	Lawrenceville, Va.
Gregory, George Washington	Morristown, N. J.
Guenveur, Harry Anthony	Charleston, S. C.
Gundy, Esther Viola	Haverhill, Mass.
Hamlett, Horace Irvin Taylor	Colon, Panama
Hardwick, Harry Coles,	Savannah, Ga.
Hardwick, Pezavia Eugene	Savannah, Ga.
Hawthorne, Frank Leroy	Montgomery, Ala.
Haynes, Waymon Arthur	Paris, Tenn.
Henry, Charles Alexander	Dover, Del.
Hopps, Abe Albert	Live Oak, Fla.
Johnson, Josephine Frazier	Washington, D. C.
Jones, Dan L.	Stephens, Ark.
Jones, Mayme Belfield	Washington, D. C.
Kelly, Ernest Harry	Poplar Bluff, Mo.
Kirby, Harry Walters	Centreville, Md.
Lewis, Edna Earl	Jersey City, N. J.
Lewis, Mozella Esther	Chattanooga, Tenn.
Lightner, Evelyn Annie	Portsmouth, Va.
Looby, Zephaniah Alexander	Parham, Antigua, B. W. I.
McComb, Elouise Bell	Washington, D. C.
McMillan, Lewis Kennedy	Allendale, S. C.
Mallory, Sadie Deloin	Locust Dale, Va.
Miles, John Marshall	Harrisburg, Pa.
Minor, Willie Armstead	Brighton, Ala.
Moss, David Wellington	Bumpass, Va.
Neverson, George Lemuel	San Juan, Trinidad, B. W. I.
Patton Irene Lee	Owensboro, Ky.
Perry, Annie Victoria	Charlotte, S. C.
Rayford, Samuel	Clarksdale, Miss.
Roach, Charles Archibald	Bridgetown, Barbadoes, B. W. I.

Scanlan, Corinne Adelaide	Charleston, S. C.
Saunders, Ottawa Jefferson	Washington, D. C.
Simmons, Morgan Samuel	Oldmill, Va.
Smith, Clarence Walker	Billings, Mont.
Stevens, Thomas Anthony, Jr.	Lynchburg, Va.
Sweeney, Thomas Rufus	New York, N. Y.
Taylor, Robert Rochon	Tuskegee, Ala.
Terry, William Henry	Philadelphia, Pa.
Trent, Irene Delilia	Hinton, W. Va.
Warricks, Ralph Carlyle	Harrisburg, Pa.
White, Luther Alexander	New York, N. Y.
Willis, Eugene Bienville	Monroe, La.
Wood, James Garland	Cotton Plant, Ark.
Woods, William Daniel, Jr.	Washington, D. C.
Young, John Farrar	Suffield, Conn.

SUB-MIDLERS

Alexander, Shirley Campbelle	Caledonia, N. Y.
Andrews, Fraunsa Fostilla	Washington, D. C.
Arnold, Ernest	Stephens, Ark.
Arnold, Thomas Jefferson	Stephens, Ark.
Baylor, Joseph Richard	Phoebus, Va.
Bell, Stephen Anderson	Louisville, Ky.
Best, Shaphan Oliphant	St. Phillip's, Barbadoes, B. W. I.
Bolling, Matthew Luther	Tampa, Fla.
Brandon, Howard Edward	Danville, Va.
Breckenridge, Walter Frank	Ashland, Ky.
Brown, William Huggin	Florence, S. C.
Bush, Clarence Raymond	Herndon, Va.
Colin, Edmond Henry	Tuscaloosa, Ala.
Conner, Robert Louis	Brooklyn, N. Y.
Connor, Mabel Annetta	Ithaca, N. Y.
Crichton, Francis Duvall	Lynchburg, Va.
Crosby, Irving Grant	Hartford, Conn.
Davidson, George Count	Evansville, Ind.
Featherson, Antoney	New York, N. Y.
Freeman, Clyde Crusor	Washington, D. C.
Gousse, Christian Marc	Jacmel, Haiti
Harris, Charles Lewis	Denton, Ga.
Haugabook, Eva Lou	Albany, Ga.
Tenderson, Nat Quincy	Houston, Texas

Holland, Clinton McHenry	Bryceland, La.
Hopkins, Claude Driskett	Washington, D. C.
Jackson, Clayton McKinley	Washington, D. C.
Jackson, Dewey Wright	Washington, D. C.
Jackson, Lee	Gibsland, La.
Jefferson Edward Wilson	Muskogee, Okla.
Kirton, Leonard Arthur	Bridgetown, Barbadoes, B. W. I.
Lofton, Harry Floyd	Jacksonville, Fla.
Lomax, George Clemons	Manassas, Va.
Luck, Winston Hogue	Danville, Va.
McPherson, Emeline Isabelle	Yallahs, Jamaica, B. W. I.
Marksman, Eldon Galwey	St. Georges, Grenada, B. W. I.
Mitchell, Oliver	Buffalo, N. Y.
Mizell, St. Leon	Norfolk, Va.
Montgomery, Renfro Gravath	Clarksdale, Miss.
Moore, Mentoria Edith	Washington, D. C.
Mundy, Mary Elizabeth	Henderson, Ky.
Oliver, Mabel Grey	Danville, Va.
Orr, Lester James	New York, N. Y.
Pack, Edgar Clinton	Griffin, Ga.
Peterson, Leon Adam Crege, Jr.	Meridian, Miss.
Pettie, Foster Blodgett	Savannah, Ga.
Poles, Charles Lovell	Caledonia, N. Y.
Robinson, Ruby Alton	Petersburg, Va.
Sadler, Flossie Alberta	Clifton Forge, Va.
Scarborough, William Crosby Lamount	Oxford, N. C.
Scott, Anna Mae	Muskogee, Okla.
Smith, Geikie Mason	Barnesville, Ga.
Spence, Cyril Alexander	Colon, Panama
Spennie, Edward Hunter, Jr.	Hampton, Va.
Spriggs, Ethel Francis	Washington, D. C.
Stallings, Leo Patrick	Madison, N. J.
Steel, Annabel Ruth	Vicksburg, Miss.
Tanner, Sarah Elizabeth	Washington, D. C.
Villate, Edmond Aime	Cyes, Haiti
Walker, Jesse Henderson	Salisbury, N. C.
Walton, Isabelle Smith	Liverpool, England
Warner, Louis Johnson	Brooklyn, N. Y.
Whitley, Hattie Belle	Goldsboro, N. C.
Whitmore, Webb	Dallas, Texas
Williams, Joseph Adolphus	Colon, Panama

Williams, Sidney Willis	Bolivia, N. C.
Williams, Stanley Paige	Richmond, Va.
Young, James Clarence	Newberry, S. C.

JUNIORS

Allen, Harold Stanley	Philadelphia, Pa.
Amos, Henry Augustus	Chicago, Ill.
Anderson, Olin Conrad	Fruitland, Md.
Austin, Clarence Eugene	St. Louis, Mo.
Avery, Cyrus Edison	Nyack, N. Y.
Barber, Willie Arthur	Rockhill, S. C.
Baskerville, Britton Commillus	Baskerville, Va.
Bell, Adeline Estelle	Washington, D. C.
Bell, Percy Bernard	Washington, D. C.
Boxley, Washington Ernest	Louisa, Ky.
Bratton, James Monroe	Winnsboro, S. C.
Brown, Sybil Althea	Latium, Jamaica, B. W. I.
Chase, William Henry	Sandy Springs, Md.
Colley, Edward Duvall	Cincinnati, O.
Cook, Charles Anthony, Jr.	Hurt, Va.
Davis, Mildred Odessa	Washington, D. C.
Duncan, Vivian Kenneth	Richmond, Va.
Edwards, Henry Cicero	Washington, D. C.
Eleazer, Chauncey DePew	Southampton, N. Y.
Ford, Adolph Segal	Raubsville, Pa.
Gibson, Bernard Powell	Middleburg, Va.
Gilmore, Albertina Brown	Washington, D. C.
Goodman, George Walter	Hartford, Conn.
Green, Ferdinand Augustus	Bluefields, Nicaragua, C. A.
Green, William John	Buffalo, N. Y.
Hardwick, Herbert Natal	Savannah, Ga.
Harris, Beatrice	Flushing, N. Y.
Hayes, Wallace Sioux	Jacksonville, Fla.
Hopson, Robert Clinton	Poquoson, Va.
Jackson, Manuel Dennie	Dalton, Ga.
Johnson, Susan Jane	Lewisburg, W. Va.
Johnson, Tom James	Monroe, La.
John, Robert Cyril	New York, N. Y.
Lewis, Sara Bettie	Washington, D. C.
Lightfoot, Hobson Henry	Culpeper, Va.
Livingstone, Stanmore Hampton	Asheville, N. C.
Lockett, Davidson	Philadelphia, Pa.

Louis, Lionel Samuel Kelly	Choiseul, St. Lucia, B. W. I.
Lounce, Luberta	Cotton Plant, Ark.
Marshall, Samuel Theodore	Brooklyn, N. Y.
Mask, William Augustus	Wilmington, N. C.
Mason, James Alfred	Somerville, Texas
Miller, Stepson Darrel	St. Martinville, La.
Neal, George Washington	Syracuse, N. Y.
Palms, Thomas Phillip	Lincoln, Neb.
Redmond, Ida May	Manassas, Va.
Shelby, Magnus Josephus	Havana, Fla.
Sherard, Julius Cæsar	Clinton, N. C.
Sterling, Mary Pearl	Washington, D. C.
Sutton, Willie	Pewee Valley, Ky.
Thompson, Minnie Beatrice Gertrude	Goahoma, Miss.
Tolbert, Charles Eugene	Greenfield, Mass.
Turner, Theodosia	Warrenton, Va.
Wallace, Weida Ferne	Colorado Springs, Colo.
Washington, William Thomas	Portland, Ark.
Watson, Abraham	Harrellville, N. C.
Williams, Bryant Hamilton	Tampa, Fla.
Williams, Fowler Clyde	Louisberg, N. C.
Williams, John Louis	Billings, Mont.
Williams, Maud Captola Pigford	Washington, D. C.
Wright, Rodger Sylvester	Philadelphia, Pa.

UNCLASSIFIED

Blackmon, Claude Wesley	Goldsboro, N. C.
Boyd, William David	Summerville, Tenn.
Brown, Paul Ervin	Perry, N. Y.
Bryant, Joseph Lafayette	Eufaula, Ala.
Carter, Harlan Allen	Harrisburg, Pa.
Fayerman, Fannie Cornelia	Petersburg, Va.
Foster, Obadiah Madison	Tuscaloosa, Ala.
Gibson, Mabel May	Washington, D. C.
Graham, Edward Addison	Boston, Mass.
Groomes, Roland Oscar	Baltimore, Md.
Henderson, Lawrence Hoojser	Boston, Mass.
Hickman, Magnolia	Sapulpa, Okla.
Hughes, Milton Eugene	Norfolk, Va.
Johnson, Benjamin Tanner	Philadelphia, Pa.
Johnson, Pattie Louana	Petersburg, Pa.

King, Walter Nathaniel	Wicomico, Md.
Leach, Hattie	Sault Sainte Marie, Mich
McGhee, Norman Leroy	Atlanta, Ga.
Monroe, Harold James	Topeka, Kan.
Motte, Jesse Evelyn	Denmark, S. C.
Murray, Paul Evans	Washington, D. C.
Parker, August Francis	Mobile, Ga.
Peck, Vivian Nathaniel	Baltimore, Md.
Queenan, Samuel Sylvester	Washington, D. C.
Ruffin, Hardy Blaine	Mason, Tenn.
Smith, Clarence Louis	St. Paul, Minn.
Starks, Marie Johnetta	Dallas, Texas
Taylor, Viola Treara	Leavenworth, Kan.
Travis, John Harold	Lawrenceville, Va.
Washington, Hazel May	South Bend, Ind.
Watson, Augusta Dart	Charleston, S. C.
Wesson, Maurice Montera	Jersey City, N. J.
Williams, Wesley Cecil	Los Angeles, Cal.
Williams, Isadore	Washington, D. C.
Yoncey, Alice Elizabeth	New York, N. Y.

SUMMARY

Seniors	53
Middlers	62
Sub-Middlers	68
Juniors	61
Unclassified	35
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Total	279

COMMERCIAL COLLEGE

FOURTH YEAR

Bacote, Harriet	Ansonia, Conn.
Brown, Edward Weeks	Churchville, Md.
Bell, William Kenan	Beaufort, N. C.
Greathart, Lilliemae	Atlanta, Ga.
Holt, Annie Thorp	Haw River, N. C.
Jones, Katherine E.	Springfield, O.
Johnson, Claudia	Jacksonville, Fla.
Ruffin, Hardy	Mason, Tenn.
Weatherless, Ellis	Washington, D. C.

THIRD YEAR

Boyd, William	Sommerville, Tenn.
Cameron, John D.....	Brunswick, Ga.
Cook, Ernest L.	Bena, Va.
Gahm, Henry	Indianapolis, Ind.
Hedgemon, Norman	Bennings, D. C.
Hicks, Harrison	Keishaw, S. C.
Henderson, Ramsey	Rusk, Texas
May, Lezandro	Sanandres, Rep. Columbia
Moore, James	Richmond, Va.
Martin, Madge	Thelma, N. C.
Neblett, Martha	New York, N. Y.
Payne, Augusta	New York City
Price, Blanche Beatrice.....	Philadelphia, Pa.
Reed, Rozelle	Colorado Springs, Colo.
Rhodes, Alonza	Augusta, Ga.
Woods, Robert	Houston, Texas
Younger, Cora	Pittsburgh, Pa.

SECOND YEAR

Burroughs, Alvin Dunbar	Brunswick, Ga.
Dodson, Wm. E.	San Antonio, Texas
Gibson, Lloyd Miller	Smith Mills, Ky.
Gwaltney, James H.	Philadelphia, Pa.
Hughston, Clinton DeWitt	Washington, D. C.
Jackson, Wisner	Jericho, L. I.
Jones, Ethel	Newport News, Va.
King, Andrew Maze	Seminole, Okla.
Mackay, Frank	Aiken, S. C.
Nelson, Joseph H.	Princeton, N. J.
Phillips, John Edward	Bricks, N. C.

FIRST YEAR

Amos, Henry Argustus	Chicago, Ill.
Alexander, Alma	Montgomery, Ala.
Bowman, Alice	Washington, D. C.
Brown, Modesai	Savannah, Ga.
Gwaltmey, James	Philadelphia, Pa.
Hawk, Greene	Atlanta, Ga.

Jones, Clarence C.	Newport News, Va.
Johnson, Edith Annyette	Gordonsville, Va.
Lucy, Wm. Herbert	McKenney, Va.
Smith, Ruth Consuella	Washington, D. C.
Washington, William I	Portland, Ark.
Walton, George Dewey	Boston, Ga.

SPECIAL STUDENTS

Allen, Harold S.	Philadelphia, Pa.
Bagnall, Wanser I.	Norfolk, Va.
Best, Shaphan O.	Barbados, B. W. I.
Board, Nannie Goodall	Louisville, Ky.
Bratton, Monroe James	South Carolina
Breckenridge, Walter	Ashland, Ky.
Bright, John F.	Washington, D. C.
Brown, Grace	Washington, D. C.
Browne, Sybil	Jamaica, B. W. I.
Brown, Sydney P.	Edwards, Miss.
Brooks, Ulysses G.	Jamesville, N. C.
Bruns, Mabel F.	St. Joseph, Mo.
Burnside, M. Talita	Washington, D. C.
Caine, Anne Mae	Fall River, Mass.
Cain, Pearl R.	Lincoln Heights, D. C.
Cameron, Kathryn L.	Canton, Miss.
Carter, W. J.	Harrisburg, Pa.
Cæsar, Olive C.	Sharon, Conn.
Clarke, Madeline	Hampton, Va.
Coates, Vivian	Pittsburgh, Pa.
Colum, Hazekiah S.	Miniffee, Ark.
Cook, Louise	Washington, D. C.
Cook, Mrs. Louise	Washington, D. C.
Cooper, Anna	Wilmington, Del.
Cousins, Grace	Cumberland, Ohio
Craft, Julia E.	Charleston, S. C.
Davis, Lorraine	New York City
Foster, Larry	Chester, Pa.
Francis, Pearlina	Washington, D. C.
Garrett, Mabel	Washington, D. C.
Georges, Thomas	Road Town, B. W. I.
Gilmore, A. C.	Rockhill, S. C.
Greene, George	Pittsburgh, Pa.

Hammans, Arthur L.	San Antonio, Texas
Harris, Rhoderick	Athens Ga.
Hatchette, Mae	Petersburg, Va.
Hawkins, Mary	Washington, D. C.
Haydell, Clarence	Wallace, La.
Hopewell, Holda	Martinsburg, W. Va.
Hopson, R. C.	Powuioson, Va.
Hughes, R. Milton	Norfolk, Va.
Hunter, Jerome	Chicago, Ill.
Hutchins, Olga	Washington, D. C.
Jackson, Clayton	Washington, D. C.
Jordan, Thelma	Washington, D. C.
Keene, Jesse	Washington, D. C.
Lee, A. J.	Helena, Mont.
Lee, Jane Elizabeth	Springfield, O.
Lindsay, Arnett G.	Atlanta, Ga.
Lounce, Luverta	Cotton Plant, Ark.
Marcello, Glascoe	Washington, D. C.
Mason, Ruth	Topeka, Kan.
Miles, John	Harrisburg, Pa.
Miller, Mae	Washington, D. C.
Monroe, Harole	Washington, D. C.
Myers, Perry	Washington, D. C.
Neal, Irma	Winston, N. C.
Oden, Mabel	Garfield, O.
Osborne, John	Hope Hall, Ala.
Parkhurst, Jesse	Atlanta, Ga.
Parker, Isham	Cambridge, Mass.
Peters, Constant	Washington, D. C.
Reese, William	Kansas City, Mo.
Rhodes, Margaret	Columbia, S. C.
Richardson, Percy	New Rochelle, N. Y.
Sims, Pauline	Atlanta, Ga.
Smallwood, Ruth	Washington, D. C.
Smith, Rose	Washington, D. C.
Smith, Alvin	New Orleans, La.
Smith, J. B.	Bainessville, Ga.
Starks, Marie	Dallas, Texas
Thomas, Stanley	Washington, D. C.
Thornhill, A. C.	Montelan, N. J.
Wallace, Weida	Colorado Springs, Colo.

Walton, Isabelle	Washington, D. C.
Washington, Georgia	Denver, Colo.
Watkins, Price	Little Rock, Ark.
Webb, Mary	Washington, D. C.
Williams, John E.	Wisconsin
Williams, Bryant	Tampa, Fla.
Wright, Enos	New Haven, Conn.
Wright, Roger	Philadelphia, Pa.
Young, Alice E.	New York City

SUMMARY

Fourth Year	9
Third Year	17
Second Year	11
First Year	12
Special Year	84
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Total Year	134

GENERAL SUMMARY

College of Arts and Sciences	335
Teachers College	114
School of Manual Arts and Applied Sciences	257
Conservatory of Music	113
School of Theology	51
School of Medicine	302
School of Law	72
Academy	279
Commercial College	134
Total	1,657
Names duplicated	164
Correct Total	1,493
Correspondence students (not counted above)	90
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Final Total	1,583

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.

REPRESENTATION BY STATES AND COUNTRIES 261

	A.	S.	T.	C.	M.	A.	Con.	Theol.	Med.	Law	Acad.	Com.	Bus.	Total
Alabama	7	2	3	4	...	6	5	7	2	...	...	...	...	...
Arkansas	3	...	5	1	1	2	1	8	4	...	...	...	...	...
California	1	...	...	...	...	1	...	1	...	...	...	...	...	...
Colorado	2	...	1	1	...	1	...	1	4	...	...	...	...	...
Connecticut	4	2	3	1	...	4	...	4	3	...	...	...	...	...
Delaware	...	...	...	...	1	3	1	3	1	...	...	...	...	...
District of Columbia	96	34	125	41	12	37	13	26	28	...	...	...	...	...
Florida	8	...	1	...	1	8	1	8	2	...	...	...	...	...
Georgia	10	2	7	7	...	5	3	10	9	...	...	...	...	...
Illinois	3	...	1	1	...	3	1	1	2	...	...	...	...	...
Indiana	...	1	...	4	1	2	...	2	1	...	...	...	...	...
Iowa	...	...	...	...	...	2	...	...	...	...	...	...	...	...
Kansas	...	2	1	1	1	2	...	3	1	...	...	...	...	...
Kentucky	15	2	4	5	2	10	1	8	4	...	...	...	...	...
Louisiana	5	1	3	...	...	4	1	5	3	...	...	...	...	...
Maryland	26	6	5	2	4	14	4	9	1	...	...	...	...	...
Massachusetts	5	2	3	3	1	...	1	8	2	...	...	...	...	...
Michigan	4	1	...	...	1	...	...	3	...	...	...	...	...	...
Minnesota	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Mississippi	3	2	5	...	...	2	3	6	2	...	...	...	...	...
Missouri	3	2	1	1	...	5	2	3	2	...	...	...	...	...
Montana	1	1	1	...	...	1	...	2	1	...	...	...	...	...
Nebraska	1	...	...	...	...	2	...	1	...	...	...	...	...	...
Nevada	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Hampshire	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Jersey	10	3	3	1	3	13	0	4	2	...	...	...	...	...
New York	9	5	16	3	1	13	1	26	6	...	...	...	...	...
North Carolina	7	2	6	3	2	29	1	25	7	...	...	...	...	...
Ohio	4	4	...	2	...	7	2	1	4	...	...	...	...	...
Oklahoma	8	...	2	2	1	2	2	3	1	...	...	...	...	...
Pennsylvania	11	8	7	7	3	22	4	12	12	...	...	...	...	...
Rhode Island	2	...	...	...	...	1	1	...	...	...	...	...	...	...
South Carolina	11	2	5	2	1	11	3	12	6	...	...	...	...	...
Tennessee	2	...	3	2	...	3	...	5	2	...	...	...	...	...
Texas	16	5	5	5	2	12	7	4	5	...	...	...	...	...
Virginia	31	15	27	3	5	37	12	40	11	...	...	...	...	...
Washington	...	...	1	1	...	1	...	...	...	...	...	...	...	...
West Virginia	10	9	3	1	1	5	0	2	2	...	...	...	...	...
Africa	...	1	...	...	...	...	...	...	...	...	...	...	...	...
British West Indies	10	...	6	1	4	28	1	13	4	...	...	...	...	...
Canada	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Central America	...	...	1	2	...	...	...	1	...	...	...	...	...	...
Colombia	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuba	...	...	1	1	...	...	...	...	...	...	...	...	...	...
England	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Haiti	...	...	...	1	...	...	...	1	...	...	...	...	...	...
India	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panama	...	...	1	...	...	1	...	8	...	...	...	...	...	...
Porto Rico	2	...	...	...	...	2	1	...	...	...	...	...	...	...
Russia	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South America	...	...	...	1	3	...	...	...	...	...	...	...	...	...
Total	335	114	257	113	51	302	72	270	134	164	1403	...	...	...

GENERAL ALUMNI ASSOCIATION OF HOWARD UNIVERSITY

President, Shelby J. Davidson, A. B.

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Secretary, William W. Cohran, LL. B.

Treasurer, Miss Nellie M. Quander, A. B.

Financial Secretary, Robert A. Pelham, LL. B.

EXECUTIVE COMMITTEE

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(Signed)

te

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.

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1. College of Arts and Sciences
2. Teachers College
3. Academy
4. Commercial College
5. School of Manual Arts and Applied Sciences

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2. Library School
3. School of Theology
4. Medical College
5. Dental College
6. Pharmaceutical College
7. School of Law

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WASHINGTON, D. C.

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HOWARD UNIVERSITY

WASHINGTON, D. C.

CATALOGUE



1918-1919



VOL. XIII

MAY, 1919

No. 5

CATALOGUE
Howard University
1918-1919



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WASHINGTON, D. C.

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UNIVERSITY CALENDAR

1919-1920

1919

- May 19, Monday----- }
May 20, Tuesday----- } May Festival of School of Music.
May 21, Wednesday----- }
May 28, Wednesday, 8 p. m....Class Day of the Commercial College,
the Academy, and the Normal
Training Classes.
8 p. m... Graduation Exercises of the Commer-
cial College, the Academy, and the
Normal Training Classes.
May 29, Thursday, 10 a. m....Alumni Reunion, the School of Re-
ligion.
8 p. m....Graduation Exercises of the School of
Religion.
June 1, Sunday, 4:30 p. m....Baccalaureate Sermon.
June 2, Monday,-----Class Day, the School of Liberal Arts
and the Professional Schools.
8 p. m....Campus Sing.
June 3, Tuesday, 10 a. m....Annual Meeting of Board of Trustees.

ALUMNI DAY

8 p. m.—Open Air Performance

- June 4, Wednesday, 4 p. m...COMMENCEMENT
June 5 to September 27....Summer Vacation.
September 25-28Entrance Examinations.
September 27, Saturday.. } *Registration Days for Autumn Quar-
September 29, Monday---- } ter.
September 30, Tuesday-----Autumn Quarter Begins.
November 27, Thursday--- }
November 28, Friday----- }
November 29, Saturday----- } Thanksgiving Recess.
November 30, Sunday----- }

*NOTE: No student will be permitted to enter after the opening day of the quarter, except by vote of the Board of Examiners and the payment of a late registration fee of \$5.00.

1919

November 27, Thursday-----Alumni Reunion.

December 22, Monday----- }
December 23, Tuesday----- } Examinations for Autumn Quarter.

December 23, Tuesday-----Autumn Quarter Ends.

December 24 to 29, inc.-----Christmas Recess.

December 27, Saturday----- }
December 29, Monday----- } *Registration Days for Winter Quarter.

December 30, Tuesday-----Winter Quarter begins.

1920

January 1, Thursday -----New Year's Day

February 6, Friday-----Semi-annual Meeting of Board of Trustees.

February 22, Sunday-----Washington's Birthday.

March 2, Tuesday-----Charter Day.

March 19, Friday----- }
March 22, Monday----- } Examinations for Winter Quarter.

March 22, Monday-----Winter Quarter Ends.

March 20, Saturday ----- }
March 22, Monday ----- } *Registration Days for Spring Quarter.

March 23, Tuesday -----Spring Quarter begins.

April 2, Friday----- }
April 3, Saturday----- }
April 4, Sunday----- } Easter recess.
April 5, Monday----- }

May 30, Sunday-----Decoration Day.

June 10----- }
June 11----- } Examinations for Spring Quarter

June 11, Friday-----Spring Quarter ends.

June 11, Friday-----COMMENCEMENT.

*NOTE: No student will be permitted to enter after the opening day of the quarter, except by vote of the Board of Examiners and the payment of a late registration fee of \$5.00.

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Professor of Obstetrics.
- ANDREW WILSON, PH. D., D. C. L.-----The Ontario
*Professorial Lecturer on Equity, Brief Making, and use of Law
 Books.*
- FRANK PORTER WOODBURY, A. M., D. D.-----601 Howard Place
Professor of Homiletics and Pastoral Theology.

*On leave of absence, 1918-1919.

CARTER GODWIN WOODSON, PH. D.-----Howard University
Dean of School of Liberal Arts; Professor of History.

WILLIAM JOHN BAUDUIT., S. M.-----1913 Thirteenth Street
Associate Professor of Mathematics.

ALONZO HERTZEL BROWN, A. M.-----405 T Street
Associate Professor of Mathematics.

AUSTIN MAURICE CURTIS, A. M., M. D.-----1939 Thirteenth Street
Associate Professor of Surgery.

WALTER DYSON, A. M.-----Howard University
Associate Professor of History and Government.

*ALBERT RIDGELEY, M. D.-----950 S Street
Associate Professor and Demonstrator of Anatomy.

CHARLES IGNATIUS WEST, M. D.-----924 M Street
Associate Professor of Anatomy.

NUMA POMPILIUS GARFIELD ADAMS, A. M.-----127 Seaton Pl.
Assistant Professor of Chemistry.

CARYL BURBANK, M. D.-----2147 F Street
Assistant Professor of the Principles and Practice of Medicine.

MONTGOMERY GREGORY, A. B.-----Howard University
Assistant Professor of English.

CAMPBELL CARRINGTON JOHNSON, CAPTAIN, U. S. A.-----902 T Street
Assistant Professor of Military Science and Tactics.

LEONARD ZACHARIAH JOHNSON, A. M., D. D.-----918 Westminster Street
Assistant Professor of English.

ALAIN LEROY LOCKE, PH. D.-----1326 R Street
Assistant Professor of Philosophy

*On leave of absence during the war.

OFFICERS OF INSTRUCTION

15

- MARTHA MACLEAR, A. M.-----1475 Columbia Road
Assistant Professor of Elementary Education; Director of Kindergarten Training Department.
-
- FREDERICK PELHAM BARRIER, D. D. S.-----Alexandria, Va.
Superintendent of Dental Infirmary; Lecturer on Dental Anatomy.
- JAMES PERCY BOND-----1103 U Street
Lecturer in Life Insurance.
- WILLIAM NAYLOR BUCKNER-----629 Acker Street
Instructor in Wood Work and Drawing.
- *FRANK COLEMAN, B. S.-----1926 Sixth Street
Instructor in Physics.
- MADELINE VIOLETTA COLEMAN-----2356 Sixth Street
Instructor in Piano and Organ.
- ELIZABETH APPO COOK-----1915 New Hampshire Ave.
Instructor in Spanish.
- EDGAR COPELAND, M. D.-----Fifth and W Streets
Lecturer on Pediatrics.
- CLARENCE BENJAMIN CURLEY, A. B., LL. B.-----Howard University
Instructor in Accountancy and Advertising.
- ARTHUR LEO CURTIS, M. D.-----1717 U Street
Lecturer on Physical Diagnosis and Anacsthesia.
- JAMES CARTER DOWLING, M. D.-----1110 U Street
Clinical Instructor in Ophthalmology.
- MILTON FRANCIS, M. D.-----Fifth and W Streets
Instructor in Clinical Surgery.
- *CLARENCE ALEXANDER GUILLOT, A. B.-----1224 S Street
Instructor in French.

*On leave of absence during the war, 1917-1919.

- JOSEPH HARRISON.....Howard University
Instructor in Violin.
- GEORGE WASHINGTON HINES, A. B.....621 Fairmont Street
Instructor in Finance and Business Organization.
- HERBERT CORNWELL HOPKINS, D. D. S.....1624 Eye Street
Lecturer on Orthodontia.
- BENONI PRICE HURST, A. B., M. D.....Freedmen's Hospital
Lecturer on Hygiene and Preventive Medicine.
- MABEL MADISON JACKSON.....1834 Ninth Street
Instructor in Household Arts.
- *THOMAS EUGENE JONES, M. D.....Freedmen's Hospital
Lecturer on Anaesthesia.
- *HARRY HYLAND KERR, M. D.....1742 N Street
Instructor in Clinical Surgery.
- CHARLOTTE BEATRICE LEWIS.....Howard University
Instructor in Piano and History of Music.
- CLARENCE OSCEOLA LEWIS, A. B.....1924 Fifteenth Street
Instructor in Mathematics.
- MEIZ TULLUS PAUL LOCHARD, B. ES L.....920 R Street
Instructor in French.
- CLARENCE EDWARD LUCAS, LL. B.....143 S Street
Lecturer in Institutional Accounting.
- ERNEST JONES MARSHALL, A. B.....128 Seaton Place
Instructor in Chemistry.
- HAMILTON ST. CLAIR MARTIN, M. D.....1232 Fourteenth Street
Clinical Instructor in Otology, Laryngology and Rhinology.
- JAMES MACKEY MONTGOMERY, A. B.....812 Twelfth Street, N. E.
Instructor in Printing.
- THE REV. WALTER A. MORGAN, A. B.....Howard University
Lecturer in Theology.

*On leave of absence during the war.

OFFICERS OF INSTRUCTION

17

- ESTELLE ETELKA PINOKNEY, MUS. B.-----1812 T Street
Instructor in Piano and Voice.
- *ERNEST MEDLEY POLLARD, A. B.-----1919 Eleventh Street
Instructor in English.
- EDGAR LEWIS SCOTT, LL. B.
Lecturer in Real Estate.
- GERTRUDE ELIZABETH SKELTON-----1325 M Street
Instructor in Household Economics.
- MARCUS ACHESON SPENCER, A. B., B. D.-----5009 Fourteenth Street
Instructor in Religious Education.
- LORENZO DOW TURNER, A. M.-----1849 Third Street
Instructor in English.
- JAMES HENRY NELSON WABING, JR., A. B.-----945 S Street
Instructor in German.
- JAMES CONSTANTINE WEBSTER, B. S. IN E. E.-----1131 Sixth Street
Instructor in Physics.
- CHARLES HARRIS WESLEY, A. M.-----2722 O Street
Instructor in History.
- *TOM ALFRED WILLIAMS, M. D.-----1705 N Street
Lecturer on Nervous and Mental Diseases.
- CLAUDIUS YOUNG, A. B., M. D.-----Freedmen's Hospital
Acting Lecturer on Physical Diagnosis and Anaesthesia.
-
- ANNA BARTSCH-DUNNE, M. D.-----Sligo, Md.
Clinical Assistant in Medicine.
- LEWIS CHARLES ECKER, M. D.-----1440 R. I. Avenue
Clinical Assistant in Medicine.
- THOMAS WILLIAM EDWARDS, D. D. S.-----1205 Linden Street
Demonstrator in Dental Infirmary.

*On leave of absence during the war, 1917-1919.

WILLIAM AUGUSTUS FRANCIS, M. D.-----2109 Penna., Ave.
Clinical Assistant in Surgery.

WILLIAM ALEXANDER JACK, M. D.-----1918 Biltmore Street
Demonstrator in Practical Surgery.

WILJARD MERCER LANE, A. B., M. D.-----726 H Street, N. E.
Assistant in Medicine.

CHARLES HERBERT MARSHALL, M. D.-----2710 P Street
Clinical Assistant in Gynecology.

PETER MARSHALL MURRAY, M. D.-----Freedmen's Hospital
Clinical Assistant in Surgery.

DANIEL HAYWOOD SMITH, PHAR. D.-----284 Dumbarton Avenue.
Assistant in Pharmacy.

ELMER CLAYTON TERRY, A. B., M. D.-----704 Tea Street
Assistant in Medicine.

RAYMOND THOMAS, D. D. S.-----Fifth and W Streets
Demonstrator in Dental Infirmary.

MERTON P. ROBINSON, A. B.-----1853 Third Street
Director of Department of Physical Education.

HELEN H. TUCK, A. B.-----Howard University
Acting Dean of Women and Instructor in Physical Education.

SPECIAL LECTURERS AND SPEAKERS

DR. HENRY S. GARFIELD, *U. S. Fuel Administrator and President of Williams College.*

"The League of Nations"

DR. LOUIS FRANCIS MISKOVSKY, *Mid-European Union, Formerly Professor at Oberlin College.*

"Mid-European Problems."

DR. CLARENCE TRUE WILSON, *Secretary of Department of Temperance of the Methodist Episcopal Church.*

"Theodore Roosevelt."

DR. MILTON S. REES, *Y. M. C. A. War Work Council.*

"Day of Prayer for Colleges."

PRESIDENT NATHANIEL H. B. CASSELL, PH. D. *President of Liberia College, Africa.*

"The Appeal of Africa."

MISS ELIZABETH CARTER, *Y. W. C. A.*

"Lessons from the Life of Miss Grace F. Dodge."

SISTER KATHERINE BLACKBURN, *Secretary Y. W. C. A., Cape Town, South Africa.*

"The Motherland."

MR. C. H. TOBIAS, *Y. M. C. A. Student Secretary of International Committee.*

"The Students of the United States for the Students of the World."

We have been glad to welcome to our platform at Chapel many of our alumni who have given us most intimate and thrilling accounts of experiences "over there."

OFFICERS OF ADMINISTRATION

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President,

JAMES STANLEY DURKEE, Offices in Carnegie Library.

Secretary to the President,

IONE A. HOWARD.

SECRETARY'S OFFICE :

Secretary and Business Manager,

GEORGE WILLIAM COOK, Rooms 100-101, Main Hall.

Assistant to the Secretary,

*IRENE GRACE JOHNSON.

Clerk,

ROLAND WILLIAM BRADLEY.

Stenographer,

**JAMES ELLSWORTH STRATTON.

Telephone Operator,

ETHYL CATHERINE DOUGLAS.

Postmaster,

ALBERT WATERS HOPKINS.

TREASURER'S OFFICE :

Treasurer,

EDWARD LAMAY PARKS, Room 112, Main Hall.

Assistant to the Treasurer and Head Bookkeeper,

CLARENCE EDWARD LUCAS, LL. B.

Cashier and Bookkeeper,

ALVESTA PEARL LANCASTER.

Acting Assistant to the Registrar,

LILLIE MAE GREATHEART.

*Resigned March, 1919 to enter Y. W. C. A. work; Carrie Burton Overton appointed.

**Resigned February, 1919; Weaver Avery Wood, on war leave. reinstated.

OFFICERS OF ADMINISTRATION

21

Clerk,

GEORGE EDWARD BRICE.

DEPARTMENT OFFICES :

Dean of Junior College,

KELLY MILLER, Room 312, Main Hall.

Dean of School of Education.

LEWIS BAXTER MOORE, Room 213, Main Hall.

Dean of School of Liberal Arts.

CARTER GODWIN WOODSON, Main Hall,

Dean of the School of Journalism.

Director of School of Applied Science,

HAROLD DEWOLFE HATFIELD, Office, Applied Science Building.

Clerk and Stenographer,

***MYRTLE BROWN ROBINSON.**

Director of School of Music,

LULU VERE CHILDERS, Howard University.

Director of Library School,

EDWARD CHRISTOPHER WILLIAMS, Carnegie Library.

Dean of School of Religion,

DAVIE BUTLER PRATT, Room 305, Main Hall.

Dean of School of Medicine,

EDWARD ARTHUR BALLOCH, Medical Building.

Secretary of School of Medicine,

WILLIAM CLARENCE McNEILL, Medical Building.

Dean of School of Law,

BENJAMIN FARNSWORTH LEIGHTON, Law Building.

Clerk of School of Law,

OLLIE MAY COOPER.

Dean of School of Commerce and Finance,

GEORGE WILLIAM COOK, Room 100, Main Hall.

***Resigned March, 1919.**

Dean of Men,

Registrar,

DWIGHT O. W. HOLMES, Main Hall,

Director of Department of Physical Education,

MERTON P. ROBINSON.

*Acting Dean of Women, and Instructor in Physical Education
for Women.*

HELEN H. TUCK

Librarian,

EDWARD CHRISTOPHER WILLIAMS, Carnegie Library.

First Assistant Librarian,

LULU ALLAN.

Second Assistant Librarian,

ROSA CECILE HERSHAW.

Library Assistant,

MARY MILTON PEYTON.

Librarian, School of Law Library,

WILLIAM HENRY RICHARDS, Law Building,

Assistant Librarian, Medical School,

DANIEL HAYWOOD SMITH, PHAR. D.

Preceptress,

MARIE ISABELLA HARDWICK, PD. B., Miner Hall.

Assistant Preceptress,

CHRISTINE H. BLAIR, Miner Hall.

Secretary, Y. M. C. A.,

THE REV. ELMER E. THOMPSON, Spaulding Hall.

Housekeeper,

ELIZABETH PAGE MESSER, Miner Hall.

Superintendent of Buildings and Grounds,

JOHN FRANCIS AKERS, Office, Clark Hall.

Superintendent of Janitors,

BROWN EDMONDSON McDOWELL.

UNIVERSITY COUNCIL

THE PRESIDENT OF THE UNIVERSITY

From the SCHOOL OF EDUCATION.

PROFESSOR LEWIS BAXTER MOORE, Dean

ASSISTANT PROFESSOR MARTHA MACLEAR.

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PROFESSOR KELLY MILLER, Dean

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PROFESSOR EDWARD ARTHUR BALLOCH, Dean

PROFESSOR WILLIAM CLARENCE McNEILL.

From the SCHOOL OF LAW :

PROFESSOR BENJAMIN FARNSWORTH LEIGHTON, Dean

PROFESSOR MASON NOBLE RICHARDSON

ORGANIZATION OF THE UNIVERSITY

The University is organized in the following divisions :

The Junior College.

The School of Liberal Arts.

The School of Education.

The School of Commerce and Finance.

The School of Journalism.

The School of Applied Science.

The School of Religion.

The School of Medicine.

The School of Law.

The School of General Service.

STANDING COMMITTEES

The President is ex-officio a member of every Committee

BOARD OF EXAMINERS

PROFESSOR E. P. DAVIS, Chairman
REGISTRAR DWIGHT O. W. HOLMES, Secretary
PROFESSOR HATFIELD
ASSOCIATE PROFESSOR BAUDUIT
ASSOCIATE PROFESSOR A. H. BROWN

CURRICULUM

PROFESSOR W. V. TUNNELL, Chairman
PROFESSOR E. P. DAVIS
PROFESSOR HARVEY
PROFESSOR HATFIELD
PROFESSOR SCHUH
PROFESSOR T. W. TURNER
DEAN MILLER
ASSOCIATE PROFESSOR BAUDUIT
ASSOCIATE PROFESSOR DYSON
ASSISTANT PROFESSOR ADAMS
ASSISTANT PROFESSOR MACLEAR
MR. WEBSTER

LIBRARY

PROFESSOR WILLIAMS, Chairman
PROFESSOR JUST
PROFESSOR E. A. COOK
DEAN MILLER
DEAN MOORE
ASSISTANT PROFESSOR MACLEAR

PUBLICATIONS

DEAN OF SCHOOL OF LIBERAL ARTS, Chairman
PROFESSOR HOUSTON

CATALOGUE

PROFESSOR E. P. DAVIS, Chairman
ASSOCIATE PROFESSOR DYSON
MR. L. D. TURNER

HOWARD UNIVERSITY**STUDENT ORGANIZATIONS, STUDENT ACTIVITIES,
AND DISCIPLINE****DEAN OF MEN, in cases affecting men.****DEAN OF WOMEN, in cases affecting women.****PROFESSOR TUNNELL****MR. WESLEY****Y. M. C. A. SECRETARY****PRESIDENT AND SECRETARY OF SENIOR CLASS****PRESIDENT AND SECRETARY OF JUNIOR CLASS****PRESIDENT OF SOPHOMORE CLASS****PRESIDENT OF FRESHMAN CLASS****GRADUATE STUDIES****DEAN OF SCHOOL OF LIBERAL ARTS****DEAN OF SCHOOL OF EDUCATION****DEAN OF SCHOOL OF RELIGION****PROFESSOR JUST****ASSISTANT PROFESSOR LOCKE****PUBLIC FUNCTIONS****BUSINESS MANAGER****PROFESSOR OF PHYSICAL EDUCATION****COMMANDANT OF THE R. O. T. C.****PRESIDENT OF SENIOR CLASS****PRESIDENT OF JUNIOR CLASS****DEANS AND DIRECTORS****ALUMNI****THE REV. EMORY B. SMITH.****MR. GEORGE W. HINES****MISS LUCY D. SLOWE****MR. J. M. CARTER****PROFESSOR DWIGHT O. W. HOLMES.****SCHOLARSHIPS AND STUDENT AID****ASSOCIATE PROFESSOR DYSON****PROFESSOR TURNER****PROFESSOR SYPHAX****PROFESSOR LIGHTFOOT****ASSISTANT PROFESSOR MACLEAR****ASSISTANT PROFESSOR ADAMS**

GENERAL ALUMNI ASSOCIATION

President, THE REV. EMOBY B. SMITH, B. D.

First Vice President, THOMAS B. D. DYETT, A. B.

Second Vice President, MISS LUCY D. SLOWE, A. B.

Third Vice President, HAROLD C. STRATTON, B. S.

Secretary, WILLIAM W. COHRAN, LL. B.

Treasurer, MISS NELLIE M. QUANLER, A. M.

Financial Secretary, ROBERT A. PELHAM, LL. B.

The aim of the Association is not only to promote the highest interest of the University and its Alumni, and to keep the two in close touch and harmonious cooperation, but also to perpetuate and ennoble the traditions and ideals of Howard, and to keep the "Howard Spirit" flowing at flood tide wherever its graduates are found. To this end all graduates are urged to secure membership. The entrance fee is \$1.00 paid once only, and the annual dues are 25 cents, payable to the Financial Secretary at or before the Reunion each year.

ALUMNI DAY

The day before Commencement has been set apart as Alumni Day, and will be made permanent. Alumni Day this year will be Tuesday, June 3.

The program will include:

- (1) Meeting in Andrew Rankin Memorial Chapel at 10:30 A. M. Special addresses will be delivered, and an open forum will be conducted.
- (2) Alumni luncheon at noon in Main Hall.
- (3) Class Reunions at 1:30.
- (4) At 3 o'clock parade to baseball game between "Old Guards" and Varsity.

- (5) At 6 o'clock annual subscription dinner in Miner Hall.
- (6) At 8 o'clock a Greek Play, Sophocles' "Antigone" will be given in front of library by an Alumni cast.

REORGANIZATION

With the advent of President Durkee a general scheme of reorganization began. At the direction of Dr. Durkee, the Rev. Emory B. Smith, President of the General Alumni Association, will make a fifty days tour through the country with a three-fold purpose: first, to establish new chapters and reorganize dormant organizations; second, to raise Alumni scholarships in order to stimulate secondary schools, now more necessary than ever, with the passing of the Academy and Commercial College; third, to secure subscriptions for the University Record, which is now the official organ of our Alma Mater, and the most direct means of keeping the alumni in touch with life at home.

Alumni everywhere are urged to cooperate as fully as possible, in order that the interest in all places may be coordinated, and the greatest aid given to President Durkee in his effort to build a greater Howard.

All graduates, whether members of the Association or not, whose addresses have been changed recently are requested to send correct addresses to the Financial Secretary at once, in order that the list may be brought up to date and made as complete as possible. Notice of decease of members should be sent in promptly.

LOCAL ALUMNI ASSOCIATIONS

Presidents.

Baltimore, Maryland.....	DR. T. S. HAWKINS
Buffalo, New York.....	MR. HARRY L. SCOTT
Chicago, Illinois.....	DR. J. W. McDOWELL
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LOCAL ALUMNI ASSOCIATION

Dallas, Texas.....	DR. RICHARD T. HAMILTON
Dayton, Ohio.....	DR. J. E. BUSH
Denver, Colorado.....	MR. GEORGE G. ROSS
Hickman, Kentucky.....	DR. WILLIAM J. WESTON
Huntington, West Virginia.....	REV. A. HALL WHITFIELD
Indianapolis, Indiana.....	MR. WILLIAM E. BAUGH
Jacksonville, Florida.....	MR. W. H. THOMPSON
Kansas City, Kansas.....	
Kansas City, Missouri.....	MR. T. C. UNTHANK
Kingston, Jamaica, B. W. I.....	
LeRoy, New York.....	REV. JAMES E. ROSE
Little Rock, Arkansas.....	MR. T. J. PRICE
Los Angeles, California.....	MR. JOHN S. OUTLAW
Louisville, Kentucky.....	MR. A. ANSON ANDREWS
Lynchburg, Virginia.....	MRS. A. W. VASSAR
Muskogee, Oklahoma.....	MR. O. BENJAMIN JEFFERSON
Newark, New Jersey.....	DR. W. H. WASHINGTON
New York City.....	DR. SIMEON H. POTTINGER
Omaha, Nebraska.....	MR. H. J. PINKETT
Philadelphia, Pennsylvania.....	HON. GEORGE H. WHITE
Pittsburg, Pennsylvania.....	MR. J. W. HOLMES
Richmond, Virginia.....	DR. ROSCOE C. BROWN
Savannah, Georgia.....	MR. W. E. TIBBS
St. Louis, Missouri.....	PROF. JAMES L. USHER
Washington, D. C.....	REV. D. E. WISEMAN
Wheeling, West Virginia.....	MR. E. J. GRAHAM, JR.
York, Pennsylvania.....	DR. GEORGE W. BOWLES

HISTORICAL SKETCH OF THE UNIVERSITY

In 1865 General W. T. Sherman wrote Major General O. O. Howard assuring him of sympathy with his projects for the spiritual and intellectual redemption of the four million Negroes of America and expressing confidence in his sincerity and ability. "But," said General Sherman, "you have a Hercules' task." In the light of this sincere but very discouraging letter, it is interesting to reflect that within less than two years from the date on which he received it, General Howard was instrumental in establishing a University which on March 2, 1917 celebrated its Fiftieth Anniversary, a monument to the faith, the wisdom and the courage of its founders.

Howard University was conceived in a prayer meeting for missions in the First Congregational Church of Washington, D. C., on Monday, November 17, 1866. Although planned for the education of colored youth in the ministry only, it came gradually to embrace all branches of knowledge for all races of men.

The question of a name for the institution perplexed the founders, until, by a happy inspiration, Dr. D. B. Nichols proposed that it be named for "the American philanthropist, the Commissioner of the Freedmen's Bureau, the true friend of the down-trodden and oppressed of every color and nation of the earth, General Oliver Otis Howard." This was heartily endorsed by all except General Howard himself, who felt that he could serve the institution better if it bore some name other than his own.

The act of Incorporation reads in part,—

"1. Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled, that there be established, and is hereby established in the District of Columbia a University for the education of youth in the Liberal Arts and Sciences, under the name, style, and title of 'The Howard University.'

"2. Be it further enacted, that Samuel C. Pomeroy, Charles B. Boynton, Oliver O. Howard, Burton C. Cook, Charles H. Howard, James B. Hutchison, Henry A. Brewster, Benjamin F.

Morris, Danforth B. Nichols, William G. Finney, Rosewall H. Stevens, E. M. Cushman, Hiram Barker, E. W. Robinson, W. F. Bascom, James B. Johnson and Silas L. Loomis be, and are hereby declared to be, a body politic and corporate, with perpetual succession in deed or in law to all intents and purposes whatsoever, by the name, style, and title of 'The Howard University.'

"5. Be it further enacted, That the University shall consist of the following departments, and such others as the Board of Trustees may establish—first, normal; second, collegiate; third, theological; fourth, law; fifth, medicine; sixth, agriculture."

The first ten years of the life of the University were years of feverish growth. Without one cent in the treasury, the Normal and Preparatory Department opened on May 1, 1867, in a rented frame building with five students, and the authorities arranged for the purchase of 150 acres of land at \$1,000 an acre. Then the Main Building of the University, a women's dormitory and dining-room, a men's dormitory, the Medical Building, and professors' homes were built. The departments too, multiplied rapidly. By 1872 the original Theological Seminary, which existed on paper only in 1866, had expanded into Normal, Preparatory, Military, Musical, Industrial, Commercial, Collegiate, Law, and Medical Departments, with a Library and a Museum. During these years the following served as President, Vice-President, or Acting President: Messrs. Boynton, Sunderland, Howard, Barber, Langston, Smith, Whipple and Fairfield.

The money which later sustained the first decade of the work came by accident—namely, through the refusal of another school to accept it. By the year 1873 the Trustees had received from the Freedmen's Bureau \$500,000. This sum, with the income from the sale of much of the 150 acres of land at four times its cost, cleared the University of debt and started an endowment fund. Thus was faith justified.

Suddenly the panic of 1873 fell upon the country and became nation-wide in extent. The Freedmen's Bureau was abolished; individual and Church support was withdrawn from the University. As a result, the income failed to meet expenses. By 1875 the University was in debt \$100,000. Bankruptcy was ahead. In order to

save the endowment and the valuable lands, a policy of economy and retrenchment was pursued. The Military, Commercial, Industrial, and Musical departments were closed; salaries were cut one-half. This saved the University, and by 1877 the income again covered expenses.

Emerging from this crisis, much reduced, but still intact, the University entered upon a period of slow, but healthy growth. The first twenty-seven years, from 1867 to 1903, was a period of consolidation; the last twelve, from 1906 to 1918, a period of material expansion.

Dr. Patton, the first president to give his undivided attention to the University, inaugurated this period of development. A financial agent was appointed and gradually the financial situation improved. Individual donations began once more to come to the University. In 1881, a single gift of \$25,000 was received and in 1885 another of \$15,000. It was during his presidency also that the United States Congress began to make annual appropriations to assist the University. With this income the work was quickened. In 1882 a Dental School was opened. In 1885 the old Industrial Department was revived. In 1889 the Episcopal Church established near the University a cooperative Divinity School known as King Hall. This school was closed in 1906. Its building, now owned by the University, is occupied by the School of Music.

President J. E. Rankin continued this policy of reorganization. The Normal and Industrial Departments were united. The Departments of Music and of Agriculture were revived. Gradually the pedagogical subjects were correlated. Likewise, the commercial subjects were grouped so as to make a department. The President's home was built, and the Andrew Rankin Memorial Chapel erected.

In 1903 Dr. John Gordon, President of Tabor College, in Iowa, became President of Howard University. After a brief administration of a little more than two years he resigned.

President Thirkield pursued a policy of material expansion. During his presidency, from 1906 to 1912, he secured from Congress \$675,700. With this income a Science Hall, an Industrial Building, and a central heating and lighting plant were added. Through his

efforts also, Mr. Andrew Carnegie made the University a gift of a \$50,000 library building. Under Dr. Thirkield, the College of Arts and Sciences and the Teachers College were united, forming the School of Liberal Arts. A very striking feature of President Thirkield's administration was the great increase of 240 per cent in the number of college students.

Dr. Stephen M. Newman was elected president upon the resignation of Dr. Thirkield to become a Bishop of the Methodist Episcopal Church. President Newman carried forward the work with ability and deepened the intellectual life of the University. His administration was marked by substantial progress.

When in 1918 President Newman retired from the University to devote himself to study and writing, Dr. J. Stanley Durkee, of Brockton, Mass., was unanimously chosen president and began his administration on July 1, 1918. Much is expected from his vitalizing leadership.

The original purpose of the University was to train ministers of the gospel. In the beginning the Theological Department was a unique feature of the University. This Department contained the germ of a Medical School, a Museum, a Library, and a course in agriculture. President O. O. Howard, in his first annual report, said, "When the gentlemen who afterwards founded Howard University first contemplated an 'Institution for the training of preachers to labor among the freedmen,' it was proposed to include in the course some instruction in Medicine, and to establish a Chair of Hygiene . . ." Accordingly, the first plan for the Theological Seminary provided for a course in anatomy and physiology in their special relations to hygiene. Dr. Silas Loomis, who was at first assigned to this chair in the Seminary, afterwards became the leading spirit and the first Dean of the Medical Department.

The Medical School was formally opened April 13, 1868. That year the Freedmen's Hospital was put under the charge of Dr. Robert Reyburn, of the Medical faculty. In 1869 this hospital was moved to the University campus. The Medical School enjoys the use of this hospital as a clinic for its students on condition that free clinics be maintained for the people. For the use of the ground upon which it stands, the government, which maintains the hospital, pays

the University \$1.00 annually. The hospital which maintains a Nurses' Training School today occupies a new building, erected in 1909 at a cost of \$600,000.

"Many years have passed," wrote Dr. Washington F. Cruser, one of the eight students of the first session of the Medical School, "since it was my privilege to be a student at Howard Medical School. Few of the first class remain. While our Medical College was not so complete in detail and facilities for imparting instruction then as now, still the earlier sessions were all that could have been desired. It was the philanthropic spirit that characterized and controlled the Institution in that early period and gave it its great impetus. Through this spirit and its novelty of conception and management the Medical School has grown to its present proportions. It affords opportunity, irrespective of class, condition and sex, to learn the noble profession of Medicine. My interest and goodwill have followed and abided with the school in its beneficent work." Today the Medical School is a member of The Association of American Medical Colleges.

The Rev. D. B. Nichols, was the first University Librarian and the first Curator of the Museum. The Library, after many vicissitudes, is now occupying the Carnegie Building.

The Law Department was organized October 12, 1868, and opened January 6, 1869, under Professors J. M. Langston and A. B. Riddle, with six students. Three evenings a week, from five to eight p. m., were given to the work. For a number of years this department held all of its sessions in the Main Building. In 1887, after moving first into a building occupied by the Second National Bank on Seventh Street, and then to Lincoln Hall, at Ninth and D Streets, it finally selected as a permanent home, the present Law Building on Fifth Street, opposite the District Court House. In 1873, after the resignation of President Patton, the Hon. J. M. Langston, first dean of this department, served as Acting President of the University.

The Collegiate work of the University was organized September 21, 1868, with one professor and one student. In 1903, this department was reorganized as the College of Arts and Sciences. In the beginning the college had great difficulty in maintaining a supply of students, "having no feeders in classical schools for colored pupils in

the South." Today, fifty per cent. of the freshmen come from schools of the North. In 1901 the Teachers College was organized and given academic rank with the College. In 1913 the School of Applied Science and the School of Music were reorganized and given collegiate rank.

In February, 1919, the Trustees voted that the secondary departments of the University be abolished with the closing of the current school year, as the need for them had ceased. Thus was the work of the original Preparatory Department, known since 1906 as the Howard University Academy, and the Commercial College brought to an end.

Howard University has sent forth nearly four thousand graduates to every state in the Union, to the Islands of the Sea and to Africa, Asia, Europe and South America.

HOWARD UNIVERSITY IN THE WAR

The Universities of the country developed in their response to the war emergency the leadership which was generally expected of them, but the degree of resourcefulness and efficiency which they were able to realize in this was a revelation, to the general public as well as to themselves, of their almost unlimited possibilities for national service. Howard University played her part in this movement consistently and well. In fact, in leading the larger participation of colored youth in higher forms of war service, she found it necessary to assume a unique role, and lead off in a campaign for the enlargement of their opportunities for such service.

SECURING THE TRAINING CAMP.

Her efforts were first directed toward securing officer training facilities for colored men having the proper qualifications. The authorization of the United States government for the establishment of an Officers' Training Camp for young colored men, was largely the result of the extraordinary enthusiasm, resourcefulness, race loyalty, and patriotism exhibited by the students of Howard University. Undoubtedly, much credit for securing the camp is due to the activity of many members of the faculties, officers of administration, and the students of Lincoln, Fisk, Atlanta, Morehouse, Morgan, Virginia Union, and other schools; but an investigation of the facts testifies to a remarkable display of initiative and commendable persistency on the part of the undergraduates of Howard University, who under the sane and cautious leadership of the Central Committee of Negro College Men,—an organization of young colored graduates from Columbia, Lincoln, Union, Howard, Yale, Harvard, and Brown Universities—led the campaign for the authorization of the proposed camp for the training of colored officers.

When, early in the Spring of 1917, it became evident that the declaration of a state of war between the United States and Germany would be a matter of only a few weeks, Dr. Joel E. Spingarn (now Major in the U. S. Army in France) realized, after observing conditions at the several private training camps, that no provision was to be made for the training of Negro officers. Doctor Spingarn made

a visit to Howard University with a view to securing the support of the Faculty and students in behalf of the establishment of a private Officers' Training Camp somewhere in the state of New York for colored men with at least a high school education. This proposition met with enthusiastic support from faculty and students. Seventy-three students indicated their intention to join the proposed camp and formally signed enrollment papers; but before the project could materialize, the declaration of war was actually made. The government took over all the private Officers' Training Camps and established additional training camps, numbering fourteen in all.

Whenever application was made by colored men for admission to the Officers' Training Camps, it was either flatly rejected or some obvious subterfuge was used. It became unmistakably clear that there would be no opportunity in the camps already authorized for qualified colored men to realize their ambition to become officers,—not from selfish motives, nor for personal aggrandizement, but for the purpose of demonstrating their confidence in the potential power for leadership in their race, and from a deep patriotic impulse to serve their country in the capacity to which they believed themselves best suited. Dr. Spingarn made a second visit and advocated a temporary abandonment of opposition to segregation, urging students and faculty to exert their utmost efforts to persuade the War Department to authorize an Officers' Training Camp for colored men. This proposition received an eager and enthusiastic response from the students and the administrative staff of Howard University. This Institution at once became the center of a vigorous campaign for officer-training facilities for colored men.

A committee of one hundred representative citizens of the District of Columbia, held a conference with the authorities of the War Department, but their efforts were doomed to failure, at least temporarily. The Secretary of War deemed such a step on the part of the Government inadvisable and impracticable. In the meantime, the government had decided to raise a large Federal army of 625,000 by draft and passed a bill to conscript all of its male citizens between the ages of 21 and 30. Under this enactment 73,000 Negro troops were to be mustered. The students of Howard University and of other colored colleges throughout the land, in face of considerable discouragement, displayed enthusiasm and determination and the

effort to secure the officer-training camp for colored men began to assume nation-wide proportion and had called to its support citizens of all ranks.

The President and Faculty were so deeply concerned with the success of the movement that the committee of thirty-two students who were enthusiastically engaged in promoting the project were given a leave of absence from their studies, with academic credit for work done up to the time of leaving.

This committee of thirty-two established headquarters in the basement rooms of the University Chapel, and divided themselves into sub-committees to deal with the varying aspects and emergencies of the work. With the men working in shifts, these headquarters were kept open day and night to receive and to give any information vital to the success of the movement.

This executive committee, now transformed into the Central Committee of Negro College men, drafted a brief setting forth their contentions, a copy of which was placed upon the desk of every senator and representative in Congress. Members of the committee secured interviews with many of the more influential senators and representatives who had read this brief. As a result, over three hundred members of Congress became interested and sympathetic. Letters of information, soliciting their support, were sent to scores of Congressmen and men prominent in all walks of life, editors, lawyers, ministers, educators, and philanthropists. These communications, whenever possible, were immediately followed by personal interviews. A committee of leading colored citizens consisting of several faculty members of Howard University accompanied by representatives from the Central Committee of College Men, made a deep impression upon the authorities of the War Department by a second visit and plea.

The War Department then yielded in its opposition to the plan, and it was intimated that the camp might be secured, if certain conditions could be met with reference to a specified number of properly qualified men. This question which then arose was:—Can an adequate number of suitable men be secured? The Central Committee, confronted with this query, replied that they could present the names of the one thousand properly qualified men required by the War Department in a brief time. The War Department preferred

college men not lower than juniors in classification and required the committee to furnish age, height, weight, and scholastic attainments of the applicants.

A meeting of the students was called in the chapel at Howard University to begin the task of selecting these one thousand men at once. Delegates were sent to neighboring colored institutions. Financial aid and traveling expenses were raised by the students. Delegates visited Hampton, Virginia Union, Lincoln, Atlanta, Fisk, and other institutions in the South, meeting a hearty response and cooperation. At the expiration of ten days, fifteen hundred names were ready for officer-training facilities for colored men. The Secretary of War stated that he considered this a list of capable men, and that it would be submitted to the War College for approval and for decision as to the expediency of establishing the proposed training camp. In the meantime, every possible source of influence was sought which might incline the War College to a favorable decision.

Finally, two important conferences were held; one at the War College with the head of that institution; the other with the Secretary of War on the following day, when he practically assured the committee of the establishment of the camp. The Committee on both of these occasions consisted of the President, three deans, two professors, and one student of Howard University and two local physicians.

Finally, after many days of almost breathless expectancy, there came June 7, 1917, as a splendid tribute to the ceaseless efforts of these young college men, the announcement from the War Department that a camp to which college men would be admitted for officer-training would be established at Fort Des Moines, Iowa, June 15, with a quota of twelve hundred and fifty men. Approximately two hundred Howard men joined the camp; the remaining representing more than fifty other institutions for colored men. Six hundred and fifty-nine were commissioned from this camp. Of this number ninety-five were sons of Howard. Eight members of the Faculty were included among those who received commissions.

RADIO SCHOOL 1917-'18.

The School of Manual Arts and Applied Science of Howard University, in immediate response to the request of the Federal Board

for Vocational Education to assist in the training of radio operators for service in the Signal Corps of the Army established on November 19, a course for such training.

The school opened with an enrollment of sixty-five men which was increased on January 7 to one hundred and fifteen and later to one hundred and thirty-five. The great majority of these men were recommended for service with the 325th Field Signal Battalion at Chillicothe, Ohio, and did splendid work for the Signal Corps. The equipment was purchased from the Manual Arts Allotment and competent instructors were provided. Major T. C. Spencer, Chief Signal Officer of the 92nd Division, who visited the school early in January, highly commended the school on the progress it had made. The course was continued until April 19.

In April, 1918, at the initiative of the Director of the Department of Manual Arts, negotiations were opened with the War Department with the view of establishing at Howard a National Army Training Detachment; a step which gave decided impetus to the organization of such training units for colored drafted men here and at other centers. From May 15 to July 15, and from July 15 to September 15, two groups of such men were trained in Radio operation, carpentry, and electrical mechanics—four hundred fifty in all—before the absorption of this work into the vocational section of the S. A. T. C. During this time, as the only colored institution instructing in radio, the school supplied all army requisitions for trained colored personnel in the Signal Corps work.

STUDENT ARMY TRAINING CORPS.

In July, 1918, when the Student Army Training Corps project was under consideration, the authorities of the War Department were confronted with a situation similar to the one before the authorization of the Des Moines Training Camp. It appeared that no provision for the extensive military training of colored schoolmen could proceed except through the authorization of a special instruction camp for the personnel of the colored schools and colleges. Howard University again took practical initiative, and through certain executive officers and faculty members, a detailed proposal was made to the War Department Committee on Special Educational War Training for the inclusion of our colleges and vocational schools in

the general scheme. As a result, there was authorized July 16, 1918, a special instruction camp, to be held at Howard University, August 1 to September 16 to which representatives were invited first from twenty-one, and later from a total of seventy schools. The short interval of notice considerably reduced the probability of success of the plan but with the cooperation of the official committee on War Training and the active assistance of the Central Executive Committee of Negro College Men, the University began immediately a publicity campaign for recruits. There were less than two weeks' interval in which to accomplish the desired results, and a camp quota of two hundred was considered an optimistic estimate, especially in view of the dispersion of the schoolmen in vacation time. Nevertheless to the joint credit of these workers and the enthusiastic loyalty of the body of men appealed to there were assembled by August 5, from points as distant as Florida, Oklahoma, and Michigan, four hundred and fifty-seven men—forty seven of them faculty representatives—from seventy schools and colleges.

At the time of the inauguration of the S. A. T. C. summer camp, the innovation of a colored command was requested and granted, and Lieutenant Russell Smith and a staff of eleven officers of the 349th and 350th Field Artillery, all of them graduates of the Des Moines Training Camp, were detailed from Camp Dix to take charge of the S. A. T. C. section. This same body of officers, after successfully conducting the summer instruction camp, supplied for the most part the commands of the S. A. T. C. and R. O. T. C. units at the various colored schools.

An exceptional degree of success, both in the military and educational sides of the work was officially conceded to the camp at frequent official inspections and reviews. So large and representative a body of Negro schoolmen has never been assembled before; and the need for the active educational affiliation of the colored schools, acknowledged by the formation of the Negro Student Army Association by the members of the Camp, has revealed to Howard a new mission in educational leadership, and a fresh determination to make such work a practical part of her educational program.

The S. A. T. C. instruction camp held a joint graduation with the second contingent of the N. A. T. C. September 14, 1918, which was

a notable event in the history of the institution, the Hon. Emmett J. Scott, Special Assistant to the Secretary of War, presided; addresses were made by Professor, (now Major) R. B. Perry, representing the Committee on Educational War Training, the Hon. Wm. H. Lewis, and others, and the occasion was marked by the first university appearance of the then President-elect, Dr. J. Stanley Durkee. Three hundred and twenty of the four hundred and fifty seven men were certified as qualified sergeant-instructors, and one hundred and one were of sufficient merit to be recommended for officer-training camp. The men through their organization, the Negro Student Army Association, manifested their sense of the significance of the work by presenting to the University on the occasion a commemorative bronze tablet, which was accepted by the President on behalf of the University.

THE FALL TERM.

Howard University then turned to the problem of the inauguration of its own student training corps. But fifteen days elapsed between the termination of the summer course and the mobilization of seven hundred and fifty men, applicants for one or the other sections of the S. A. T. C. These men were immediately organized by the Howard staff: Lieutenant Russell Smith, Commandant, Lieut. Fisher Pride, Adjt. C. C. Johnson, Senior Instructor, J. H. Purnell, and O. N. Simmons; assisted by twenty-one sergeant instructors, graduates of the summer course. The suspension of classes, owing to the influenza epidemic, provided a month of intensive military training and drill, and the corps was rapidly developed to a point of military efficiency which secured the highest official commendation and rating. There were three hundred and seventy-five collegiate and professional men in Section A and three hundred men of high-school rating in Section B.

During the period of the closing of school, at the foresighted initiative of the President of the university, a Girls' Battalion was organized. Squad and company drill was mastered under cadet officers until, in a remarkably short time, the two companies of young women students were able to participate creditably in battalion reviews and drills. This feature was discontinued on the resumption of school, while the men's work continued until the official demobilization of the S. A. T. C. December 21, 1918, by which time Howard's

first quarter men were almost ready for final examination, and her first contingent of officer candidates, ten young men, on their way to Camp Pike, Arkansas.

With demobilization, however, there came only a temporary suspension of military training. In consonance with the conference of associated colleges on physical training and education, Howard University officially decided upon a program of prescribed education for its students. Resumption of military training was thereby made possible through a scheme of coordinated physical and military training, by which male students might have their work in the R. O. T. C. unit accredited for the prescribed physical work. Under such plans of operation, a collegiate section of the Reserve Officers' Training Corps was instituted February, 1919, and is in active operation with Major Milton T. Dean assigned as Professor of Military Science and Tactics, and Captain Campbell C. Johnson as his assistant.

In summary, up to the date of the demobilization of the S. A. T. C., there have been trained at Howard University for war work or war instruction, a total of one thousand, seven hundred and eighty-six men, as follows:—

National Army Training Detachments,-----	520
Students' Army Training Corps (Instruc- tion Camp)-----	457
S. A. T. C. A Section: Collegiate, Medi- cal and Dental,-----	388
S. A. T. C. B Section:-----	421

Exclusive of these, the number of Howard men—teachers, alumni, students and ex-students—who entered the armed forces of the nation during the war emergency was beyond fifteen hundred, of whom nearly two hundred were commissioned officers.

In all this considerable war contribution of Howard University, there is the outstanding fact of the effect of the work upon the University itself in combining with the initiative of the new administration to give fresh impetus to what promises to amount to a thoroughgoing reconstruction.

The women of the University also sustained their part: a Red Cross Auxilliary was organized in March, 1917, and by June one thousand

and ten garments, double the estimate, had been sewn and knitted. In the Fall the Auxiliary resumed work, and added a Soldier's Comfort Society, which subsequently became a unit of the Circle for Negro War Relief.

As one of the trustees of the University, who is also an alumnus, was the head of the colored Y. M. C. A. work, the University felt that it had a peculiarly intimate share in this work. Twenty eight Howard men—graduates, students and teachers—chose to do their bit in this way. Three went to Africa to help solve the tremendous problems there; one, in charge of all foreign work, was stationed in Washington; and twenty-five were stationed in various camps here and abroad.

The University did not lag in support of the war and campaigns. \$142,850.00 was subscribed to the first four Liberty Loans, \$2,256.00 to the United War Work Campaign, and other responses made in the same spirit of service which motivated the entire University during the war. Above all else that she has accomplished however, Howard has gained through her war service a momentum of organization and a new conception of her responsibilities and mission such as could only have come out of a great crisis nobly met.

GENERAL INFORMATION

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 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 the 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 not a few 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 contains 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 three 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 and music and sewing rooms. No effort is spared to give it a home-like atmosphere.

BUILDING OF APPLIED SCIENCE

The Hall of Applied Science 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 pharmaceutical laboratories, all of which are modern and thoroughly equipped. The amphitheatre accommodates several hundred. The building has a desirable 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 Sunday vesper services are held here.

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 the extensive libraries of the school.

THE CARNEGIE LIBRARY

The Carnegie Library, a building of classic design, fronting on the campus, is over 100 feet long and 35 feet deep, exclusive of the wing containing the stack room. It has a capacity of from 60,000 to 70,000 volumes, two-thirds of which will be housed eventually in the stack, which is in four tiers and is made entirely of steel and glass. On the first floor two reading rooms open off the circulation room. On the second floor are the special reading rooms of the School of Religion, the offices of the President of the University, the Board Room, and two rooms used for seminars. In the basement there is an assembly hall of convenient size for student meetings.

The Library is intended for general reference and study in all departments, and aims also to supply the students with good general reading. It is open from 8:00 A. M. to 8:30 P. M. on week days while the University is in session. It comprises over thirty-five thousand bound volumes and more than twenty thousand pamphlets. In the valuable library given by Dr. J. E. Moorland and the Lewis Tappan anti-slavery library, there is the beginning of a special collection of books by and about Negroes. It is the purpose of the University to add to this collection, and gifts to it are solicited. The library is being increased constantly by purchase and gift, and more than five thousand dollars are expended annually for books and administration. The reading rooms are provided with about 150 newspapers and periodicals.

The School of Law has a branch library in the Law Building on Fifth Street, which contains about 3,500 volumes of legal reports, treatises, and text-books. For the convenience of the students of the School of Medicine another branch has been established in the Medical Building.

Through the generosity of the Librarian of Congress and of the Public Library of the District of Columbia, the resources of those libraries are placed at our disposal in the most convenient way, and deliveries are made at our building on request. This addition, as it were, to our equipment of the treasures of one of the best-selected

public libraries in the country and of the greatest reference library in the two Americas is an advantage to students and teachers alike, which can hardly be estimated at its full value.

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, and the third to chemistry. On the third floor is a large, well lighted auditorium, seating about 225 students, and 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 training of great value. It also furnishes from time to time lectures which all students may attend.

The Alpha Phi Literary Society, open to members of the College 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 College. Its purpose is to foster debating and to develop ready and useful speakers. Intercollegiate debates are held under its auspices.

The Pestalozzi-Froebel Society is an organization of the School of Education. 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 Maynard Literary Society of the School of Religion discusses topics in the field of religion, sociology and practical life. It holds an annual debate for the Maynard Prize.

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

There are also the Classical Club, Der Deutsche Verein, Le Cercle Français, 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 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 are also Young Men's and Young Women's Glee Clubs thoroughly drilled by instructors of the University. The University Chorus has given Mendelssohn's "Elijah," Handel's "Messiah" and Coleridge-Taylor's "Hiawatha."

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 in the chapel daily prayers, which students are required to attend, and preaches at vespers every Sunday. 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 settlements, the Christian associations of the University and other 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. A member of the new student committee will be glad to meet any new student at the station who writes to the Registrar, 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 Quarter.

OPPORTUNITY FOR WORK BY STUDENTS

Although Howard University offers a number of places in the aggregate for students to earn in part their way in college, most of these positions are engaged beforehand by those who have already attended. Many of our students are engaged outside of the University in Washington, in such work as 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 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 \$100.00 to pay his charges and his expenses till he can get work. At best, except in rare cases, a student during the college session can earn only part of his expenses. He 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 information above applies 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 except 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 \$3.00.

ATHLETICS

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

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 constitutes a prize to be awarded to the best individual debater in the trials for the University debating teams.

EXPENSES

The following list of expenses includes the various items for which charge is made by the University, 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, tailoring and similar expenses will range from two to four dollars per month. Books, paper, and similar articles will cost six dollars per quarter and upward, depending on the courses taken.

All bills for the quarter are due and payable in advance. To pay the quarter's fee and for one month's board, books, stationery, laundry, and other personal expenses, the student should have at least \$65.00 on his arrival. The music student needs more according to the amount of music taken.

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 personal illness in which case a physician's certificate will be required.

Table board will be furnished in the University Dining Hall at cost. 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, and in the men's dormitory with sheets and pillow-cases. All other furnishings such as towels, blankets and pillows, and in the young women's dormitory sheets and pillow-cases must be supplied by the students. This must not be forgotten, nor should the newcomer overlook the advisability of reaching the University early in the day, so that his room may be in order for use the first night.

Applications for rooms in either dormitory are receivable on and after May 1st for the next collegiate year. Such applications should be made as soon after this date as practicable as reservations will be made in the order in which the applications are received, but no

reservation will be made unless there is an advance payment of \$12.00, one quarter's room rent. This will not be refunded except in case of non-attendance on account of personal illness and then only when the room space can be rented to some one else in case notice is given later.

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 Washington should room in Miner Hall. They must refuse to assume responsibility for any young woman who lives in the city and goes back and forth, without proper chaperon, for classes.

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

The deposit for breakage in the Chemical courses 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 quarter any balance of the deposit above the breakage is returned to him.

The charges for music lessons and use of piano are payable by the quarter in advance. All students are required to take two lessons per week, except by express permission of the Director. No student is allowed to drop music within a quarter. No deduction will be made for lessons that are missed on account of holidays or for any cause, except when lessons are missed consecutively for a month or more on account of sickness, and then only on a physician's certificate. Notice of such sickness should be sent to the Director of the Conservatory as soon as it occurs.

FEES PER QUARTER

In the School of Liberal Arts, The School of Education, The School of Commerce and Finance, The School of Journalism, The School of Applied Science, the Junior College, and the Library Training Class.

Matriculation (paid only once on entering).....	\$5.00
Incidental fee.....	15.00

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Laboratory fee, Chemistry courses, each.....	2.50
Laboratory deposit, Chemistry courses for breakage, each....	5.00
Room rent, including steam heat and light.....	12.00
Room deposit, to be refunded at end of occupation of room, if room and furnishings are in proper order.....	1.00
Linen, and laundry of same, for beds in young men's dormitory..	2.00

All students taking laboratory courses are required to pay for breakage and waste.

IN THE SCHOOL OF MUSIC

Matriculation (paid only once on entering).....	\$5.00
General library, athletic and physical training fees.....	2.35
Pianoforte, Singing, Organ and Violin—two lessons per week of thirty minutes.....	18.00
Second Subject.....	18.00
Theory—two class lessons per week.....	4.00
History—two class lessons per week.....	4.00
Solfeggio—two class lessons per week.....	4.00
Training Teacher's Course—two class lessons per week.....	8.00
Public School music—two class lessons per week.....	4.00
Rent of Piano or Organ—three hours daily practice.....	10.00
Rent of Piano or Organ—two hours daily practice.....	7.00
Rent of Piano or Organ—one hour daily practice.....	3.50
Music Library.....	.75

Expenses \$130.00 to \$150.00 per Quarter not including laundry and personal expenses.

IN THE SCHOOL OF RELIGION

Matriculation (paid only on entering).....	5.00
Room rent, including steam heat and light per quarter.....	12.00
Library and athletic fees for the year.....	5.00
Room deposit, to be refunded at end of occupation of room if room and furnishings are in proper order.....	1.00

Correspondence students must purchase the necessary text-books and pay a tuition fee of \$2.50 for each half course taken toward a diploma, and \$5.00 for each half course taken toward a degree. Un-matriculated students taking special correspondence studies must

purchase the necessary text-books. In these special correspondence studies, a subject is divided into courses. The tuition for a course in any subject is placed for the present at the very low rate of \$4.00, payable invariably in advance.

This includes all expenses for question papers and examination papers. Students must enclose stamps for the return of reports on lessons sent in to the office. If for any cause an application should fail of being accepted, the tuition fee is at once returned to the sender.

The tuition fee for the evening classes is \$7.00 for a quarter or \$2.50 for a month. The fee for one course of study is \$2.50; for two courses \$5.00; for three or more \$7.00 per quarter.

These fees are payable in advance. By special permission, payment may be made monthly. All fees must be paid to the Dean who will issue the proper class admittance cards.

Theological students pursuing courses except Greek in the other foregoing schools are charged a proportional incidental fee.

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

Fee for entrance examination.....	\$5.00
Matriculation (paid only on entering).....	5.00
Library and Athletic fees for the year.....	5.00
Medical College, tuition for the year.....	125.00
Medical College, laboratory fee for the year.....	25.00
Dental College, tuition for the year.....	100.00
Dental College, laboratory fee for each year.....	25.00
Pharmaceutical College, tuition for the year.....	80.00
Pharmaceutical College, laboratory fee for each year.....	20.00

If all the dormitory space is not taken by undergraduate students medical students can secure rooms in Clark Hall on terms given in the foregoing.

Tuition and Laboratory fees are payable to the treasurer of the faculty, Dr. McNeill, half on registration and half on first following January. All other fees are payable on registration.

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IN THE SCHOOL OF LAW.

Matriculation (paid only on entering).....	\$5.00
Tuition fee for the year, payable semi-annually in advance....	50.00
Library and Athletic fees for the year.....	5.00

If all the dormitory space is not taken by undergraduate students law students can secure rooms in Clark Hall on terms given in the foregoing.

ESTIMATED EXPENSES OF STUDENTS FOR ONE QUARTER IN ANY EXCEPT PROFESSIONAL SCHOOLS

Incidental fee.....	\$15.00 to	\$15.00
Room rent, heat and light.....	12.00 to	14.00
Board about \$17.00 per month minimum, 3 months..	51.00 to	69.00
Laboratory fees and deposits in Chemistry.....		10.00
Matriculation fee (first year only).....		5.00
Laundry	10.00 to	20.00
Books	6 00 to	15.00
		<hr/>
		\$94.00 to \$148.00

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.

GRADUATION AND DIPLOMAS

Diplomas for Bachelor's Degree and that of Doctor of Medicine.

Pharmacy, Dentistry.....	\$5.00
Graduation fee.....	2.00
Certificates for those who have completed courses which do not entitle them to a degree.....	3.00

FEEES FOR COURSE LEADING TO THE MASTER'S DEGREE

Matriculation Fee.....	5.00
Incidental Fee per Quarter.....	15.00
Tuition for the course.....	50.00
Graduation and Diploma Fee.....	25.00

In laboratory courses fees for material used, breakage and waste.

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 build-

ings or upon its grounds, must be so left at the risk and liability of the owner thereof. The University does not hold itself liable for any personal property belonging to students.

HOW TO ENTER

Before coming to Washington, one desiring to enter the University should invariably write to the Registrar, stating clearly what studies he has completed and what courses of study he desires to take. Failure to do this may work an ultimate hardship. The Registrar will then send him a blank form for a certificate of his record by the authorities of the school he has last attended. 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 the clerk, at the Law Building, 429 Fifth Street, opposite the Court House. Those who plan to enter other schools 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 Electric Line and transferring at Ninth Street to a north-bound Takoma Park, Forest Glen, District Line, Brightwood or Soldiers' Home car.

EXTRACT FROM THE 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 school 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.

THE COLLEGE

COMPRISING

THE JUNIOR COLLEGE AND THE SENIOR SCHOOLS

The college comprises the Junior college which administers the Freshman and Sophomore years; the School of Liberal Arts, the School of Education, the School of Commerce and Finance, the School of Applied Science, the School of Journalism, and the School of Music, which administer the Junior and Senior years. The University maintains also a School of General Service.

The affairs of each Senior School are administered by a Faculty of the University, the Registrar, the Dean of the Junior College and the instructors offering more than two courses in the Junior College.

The affairs of each Senior School are administered by a Faculty consisting in each case of the President of the University, the Dean of the Senior School and the instructors offering as many as two courses in the Senior School.

All persons beginning collegiate work must enter the Junior College. Candidates for the purely academic degrees, Bachelor of Arts and Bachelor of Science, will take their Junior and Senior years in the School of Liberal Arts. Those desiring a specialized baccalaureate degree will enter some other Senior School of their choice.

DEPARTMENTS OF STUDY

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

- I. Department of Biology.
- II. Department of Chemistry.
- III. Department of Economics.
- IV. Department of English.
- V. Department of Geology.
- VI. Department of German.
- VII. Department of Greek.
- VIII. Department of History.
- IX. Department of Latin.
- X. Department of Mathematics.
- XI. Department of Philosophy.
- XII. Department of Physics.
- XIII. Department of Political Science.
- XIV. Department of Psychology.
- XV. Department of Romance Languages.
- XVI. Department of Sociology.

ADMISSION REQUIREMENTS

Applicants for admission without condition to the Freshman Class must present fifteen secondary units. An applicant may be admitted conditioned in not more than two units, provided, first, that he removes all conditions during the Freshmen year, and second, that he does not carry more than the regular number of courses, which must include those in which he is conditioned. If his average for the quarter is B or above, he will be permitted to take an extra course in the subsequent quarter. Any Freshman failing in more than half his work will be dropped.

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. The secondary school work must be preceded by eight years of graded school study. 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 a study is pursued for four or five periods a week; but under ordinary circumstances, a satisfactory year's work in any subject cannot 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.

There are three methods of admission to the Freshman Class:—

1. Through examinations conducted by the University.
2. Through examinations conducted by the College Entrance Examination Board and
3. Through certificates from accredited schools.

Every candidate, irrespective of the method by which he seeks admission, must present to the University through the principal of his school, *first*, a report covering the entire record of subjects and grades for four years, and *second*, a statement including an estimate of his *character, scholarly interests and special ability*.

ENTRANCE EXAMINATIONS CONDUCTED BY THE
UNIVERSITY

Applicants who do not come from an accredited secondary school will be examined in all subjects offered for admission.

These examinations are intended to test the student's general training, power, and capacity, rather than his familiarity with the details of the several subjects. They are given by the University Examiners or under their supervision. Before taking any examination conducted by the University, an applicant must make written application to the Registrar upon blanks provided for the purpose, and must secure a card admitting him to the examination. This may be done by correspondence, but the application must be received not less than one week before the date of the examinations. An examination fee of two dollars will be charged and will not be refunded under any circumstances.

ENTRANCE EXAMINATIONS CONDUCTED BY THE COLLEGE ENTRANCE EXAMINATION BOARD

Entrance Examinations conducted by the College Entrance Examination Board are accepted in place of the entrance examinations conducted by Howard University, provided they are passed with a grade of at least 60 per cent. In 1919 examinations will be held June 16-21.

A list of the places at which the examinations are to be held in June, 1919 will be given in Document No. 92 which will appear about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary not later than February 1.

Every candidate for examination in June, 1919, in any one or more of the subjects in which examinations are offered by the College Entrance Examination Board, is required to file an application with the Secretary of the College Entrance Examination Board, 431 West 117 Street, New York, N. Y. The blank form for this application, which will be ready for distribution in January, will be mailed to any teacher or candidate on request. A specimen of the candidate's handwriting will form a necessary part of the application.

If the application is received sufficiently early the examination fee will be \$6.00 for candidates examined in the United States and Canada and \$20.00 for candidates examined outside of the United States and Canada. The fee, which must accompany the application, should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

The applications and fees of candidates who wish to be examined

outside of the United States and Canada must reach the Secretary of the Board at least six weeks in advance of the first day of the examinations, that is, on or before Monday, May 5, 1919.

The applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River, or in Canada, must be received at least four weeks in advance of the examinations, that is, on or before Monday, May 19, 1919.

The applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River, or on the Mississippi River, must be received at least three weeks in advance of the first day of the examinations, that is, on or before Monday, May 26, 1919.

When the candidate has failed to obtain the required blank form of application for examination, the usual examination fee will be accepted, if the fee arrives not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a list of all the subjects in which he may have occasion to take the Board's examinations.

In order to facilitate the making of arrangements for the proper conduct of the examinations, it is desired that all applications be filed as early as possible.

The fee must be paid by all applicants, whether they intend to present themselves for examination in one subject or in several subjects.

A candidate for examination in two or more successive years will be required to pay an examination fee each year.

ADMISSION BY CERTIFICATE

In place of examinations, certificates may be accepted from schools accredited for the purpose by Howard University. Howard University will admit by certificate also the graduates of secondary schools accredited by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, the New England College Entrance Certificate Board, or the North Central Association of Colleges and Secondary Schools.

Principals desiring to have their schools placed upon the accredited list of Howard University should make application to the Registrar of the University and must give full and detailed information of their faculty, pupils, courses of study, library, laboratories and other

equipment, upon blanks furnished for the purpose. All schools must be re-accredited upon the expiration of a term not exceeding three years, or when the principal is changed. Any school will be dropped from the accredited list, if its graduates fail to do satisfactory college work.

ADMISSION TO ADVANCED STANDING

A candidate for admission to advanced standing who comes from an approved college will be admitted without examination, provided the requirements of the institution from which he comes are equivalent to those of Howard University. The amount of college credit he is to receive for work already done will be determined by the University Examiners in the light of the formal official statements he brings from the college or university last attended.

A candidate for admission to advanced standing who does not come from an approved college must qualify for admission in the same manner as an incoming Freshman, and then submit to examination in the college for which he seeks credit.

ADMISSION OF UNCLASSIFIED STUDENTS

Persons, 21 years or over, of good character, who desire to pursue certain subjects in Howard University, may enter without becoming candidates for a degree and will be listed as unclassified students. They must prove their ability to pursue successfully the subjects chosen. They will be subject to the same fees and discipline as students in the regular courses. Such persons may later become candidates for a degree upon meeting the entrance requirements.

SUBJECTS ACCEPTED FOR ADMISSION

No subjects will be accepted for college admission that are not counted for graduation by the high school.

The following *seven* units are required of all students:—

English	3	} -----Required-----5 units
Algebra	1	
Geometry	1	
One Foreign Language.....	2	} -----Optional-----2 units
Science	2	
History	2	

The maximum credits accepted in each of the following groups are as follows:—(a)—3; (b)—3; (c)—8; (d)—3; (e)—4; (f)—4.

(a)

English3 units

Note:—4 years of secondary work in English yield 3 entrance units.

(b)

Algebra1 to 1½ units

Plane Geometry1 unit

Solid Geometry½ unit

Plane Trigonometry ..½ unit

(c)

Greek1 to 3 units

Latin2 to 4 units

French2 to 4 units

Spanish2 units

German2 to 4 units

Note:—One unit in a Foreign Language will not be accepted except in Greek.

(d)

Ancient History ..½ to 1 unit

Medieval and Modern

History½ to 1 unit

English History ..½ to 1 unit

American History ..½ to 1 unit

General History .. 1 unit

Civil Government½ unit

Note:—General History will not be accepted if Ancient, Medieval, or Modern History is offered.

(e)

Physics, not less than...1 unit

Chemistry, not less than

1 unit

Physical Geography or

Physiography...½ to 1 unit

Botany½ to 1 unit

Zoology½ to 1 unit

Physiology½ to 1 unit

General Science ..½ to 1 unit

Note:—Students offering science must present note book approved by the instructor.

(f)

Bookkeeping½ to 1 unit

Commercial Geog...½ to 1 unit

Stenography1 unit

Freehand and Mechanical

Drawing½ to 2 units

Shop Work½ to 3 units

Home Economics

½ to 3 units

Agriculture....½ to 3 units

Subjects in group (f), like laboratory subjects, count two hours for one.

DEFINITION OF ENTRANCE REQUIREMENTS

ENGLISH

English Grammar and Composition

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 *Olysssey*, 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 *Æneid*. The *Odyssey*, *Iliad*, and *Æneid* 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 II. *Shakespeare*.—A *Midsummer Night's Dream*, *The Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Caesar*,* *Macbeth*,* *Hamlet*.*

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*; Dicken's novels, any one; Thackeray's novels, any one; George Elliot'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*, Cobot 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, *Life of Nelson*; Lamb, selections from the *Essays of Elia* (about 100

*If not chosen for study under it.

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 Olwe, Warren Hastings, Milton, Addison, Goldsmith, Frederic, the Great, Madame d'Arblay*; Trevelyan, selections 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 Graham, 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, Icky*; 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, Herve Riel, Phiddippides, My Last Duchess, Up at a Villa—Down 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 II. *Poetry*.—Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in *Book IV* of Palgrave's *Golden Treasury* (First Series).

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 of 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

Elementary Algebra; Algebra to Quadratics and Beyond

One and one-half units.

A-1 The fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

A-2 Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetic and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

B. Plane Geometry

One Unit

The usual theorems and constructions of good text-books,* including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

C. Solid Geometry

One-half unit

The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

*The examination questions in plane and solid geometry will be limited to propositions contained in the syllabus prepared by the National Committee of Fifteen appointed by the American Federation of Teachers of the Mathematical and Natural Sciences and the National Education Association. The Report of the Committee was published in *The Mathematics Teacher* for December, 1912.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surfaces and solids.

D. Trigonometry

One-Half Unit

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series.)

The solution of right and oblique triangles and practical applications.

GREEK

- A Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verbs; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive.
One-half unit.

Elementary Prose Composition, consisting principally of detached sentences to test the candidate's knowledge of grammatical construction.
One-half unit.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

- B Xenophon: The first four books of the *Anabasis*. One unit
- C Homer—*Iliad*, I-III: The first three books of the *Iliad* (omitting II, 494-end), and the Homeric constructions, form, and prosody. One unit.

- F Prose Composition, consisting of continuous prose based on Xenophon, and other Attic prose of similar difficulty.
One-half unit.
- G Sight Translation of Attic Prose of no greater difficulty than Xenophon's *Anabasis*.
- BG Xenophon, and sight Translation of Prose.
- CH Homer—*Iliad*, I-III, and Sight Translation of Homer. One unit.

LATIN

I. Amount and Range of the Reading Required.

- (1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, *Gallo War*, I-IV: Cicero, the orations against *Catiline*, for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I-VI.
- (2) The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (*Gallo War*, and *Civil War*) and Nepos (*Lives*); Cicero (orations, letters; and *De Senectute*) and Sallust, *Catiline* and *Jugurthine War*; Vergil (*Bucolics*, *Georgics*, and *Æneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristitia*).

II. Scope of the Examinations.

- (1) Translation at Sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.
- (2) Prescribed Reading. Candidates will be examined also upon the following prescribed reading:

In 1919, Cicero, oration for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I, II, and either IV or VI, at the option of the candidate.

In 1920, 1921, and 1922. Cicero, the third oration against *Catiline* and the orations for *Archias* and *Marcellus*; Vergil, *Æneid*, II, III, and VI.

In 1923, 1924, and 1925. Cicero, the fourth oration against *Catiline* and the oration for the *Manilian Law*: Vergil, *Æneid*, I and IV: Ovid, *Metamorphoses*, Book III, 1-137 (*Cadmus*); IV, 55-160 (*Pyramus and Thisbe*), and 663-764 (*Perseus and Andromeda*); VI, 165-312 (*Niobe*): VIII, 183-235 (*Daedalus and Icarus*); X, 1-77 (*Orpheus and Eurydice*); XI, 85-145 (*Midas*).

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) Grammar and Composition. The examinations in grammar and composition will demand a thorough knowledge of all regular inflections, all common authors read in school, with ability to use this knowledge in writing simple Latin prose.

Suggestions concerning Preparation.

Exercises in translation at sight should begin in school with the first lessons in which Latin sentences of any length occur, and should continue throughout the course with sufficient frequency to insure correct methods of work on the part of the student. From the outset particular attention should be given to developing the ability to take in the meaning of each word—and so, gradually, of the whole sentence—just as it stands; the sentence should be read and understood in the order of the original, with full appreciation of force of each word as it comes, so far as this can be known or inferred from that which has preceded, and from the form and the position of the word itself. The habit of reading in this way should be encouraged and cultivated as the best preparation for all the translation that the student has to do. No translation, however, should be a mechanical paraphrase. Nor should it be a mere loose paraphrase. The full meaning of the passage to be translated, gathered in the way described above, should finally be expressed in clear and natural English.

A written examination cannot test the ear or tongue, but proper instruction in any language will necessarily include the training of

both. The school work in Latin, therefore, should include much reading aloud, writing from dictation, and translation from the teacher's reading. Learning suitable passages by heart is also very useful, and should be more practiced.

The work in composition should give the student a better understanding of the Latin he is reading at the time, if it is prose, and greater facility in reading. It is desirable, however, that there should be systematic and regular work in composition during the time in which poetry is read as well; for this work the prose authors already studied should be used as models.

Subjects for Examinations

Latin 1, 2, 4, and 5 are counted as one unit each, 3 as two units, and 6 as one-half unit; but 3 has no assigned value unless offered alone; 1, 2, and 6 have no assigned values unless offered with 4 or 5, and in no case is the total requirement to be counted as more than four units.

1. Grammar. The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).

2. Elementary Prose Composition. The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).

3. Second Year Latin. This examination is offered primarily for candidates intending to enter colleges which require only two years of Latin or accept so much as a complete preparatory course. It will presuppose reading not less in amount than Caesar, *Gallo War, I-IV*, selected by the schools from Caesar (*Gallo War and Civil War*) and Nepos (*Lives*); but the passages set will be chosen with a view to sight translation. The paper will include easy grammatical questions and some simple composition.

4. Cicero (oration for the *Manilian Law* and for *Archias*) and Sight Translation of Prose. The examination will presuppose the reading of the required amount of prose (See I, 1 and 2).

124. Latin 1, 2, and 4 combined.

5. Vergil (*Aeneid, I, II*, and either *IV or VI*, at the option of the candidate) and Sight Translation of Poetry. The examination will

pre-suppose the reading of the required amount of poetry (See I, 1 and 2).

6. Advanced Prose Composition.

FRENCH

A. *Elementary French*

Two Units

The Aim of the Instruction

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of every-day life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work To Be Done

During the first year the work should comprise:

1. Careful drill in pronunciation.
2. The rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, the elementary rules of syntax.
3. Abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
4. The reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in producing from memory sentences previously read.
5. Writing French from dictation.

Suitable texts for the first year are: A well graded reader for beginners; Bruno, *Le tour de la France*; Compayré, *Yvan Gall*; Laboulaye, *Contes bleus*; Malot, *Sans famille*.

During the second year the work should comprise :

1. The reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.
2. Constant practice, as in the previous year, in translating into French easy variations upon the text read.
3. Frequent abstracts, sometimes oral and sometimes written, of portions of the text already read.
4. Writing French from dictation.
5. Continued drill upon the rudiments of grammar, with constant application in the construction of sentences.
6. Mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: Daudet, *Le Petit Chose*; Erckmann-Chatrian, stories; Halévy, *L'Abbé Constantin*; Labiche et Martin, *Le Voyage de M. Perrichon*; Levisse, *Histoire de France*.

B. Intermediate French

One Unit

The Aim of the Instruction

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax that is expected in the elementary course.

The Work To be Done

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts for the third year are: Bazin, *Les Oberlé*; Dumas, novels; Mérimé, *Columba*; Sandeau, *Mlle. de la Seiglière*; Tocqueville, *Voyage en Amérique*.

C. *Advanced French**One Unit**The Aim of the Instruction*

At the end of the advanced course the pupil should be able to read at sight, with the help of a vocabulary of special or technical expressions, difficult French not earlier than that of the seventeenth century; to write in French a short essay on some simple subject connected with the works read; to put into French a passage of easy English prose; and to carry on a simple conversation in French.

The Work To Be done

This should comprise the reading of from 600 to 1,000 pages of standard French, classical and modern, only difficult passages being explained in the class; the writing of numerous short themes in French; the study of syntax.

Suitable texts for the fourth year are: Dumas fils, *La Question d'Argent*; Hugo, *Quatre-vingt-treize* or *Les Misérables*; Loti, *Pêcheur d'Islande*; Taine, *L'Ancien Régime*; Vigny, *Oinq-Mars*; an anthology of verse.

SPANISH

*Two Units**The Aim of the Instruction*

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of every-day life or based upon a portion of the Spanish text read, and to answer questions on the rudiments of the grammar, as indicated below.

The Work To Be done

During the first year the work should comprise:

1. Careful drill in pronunciation.
2. The rudiments of grammar, including the conjunction of the regular and the more common irregular verbs, the inflections of nouns, adjectives, and pronouns, and the elementary rules of syntax.

3. Exercises containing illustrations of the principles of grammar.
4. The careful reading and accurate rendering into good English of about 100 pages of easy prose and verse, with translation into Spanish of easy variations of the sentences read.

5. Writing Spanish from dictation.

During the second year the work should comprise :

1. The reading of about 200 pages of prose and verse.
2. Practice in translating Spanish into English, and English variations of the text into Spanish.
3. Continued study of the elements of grammar and syntax.
4. Mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses.
5. Writing Spanish from dictation.
6. Memorizing of easy short poems.

The emphasis should be placed on careful thorough work with much repetition rather than upon rapid reading. The reading should be selected from the following: A collection of easy short stories and lyrics, carefully graded; Juan Valera, *El Pájaro Verde*; Pérez Escribá, *Fortuna*; Ramos Carrión and Vital Aza, *Zaragueta*; Palacio Valdés, *José*; Pedro de Alarcón, *El Capitán Veneno*; the selected short stories of Pedro de Alarcón or Antonio de Trueba.

Every secondary school in which Spanish is taught should have in its library several Spanish-English and English-Spanish dictionaries, the all-Spanish dictionary of the Royal Spanish Academy; one or more manuals of the history of Spanish literature, such as that by Fitzmaurice-Kelly, and Ticknor's *History of Spanish Literature*.

GERMAN

A. *Elementary German*

Two Units

The Aim of the Instruction

At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narra-

tive prose, help being given upon unusual words and construction, to put into German short English sentences taken from the language of everyday life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

The Work To Be Done

During the first year the work should comprise :

1. Careful drill upon pronunciation.
2. The memorizing and frequent repetition of easy colloquial sentences.
3. Drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order.
4. Abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
5. The reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

Suitable texts for the first year* are: After one of the many Readers especially prepared for beginners,—Meissner's *Aus meiner Welt*; Blüthgen's *Das Peterle von Nürnberg*; Storm's *Immensee*, or any of Baumbach's short stories.

During the second year the work should comprise :

1. The reading of from 150 to 200 pages of literature in the form of easy stories and plays.
2. Accompanying practice, as before, in the translation into Ger-

*During each year at least six German poems should be committed to memory.

man of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages.

8. Continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his or her knowledge with facility in the formation of sentences, and, secondly, to state his or her knowledge correctly in the technical language of grammar.

Suitable texts for the second year* are: Gerstäcker's *Germelshausen*; Eichendorff's *Aus dem Leben eines Taugenichts*; Wildenbruch's *Das edle Blut*; Jensen's *Die braune Erica*; Seidel's *Leberecht Hühnchen*; Fulda's *Unter vier Augen*; Benedix's *Lustspiele* (any one).

For students preparing for a scientific school a scientific reader is recommended.

B. Intermediate German

One Unit

The Aim of the Instruction

At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical, to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

The Work To Be Done

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

*At least six German poems should be committed to memory.

Suitable texts for the third year* are: Heyse's, Riehl's, Keller's, Storm's, Meyer's, Ebner-Eschenbach's, W. Raabe's *Novellen* or *Erzählungen*; Schiller's *Wilhelm Tell*; Freytag's *Die Journalisten*; Heine's *Harzreise*.

C. Advanced German

One Unit

The Aim of the Instruction

At the end of the advanced course the student should be able to read, after brief inspection, any German-literature of the last one hundred and fifty years that is free from any unusual textual difficulties, to put into German a passage of simple English prose, to answer in German questions relating to the lives and works of great writers studied, and to write in German a short independent theme upon some assigned topic.

The Work To Be Done

The work of the advanced course should comprise the reading of about five hundred pages of good literature in prose and poetry, reference reading upon the lives and works of the great writers studied, the writing in German of numerous short themes upon assigned subjects, independent translation of English into German.

Suitable texts for the fourth year* are: Goethe's, Schiller's, Lessing's works and lives.

HISTORY

A. Ancient History, with special reference to Greek and Roman history, and including also a short introductory study of the more ancient nations and the chief events of the early Middle Ages, down to the death of Charlemagne (814). One unit.

B. Medieval and Modern European History, from the death of Charlemagne to the present time. One unit.

C. English History. One unit.

D. American History. One unit.

E. Modern European History, including English. One unit.

F. General History. One unit.

*At least six German poems should be committed to memory.

The examinations in history will be framed so as to require the use of both judgment and memory on the pupil's part. They will presuppose the use of good text-books, collateral reading, and practice in written work. Geographical knowledge will be tested by requiring the location of places and movements on an outline map.

CIVIL GOVERNMENT

One-half unit

Civil Government, in the United States (national, state, and local) : its constitution, organization, and actual working.

The candidate will be expected to show, on examination, such general knowledge of the field as may be acquired from the study of a good text-book of not less than three hundred pages, supplemented by collateral reading, and discussion. The examination will call for familiarity with constitutional questions and with the procedure of legislative bodies.

For preparation in this subject, a course of study equivalent to at least three lessons a week for one year will be necessary.

PHYSICS

One Unit

General Statement

1. The course of instruction in Physics should include :

(a) The study of one standard text book, for the purpose of obtaining a connected and comprehensive view of the subject. The student should be given opportunity and encouragement to consult other scientific literature.

(b) Instruction by lecture-table demonstrations, to be used mainly for illustration of the facts and phenomena of physics in their qualitative aspects and in their practical applications.

(c) Individual laboratory work consisting of experiments requiring at least the time of 30 double periods, two hours in the laboratory to be counted as equivalent to one of class-room work. The experiments performed by each student should number at least 30. Those named in the appended list are suggested as suitable. The work

should be so distributed as to give a wide range of observation and practice.

The aim of laboratory work should be to supplement the pupil's fund of concrete knowledge and to cultivate his power of accurate observation and clearness of thought and expression. The exercises should be chosen with a view to furnishing forceful illustration of fundamental principles and their practical applications. They should be such as yield results capable of ready interpretation, obviously in conformity with theory, and free from the disguise of unintelligible units.

Slovenly work should not be tolerated, but the effort for precision should not lead to the use of apparatus or processes so complicated as to obscure the principle involved.

2. Throughout the whole course special attention should be paid to the common illustrations of physical laws and to their industrial applications.

3. In the solution of numerical problems, the student should be encouraged to make use of the simple principles of algebra and geometry to reduce the difficulties of solution. Unnecessary mathematical difficulties should be avoided and care should be exercised to prevent the student from losing sight of the concrete facts in the manipulation of symbols.

A note book is required by Howard University.

CHEMISTRY.

One Unit

The following requirement has been planned so as to make it equally suitable for the instruction of the student preparing for college and for the student not going beyond the secondary school. To this end the requirement is divided into two parts.

Part 1 contains a minimum list of essential topics. In the examination papers there will be no optional questions on this part, and these questions will count sixty (60) per cent.

Part 2 is supplementary, and provides for a more extended programme along three main lines, namely:

- a. Descriptive chemistry.
- b. Chemical principles or theories.
- c. Applications of chemistry in the household or in the arts.

This part of the examination paper offers a choice of questions and will count forty (40) per cent. In his answers the candidate must confine himself to two out of three groups of questions.

The teacher may thus devote the time to any two of the three groups indicated, and so adapt his course to local conditions or personal preference. It should be clearly recognized that thoroughness in teaching must not be sacrificed to an attempt to cover the topics named in all three of the groups.

It is required that the candidate's preparation in chemistry should include:

1. Individual laboratory work, comprising at least forty exercises selected from a list of sixty or more, not very different from the list below.
2. Instruction by lecture-table demonstration, to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations.
3. The study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of elementary chemistry.

Part 1. Minimum List of Essentials.

The following outline includes such representative topics as should be studied in the classroom and laboratory. The material is, for the most part, common to all elementary text-books and laboratory manuals. For convenience of statement the topics are classified without reference to the proper order of presentation. The actual order will be determined by that employed in the text-book, or by the individual teacher himself.

The preparation, properties and uses of the following elements—hydrogen, oxygen, atmospheric nitrogen, chlorine; the properties and uses of carbon (including allotropic forms), sulphur, sodium, zinc, iron, copper and gold. In the case of the metals mentioned, the action of air, of water and of dilute acids should be discussed.

The preparation (one method), properties and uses of the following compounds—hydrochloric acid, sodium chloride, silver chloride; sulphur dioxide, sulphuric acid (preparation by the contact process), hydrogen sulphide; calcium phosphate; carbon dioxide, including its relation to vital processes; carbon monoxide; calcium carbonate, calcium oxide, calcium hydroxide; ammonia, ammonium hydroxide; nitric acid (including action on copper), nitric oxide; sodium nitrate, potassium nitrate; the properties and uses only of sodium carbonate and sodium acid carbonate.

The preparation, properties and uses of a few common organic substances, namely petroleum products, ethyl alcohol, acetic acid, glucose, cane-sugar and starch.

The properties of the elements and compounds studied should be those which serve for recognition, or those which are related to some important use. The uses considered should be those of household or industrial importance.

A detailed study of air, including the nitrogen, oxygen, carbon dioxide and water vapor; water and its properties; impure water and its relation to health, its treatment by boiling, distillation and filtration.

Simple types of chemical action—direct combination, decomposition, displacement of an element in a compound by another element; double decomposition; radicals as units in chemical action; order of activity of the common metallic elements; acids, bases, neutralization and salts; the identification of a few substances by means of characteristic properties and reactions; quantitative character of chemical action as illustrated by one or two experiments.

The laws of Boyle and Charles, quantitatively, with simple problems in each separately; instances and statement of the laws of conservation of mass, conservation of energy, and definite proportions: illustration of the law of multiple proportions; reacting weights of elements; elementary statement of the atomic theory and its relation to the law of definite proportions; significance and use of atomic weights.

Valence in an elementary way; nomenclature as illustrated by simple inorganic compounds; use of formulae in constructing and

balancing equations; simple exercises in chemical arithmetic, the atomic weights and the formulae of the compounds involved being given, calculation of (a) percentage composition, (b) weights of substances concerned in chemical reactions, (c) the volume of a gas resulting from a chemical reaction (the weight of a liter of the gas under the conditions of the experiment being given).

Energy change as characteristic of chemical action; combustion (in an elementary way); effect of concentration as illustrated by combustion in air and in oxygen; flame; oxidation by oxygen, and reduction by hydrogen and by carbon; catalysis, as illustrated by one or two simple examples of contact action; solution, saturated solution, degree of solubility; separation of solids from solution, precipitation including crystallization (not crystallography); electrolysis, as illustrated by one or two cases.

Chemical terms should be defined and explained, and the pupil should be able to illustrate and apply the ideas they embody. The theoretical topics are not intended to form separate subjects of study, but should be taught only so far as is necessary for the correlation and explanation of the experimental facts.

It should be the aim of the teacher to emphasize, as opportunity offers, the essentials importance of chemistry to modern civilization.

Part 2. Supplementary Requirement.

a. Descriptive: The chief physical and chemical characteristics, the preparation and the recognition of the following elements: oxygen (zone), hydrogen, carbon, nitrogen, chlorine, bromine, iodine, sulphur, phosphorus, sodium, aluminium, zinc, iron, lead and copper.

The chief physical and chemical characteristics, the preparation and the recognition of some important compounds, namely, the compounds mentioned in Part 1, and also the following substances: Hydrogen peroxide, nitrous oxide; nitrogen peroxide; hypochlorous acid and one salt; sulphurous acid and sodium sulphite; the sulphate and the chloride of calcium; aluminium sulphate and alum; the sulphate and the chloride of zinc; ferrous sulphate, ferrous chloride, ferric chloride, ferric oxide and ferric hydroxide; the acetate and the carbonates of lead; litharge and red lead; cupric sulphate; the chlorides of mercury (preparation not required) silver nitrate.

In case of the elements and compounds listed in both Part I and Part II, a more extended study is expected to be made for Part II.

b. Principles: Natural grouping of the elements; solvents and solubility of gases, liquids and solids, saturation; correction of gas volumes; law of multiple proportions; the atomic theory as a means of interpreting the fundamental chemical laws; two cases illustrating Gay Lussac's law of combining volumes; Avogadro's hypothesis, derivation of the hydrogen molecule as H_2 , proportionality between weights of like electrolytic dissociation in so far as necessary to explain electrolysis, neutralization and reactions to litmus paper of copper sulphate and sodium carbonate solutions; reversibility of chemical actions.

c. Applications: In the treatment of all the above topics, due consideration should be given to the more familiar industrial and household applications of the substances involved. In addition, the following topics may be considered in some detail; treatment of waters for laundry and industrial purposes; soaps and washing powders; common fuels; operation of household stoves and furnaces; general classes of foods; simpler metallurgy of iron and steel; electrolysis as applied to electro-plating and the refining of metals; the simple chemistry of the internal combustion engine.

The examination questions will be confined to the above topics, but it must be understood that the College Entrance Examination Board does not suggest that the instruction be thus limited. In case the number of assigned periods is above the average, the teacher may include a larger amount of descriptive and theoretical chemistry, or interesting applications of chemistry to subjects like the removal of grease, rust, ink and mildew stains; glass; cement; typical alloys; metallurgy of zinc and aluminium; important fertilizers; photography; organic compounds like wood-alcohol, ether, chloroform, carbon tetrachloride, carbon disulphide and explosives.

A note book is required by Howard University.

GEOGRAPHY

One half to one unit.

The following outline includes only the most essential facts and principles of physical geography, which must be studied in the

class room and laboratory. The order of presentation is not essential; it is recommended, however, that the topics be treated in general in the order given.

Outline:

The field of physical geography in secondary schools should include (1) the earth as a globe, (2) the ocean, (3) the atmosphere, and (4) the land.

The candidate's preparation should include:

1. The study of one of the leading secondary text-books in physical geography, that a knowledge may be gained of the essential principles, and of well-selected facts illustrating those principles.

2. Individual laboratory work, should comprise at least forty exercises. From one-third to one-half of the candidate's classroom work should be devoted to laboratory exercises. In the autumn and spring field trips should take the place of laboratory exercises.

A note book is required by Howard University.

PHYSIOLOGY.

NOTE—Although for convenience of reference, the physiological topics are here grouped together, they should by no means be studied by themselves and apart from structure.

1. Plant Physiology.

a. Functions of water in the plant; absorption (osmosis); path of transfer; transpiration; turgidity and its mechanical value

b. Photosynthesis; dependence on chlorophyll, light, and carbon dioxide; evolution of oxygen.

c. Respiration necessary for oxygen; evolution of carbon dioxide.

d. Enzymes; digestion and the translocation of foods; other reactions.

e. (Optional) Nature of stimulus and response; irritability; geotropism; heliotropism; hydrotropism.

II. Animal physiology.

General physiology involving the essentials of food getting, digestion, absorption, circulation, respiration, cell metabolism, secretion, excretion, locomotion, and nervous functions. This study should apply comparatively the elements of human physiology. So far as practical, structure and function should be studied together.

A note book is required by Howard University.

BOTANY.

One unit.

The examination in botany will consist of three groups of five questions each, and the student must choose at least three questions from each group; a tenth question may be chosen from any of the groups.

Group 1 will consist of five questions on the structure of plants.

Group 2 will consist of five questions on physiology, life-history and classification of plants.

Group 3 will consist of five questions on the relation of plants to human welfare.

A note book is required by Howard University.

ZOOLOGY.

One unit.

The examination in zoology will consist of three groups of five questions each, and the student must choose at least three questions from each group; a tenth may be chosen from any of the groups.

Group 1 will consist of five questions on the structure of animals.

Group 2 will consist of five questions on physiology, life-history, and classification of animals.

Group 3 will consist of five questions on the relation of animals to human welfare.

A note book is required by Howard University.

BOOKKEEPING, COMMERCIAL GEOGRAPHY, STENOGRAPHY, FREEHAND AND MECHANICAL DRAWING, SHOP WORK, DOMESTIC ART AND SCIENCE, and AGRICULTURE. These voca-

tional subjects will not be accepted unless pursued in a school of high standing that counts them for graduation. In every case the judgment of the Board of Examiners will determine whether admission credit will be granted, and how much.

GRADUATION AND DEGREES.

AMOUNT OF WORK.

The requirements for graduation shall consist of the satisfactory completion of thirty-six units of classroom work according to specified requirements of the Junior College and the Senior Schools. A student is expected to do at least three units of work each quarter, and will not be allowed to do more except by special permission granted because of his superior work.

DIVISION OF THE YEAR AND CREDITS

The collegiate year is divided into three quarters, Autumn, Winter and Spring. A course of study pursued through a quarter and meetings five times a week yields a unit. Courses in the Junior College meet five times a week. Courses in the Senior Schools meet four or five times a week. Two hours of laboratory work shall count as a one hour of recitation except in the School of Education and the School of Applied Science where a larger requirement may be made.

Physical education is required of all candidates for graduation.

Physical education is required of all candidates for graduation. Each candidate for graduation must present to the Registrar a certificate from the Director of Physical Education stating that he has satisfactorily completed the work required in that department.

Chapel attendance is required of all academic students. Three cuts a quarter are allowed for chapel and for class.

DEGREES

The following degrees shall be offered by the University:

- a. The School of Liberal Arts, A. B. and S. B.
- b. The School of Education, S. B. in Education and A. B. in Education.
- c. The School of Applied Science, S. B. in C. E.; S. B. in E. E.; S.

B. in M. E. ; S. B. in Architecture ; S. B. in Agriculture and S. B. in Home Economics.

d. The School of Finance and Commerce, S. B. in Commerce.

e. The School of Journalism, S. B. in Journalism.

f. The School of Music, Bachelor of Music.

The School of Liberal Arts confers the degree of Bachelor of Arts when the student entering with the maximum admission credits in Latin and Greek has completed three units of each in the College and has completed in Group 1 not less than nine nor more than fourteen units and six units in another group. Candidates entering with less than the maximum credits in Latin and Greek must take additional courses to make up this deficiency according to the Combination Schedule of Admission and Junior College requirements.

The degree of Bachelor of Science is conferred when the student entering with the maximum admission credits in science has completed in Group 2 not less than nine units nor more than fourteen and six other units in another Group. Students complying with the same requirements in the School of Education receive the degree of Bachelor of Arts in Education or Bachelor of Science in Education.

The School of Applied Science offers the degrees of Bachelor of Science in Civil Engineering, Mechanical Engineering, Electrical Engineering, Agriculture, or Home Economics ; the School of Commerce and Finance, the degree of Bachelor of Science in Commerce ; the School of Journalism, the degree of Bachelor of Science in Journalism ; and the School of Music, the degree of Bachelor of Music. In each of these cases, however, the requirements for the degree of Bachelor of Science include not only the completion of not less than nine nor more than fourteen units in a special field and six additional units in another, but also a number of other requirements peculiar to these schools. The electives of students in these schools are therefore few.

Candidates for degree of Bachelor of Science in the School of Education, the School of Commerce and Finance, and the School of Journalism are required to complete not less than nine units in Group 3. Candidates for a degree in the School of Music com-

plete nine units in Group 1. Candidates for degrees in the School of Applied Science will from the nature of the course do more than this amount of work in Group 2.

GROUPS OF STUDIES.

I.	II.	III.
Greek	Mathematics	History
Latin	Physics	Economics
English	Chemistry	Political Science
French	Biology	Sociology
Spanish	Physiology	Philosophy
Italian	Geology	Psychology
German		

COURSES OF LIMITED CREDIT.

Students in one school may elect a small number of courses in another, but certain courses in the Junior College will yield only one-half credit to Juniors in the Senior Schools and no credit at all to Seniors in the Senior Schools. These are, English 1 and 2, History 1 and 2, Mathematics 1, German 1 and 2, French 1 and 2, Physics 1 and 2, Chemistry 1 and 2.

DIVISIONS OF STUDENTS.

The students of the Junior College and the Senior Schools are grouped for convenience in six divisions to bring the whole student body under the direct supervision of the Dean of Men and the Dean of Women. These Deans will arrange for periodical meetings to give lectures and hold individual conferences taking up the life work and special problems of the students, their duty to themselves, their homes, their fellow students, their instructors, the University, the community and the nation. The division to which a student belongs is determined by the number of units with which the student has been credited in the University according to the following schedule:

Division 1.....	0 to 6 units
Division 2.....	7 to 12 units
Division 3.....	13 to 18 units

Division 4.....	19 to 24
Division 5.....	25 to 30 units
Division 6.....	31 to 36 units

The men in these divisions will meet the Dean of men, and the women, the Dean of women, at such times as may be arranged.

THE JUNIOR COLLEGE

Kelly Miller, Dean; Professor of Sociology

The faculty of the Junior College is composed of all instructors engaged in Junior College work. The constituency is, therefore, variable. Most instructors give courses which are required in several of the Senior Schools and instructors in the Senior Schools sustain a similar relation to the Junior College.

The Junior College embraces the work of the first two years. The aim is to bring under the same supervision all first and second year students to give them the guidance necessary to laying a broad foundation for the more advanced work of the Senior Schools. The students of the Junior College are mainly concerned with meeting specified requirements. On completing such courses together with sufficient electives to constitute eighteen units, these students become members of the Senior Schools for which they have prepared.

The University maintains close connection with the institutions less favorably circumstanced with a view to cooperating with them in the preparation of those students desiring to continue their studies at the University. The University endeavors to guide such institutions in their instruction of such students taking elsewhere only those courses which may be profitably pursued and deferring the pursuit of other subjects which may be much more advantageously taken at Howard.

Students anticipating the study of Religion or Law, as well as those already registered in these schools, and desiring further to strengthen their foundation, may pursue in the College, upon payment of the required fees, courses in which they need to be well grounded.

To prevent students from taking courses which they may not profitably pursue, the College requires the sequences set forth in the following schedules.

COMBINATION OF ADMISSION AND JUNIOR COLLEGE REQUIREMENTS

	School of Liberal Arts			School of Education			School of Journalism			School of Commerce & Finance			School of Applied Science		
	Admission	College	Total	Admission	College	Total	Admission	College	Total	Admission	College	Total	Admission	College	Total
English	3	2	5	3	2	5	3	4	7	3	3	6	3	3	6
French or German	2 3 4	3 2 1	5 5 5	2 3 4	3 2 1	5 5 5	2 3 4	4 3 2	6 6 6	2 3 4	4 3 2	6 6 6	2 3 4	4 3 2	6 6 6
Greek	1 2 3	5 4 3	6 6 6	1 2 3	5 4 3	6 6 6	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
History	1 2 3	1 0 0	2 2 3	1 2 3	1 0 0	2 2 3	1 2 3	1 0 0	2 2 3	1 2 3	2 1 0	3 3 3	1 2 3	1 0 0	2 2 3
Latin	2 3 4	5 4 3	7 7 7	2 3 4	5 4 3	7 7 7	2 3 4	5 4 3	7 7 7	2 3 4	3 2 1	5 5 5	2 3 4	3 2 1	5 5 5
Mathematics	2 3	3 2	5 5	2 3	3 2	5 5	2 3	3 2	5 5	2 3	3 2	5 5	2 3	4 3	6 6
Science	1 2 3 4	3 2 1 0	4 4 4 4	1 2 3 0	3 2 1 0	4 4 4 4	1 2 3 4	3 2 1 0	4 4 4 4	1 2 3 4	3 2 1 0	4 4 4 4	1 2 3 4	6 5 4 3	7 7 7 7

HOWARD UNIVERSITY**REQUIREMENTS TO BE MET IN THE
JUNIOR COLLEGE**

The following lists of studies are required of the Junior College students preparing to enter the Senior Schools.

SCHOOL OF EDUCATION

English -----	2 units	History -----	2 units
A Foreign Language---	4 units	General Psychology --	2 units
Physiology -----	2 units	Mathematics -----	2 units

SCHOOL OF COMMERCE AND FINANCE

English -----	2 units	Political Science -----	2 units
Public Speaking-----	1 unit	Psychology -----	1 unit
History -----	2 units	Mathematics I-----	2 units
Chemistry or Physics--	2 units	French or German----	2 units
Economics -----	2 units		

SCHOOL OF JOURNALISM

Advanced English Compo- sition -----	2 units	English Literature----	2 units
Mathematics or Science 2 units		A general course in Shakes- peare -----	2 units
European History-----	2 units	Modern European Litera- ture -----	2 units
Introductory Economics 2 units		French or German----	4 units

TWO YEAR PRE-MEDICAL PROGRAM**FRESHMEN**

English -----	4 units	Chemistry -----	4 units
Mathematics -----	4 units		

SOPHOMORES

French or German----	4 units	Zoology -----	4 units
Physics -----	4 units		

ENTRANCE

Students may enter at the beginning of any quarter. All students must register at the beginning of every quarter, whether they were in residence the preceding quarter or not.

No student will be allowed to enter after the first day of the quarter except by vote of the Board of Examiners and the payment of a late registration fee of \$5.00.

DESCRIPTION OF COURSES

BIOLOGY

Professors Schuh, Just and Turner.

Biology 1. *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. Not open to students who have received admission credit in Botany. May be taken in connection with Biology 8. Autumn, PROFESSOR SCHUH.

Biology 2. *Advanced Botany.* A course in 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 Biology 1 or its equivalent. May be taken with Biology 8.

Winter, PROFESSOR SCHUH.

Biology 3. *Plant Pathology.* Primarily for Agricultural and Home Economics students. The subject matter will be chosen to illustrate the characteristic types of plant diseases. The causal factor will be studied from a pathological point of view. This course will teach diagnosis of the disease, and methods of control. A thesis will be required of each student. Prerequisite: Biology 1.

Winter, PROFESSOR TURNER.

Biology 4. *Plant Physiology.* Primarily for Agricultural and Home Economics students; elective for others. Study of the principles of Plant Physiology that can be applied directly to agricultural practice. The course will take up the physiology of the plant in its relation to water and to mineral nutrients, the essentials of food production and the relations to plant growth and development to these and other factors. Prerequisite: Biology 1.

Spring, PROFESSOR TURNER.

Biology 5. *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.* Prerequisite training in

Biology and Physical Science to be determined in each case by the instructor.
Spring, PROFESSOR TURNER AND ASSISTANT.

Biology 6. *Biology of Foods.* The purpose of this course is to acquaint students with the sources of foods and 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.

Autumn, PROFESSOR TURNER.

Biology 7. *Physiology.* 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. The human body as related to other animals, Skeleton, Muscles, Nervous System and Special senses will be considered. Training 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.

Autumn, PROFESSOR TURNER.

Biology 8. *Physiology of the Human Systems.* This course will cover Circulatory, Respiratory, Digestive, Excretory Systems, Metabolism and Animal Heat. Lectures and recitation two hours. Laboratory 6 hours.

Winter, PROFESSOR TURNER AND ASSISTANT.

Biology 9. *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.

Autumn, PROFESSOR JUST.

Biology 10. *General Zoology.* A continuation of Biology 9. No credit will be given for Biology 9 until Biology 10 is completed.

Winter, PROFESSOR JUST.

Biology 11. *Animal Histology.* A course in histology and histological methods. Prerequisite: Biology 9 and 10.

Autumn, PROFESSOR JUST.

Biology 12. *Vertebrate Embryology.* A study of the embryology of vertebrates with special reference to the development of the chick. No credit will be given for Biology 11 until Biology 12 is completed.

Spring, PROFESSOR JUST.

Biology 13. *Vertebrate Zoology.* A study of vertebrate structure, with special attention to physiology. Prerequisite Zoology 9 and 10.

Winter, PROFESSOR JUST.

CHEMISTRY

Professor Scurlock, Assistant Professor Adams and Mr. Marshall

Attention is called to the following courses in Chemistry offered also in Thirkield Hall, for Dental and Pharmaceutical students:

Chemistry 1. *General Inorganic.* Three hours of lectures, recitations and quizzes, and two laboratory periods of three hours each a week.

Autumn and Winter, MR. MARSHALL.

Chemistry 2. *Elementary Qualitative Analysis.* Two hours of lectures, recitations and quizzes and two laboratory periods of three hours each a week.

Winter and Spring, MR. MARSHALL.

Note: Premedical students are required to take Chemistry 1 in the Autumn Quarter and Chemistry 2 in the Winter Quarter.

Chemistry 3. *Qualitative Analysis.* Two hours of classroom work and two three-hour laboratory periods a week. Prerequisite: Chemistry 1 and 2.

Autumn, PROFESSOR SCURLOCK.

Chemistry 4. *Quantitative Analysis.* A continuation of Chemistry 3. No credit will be given for Chemistry 4 until Chemistry 3 is completed. Two hours of classroom work and two three-hour laboratory periods a week.

Winter, PROFESSOR SCURLOCK.

Chemistry 5. *Organic Chemistry*. Two hours of classroom work and two three-hour laboratory periods a week. Prerequisite: Chemistry 1 and 2.

Autumn, ASSISTANT PROFESSOR ADAMS.

Chemistry 6. *Organic Chemistry*. A continuation of Chemistry 5. No credit will be given for Chemistry 6 until Chemistry 5 is completed. Prerequisite: Same as for Chemistry 5. Two hours of classroom work and two three-hour laboratory periods a week.

Winter, ASSISTANT PROFESSOR ADAMS.

Chemistry 7. *General Chemistry*. Elementary Quantitative Analysis and Elementary Organic Chemistry. Two hours of lectures or recitations and four of laboratory. Open to Dental and Pharmaceutical students but by special permission may be taken by students in the Junior College.

Autumn, PROFESSOR SCURLOCK.

Chemistry 8. *General Chemistry*. A continuation of Chemistry 11. Credit will not be given for Chemistry 12 until Chemistry 11 is completed.

Autumn, PROFESSOR SCURLOCK.

Chemistry 9. *Organic Chemistry*. A double course primarily intended for pre-medical students but may be taken by other students by permission of the department. This course is equivalent to two quarter courses.

Autumn and Winter, ASSISTANT PROFESSOR ADAMS.

Chemistry A. *General Chemistry*. Two hours of lectures or recitations and four hours of laboratory work a week. This course is open to Dental and Pharmaceutical students but by special permission of the Department may be taken by students in the Junior College.

Autumn, PROFESSOR SCURLOCK.

Chemistry B. *General Chemistry*. A continuation of Chemistry A. Credit will not be given for Chemistry B until Chemistry A is completed.

Winter, PROFESSOR SCURLOCK.

ECONOMICS

Professor Parks, Mr. Hines and Mr. Curley

Economics 1. *The Principles of Economics.* A general survey of the fundamental laws of economics with practical application to life. A prerequisite for all other courses in economics.

Autumn and Winter, PROFESSOR PARKS.

Economics 2. *The Principles of Economics.* A continuation of Economics 1. No credit will be given for Economics 1 until Economics 2 is completed. These courses are prerequisite to all others in Economics.

Winter and Spring, PROFESSOR PARKS.

Economics 3. *Money and Banking.* The history, theory and practice of banking and currency. Attention will be given to money and prices, crises, investments, foreign exchange, and the Federal Reserve system. Omitted, 1919-1920.

Autumn, MR. HINES.

Economics 4. *Public Finance.* A study of the principles of local, state and national revenue, expenditures, indebtedness and financial organization.

Winter, MR. CURLEY.

Economics 5. *Commerce and Transportation.* This course will include domestic and foreign trade, the marketing of products, manufacture and minerals, methods of buying and selling, trade operations and public regulations. Omitted, 1919-1920.

Spring, MR. CURLEY.

Economics 6. *Statistics.* This course will include the study of general methods of statistical investigation and application to problems in economics, sociology and biology. Students will be expected to understand sources of data, the preparation of schedules, analysis of returns, averages, index numbers, frequency tables, graphic methods and limitations of statistics. Omitted 1919-1920.

Economics 7. *Principles of Accounting.* The aim here is to bring out the principles and procedure of accounting by studying such phases of the work of business establishments as valuation of assets, good will, depreciation, sinking funds, surplus and reserves, profit and loss.

Autumn, MR. CURLEY.

ENGLISH

*Professor Houston, Assistant Professor Gregory,
Assistant Professor Johnson, Mr. Pollard,
and Mr. Turner.*

The instruction offered by the Department of English is designed to give students adequate acquaintance with the origin and development of the English language and literature, and proficiency in writing and speaking English. Courses are classified as *Composition, Literature, and Public Speaking*. A study of literature forms an essential part of all courses in composition and public speaking, and practice in composition form a part of all courses in literature and public speaking.

English 1. *Composition.* This course is prescribed for Freshmen. It is designed to give a drill in correct and intelligible English and practice in Exposition and Argumentation.

**Autumn, ASST. PROFESSOR JOHNSON, MR. POLLARD, AND MR. TURNER;
Winter, MR. POLLARD AND MR. TURNER.**

Spring, ASSISTANT PROFESSOR JOHNSON AND MR. POLLARD.

English 2. *Composition.* This course is prescribed for Freshmen who have passed in English 1. It continues the drill in correct and intelligible English, and gives practice in Description and Narration.

**Winter, PROFESSOR HOUSTON;
Spring, MR. POLLARD AND MR. TURNER.**

English 3. *Advanced Composition.* This course is prescribed for students whose average in English 1 and 2 is not sufficiently high to exempt them from further work in composition. It is, however, open to all students who have been relieved of prescription in English. An intensive study is made of Exposition, including definition, process, biography, and criticism; and also of Argumentation, including practice in brief-drawing.

Autumn, PROFESSOR HOUSTON AND POLLARD.

English 4. *Advanced Composition.* This course is intended primarily for students who have passed in English 3. It is, however, open to all students who have been relieved of prescription in En-

lish. An intensive study is made of artistic and scientific Description, and of instrumental and aesthetic Narration, stressing the short-story.

Winter, PROFESSOR HOUSTON.

Spring, MR. POLLARD.

English 5. *English Literature*. This course is open to students who have passed in English 1 and 2. It covers the history of English Literature, in outline, from the earliest times to the seventeenth century. Stress is laid upon masterpieces of prose and poetry, with collateral reading. The course is intended to be extensive rather than intensive.

Autumn, ASSISTANT PROFESSOR JOHNSON.

English 6. *English Literature*. This course is supplementary to English 5. It covers the history of English Literature, in outline, from the seventeenth century to the present day. It is conducted in the same manner as English 5.

Winter, ASSISTANT PROFESSOR JOHNSON.

English 7. *American Literature*. This course is open to students who have passed in English 1 and 2. It covers the history of American Literature, in outline, from the earliest times to 1783. Stress is laid upon masterpieces of prose and poetry, with collateral reading. The course is intended to be extensive rather than intensive.

Autumn, MR. TURNER.

English 8. *American Literature*. This course is supplementary to English 7. It covers the history of American Literature, in outline, from 1783 to the present day. It is conducted in the same manner as English 7.

Spring, MR. TURNER.

(English 7 and 8 alternate with English 9 and 10; 7 and 8 will be omitted in 1919-1920).

English 9. *The English Novel*. This course is open to students who have passed in English 5 and 6 or 7 and 8. It traces the history of English Fiction from the Arthurian Romance to the eighteenth century. Attention is given to the chief international influences during this period.

Autumn, MR. TURNER.

English 10. *The English Novel*. This course is supplementary to English 9. It traces the history of English Fiction from the eighteenth century to the present day. It is conducted in the same manner as English 9.

Spring, MR. TURNER.

(English 9 and 10 alternate with English 7 and 8; 9 and 10 will be given in 1919-1920).

English 11. *Public Speaking*. This course is prescribed for Freshmen. It stresses the elementary principles of voice culture. It meets once a week and at the pleasure of the instructor. Public rhetorical form a part of the work of this course.

Autumn and Winter, ASSISTANT PROFESSOR GREGORY.

English 12. *Public Speaking*. This course is prescribed for Freshmen who have passed in English 11. It stresses platform practices in public speaking. It meets once a week and at the pleasure of the instructor.

Winter and Spring, ASSISTANT PROFESSOR GREGORY.

English 13. *Public Speaking*. This course is designed especially for Sophomores. The purpose is to study carefully the forms of public address; to provide practice in persuasion; and to emphasize the importance of style in public speaking.

Autumn, ASSISTANT PROFESSOR GREGORY.

English 14. *Public Speaking*. This course is supplementary to English 13. Stress is laid upon brief-drawing, manuscript-writing, and the delivery of original speeches.

Spring, ASSISTANT PROFESSOR GREGORY.

GEOLOGY

Professor Schuh

Geology 1. *General 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. Attention is given to economic Geology, and about 3,000 specimens of fossils and minerals are available for the use of students. It is advisable that Biology 1 and Biology 9 and 10 precede this course.

Spring.

GERMAN

Professor Davis and Mr. Waring

German 1. *Elements of German Grammar.* Practice in reading and writing German. Required of those who do not offer German for admission. Not open to students who have received admission credit in German to the extent of two units.

Autumn, Winter and Spring, PROFESSOR DAVIS AND MR. WARING.

German 2. *Elements of German Grammar.* A continuation of German 1. Credit for German 1 will be given when German 2 is completed.

Autumn, Winter and Spring, MR. WARING.

German 3. *Intermediate German.* Prose and poetry. Practice in reading and writing German. The prose works of recent authors and one or more dramas from Goethe, Schiller or Lessing will be read. Not open to students who have received credit for more than two admission units in German.

Autumn, Winter and Spring, PROFESSOR DAVIS AND MR. WARING.

German 4. *Intermediate German.* A continuation of German 3. Credit will not be given for German 3 until German 4 is completed.

Autumn, Winter and Spring, MR. WARING.

German 5. *Scientific Prose.* Intended mainly for pre-medical students and others specializing in the sciences. Readings from works on physics, chemistry, biology, and economics.

Winter, MR. WARING.

German 6. *Prose and Poetry.* Readings from standard authors. One classic drama. Exercises in composition.

Spring, MR. WARING.

GREEK

Professor Davis

Greek 1. *Elementary Greek*. Elements of Greek grammar with much written work.

Autumn.

Greek 2. *Elementary Greek*. A continuation of Greek grammar and the reading of the earlier books of Xenophon's *Anabasis* or *Cyropaedia*. Sight reading.

Winter.

Greek 3. *Xenophon*. The later books of the *Anabasis* or the *Cyropaedia*, with prose composition and sight reading.

Autumn and Spring.

Greek 4. *Homer's Iliad*. The reading of six books, with a study of the Homeric Question, the Civilization of the Heroic Age, and the influence of the Homeric Poems. Scansion.

Winter.

Greek 5. Plato's *Apology* and *Crito* and Xenophon's *Memorabilia*, with a study of Socrates.

Spring.

HISTORY

*Professors Tunnell and Woodson, Associate Professor Dyson
and Mr. Wesley*

The courses offered by the Department of History are arranged to meet the needs of (a) those intending to specialize in History, (b) general college students, and (c) those specializing in other departments of the University.

As far as possible, students are advised to select their history courses according to logical sequence. Courses in European or English History should be pursued before courses in American History, and courses in Political History should precede those in Social, Economic, and Constitutional History.

History 1. *Civilization of the near East and Greece*. This course is a survey of the culture developed in the ancient countries of Asia

and Europe, with a view of inculcating an appreciation of the civilization of the whole Mediterranean world. This course is primarily designed for students who by their study of ancient history in secondary schools have been led to consider further the contributions of the ancient world. At the same time it will be possible for others who have never pursued courses in this field to profit thereby, should they do sufficient collateral reading to keep abreast with the course.

Autumn, ASSOCIATE PROFESSOR DYSON.

History 2. *The Roman Civilization.* Attention will be directed to the social, economic and political forces effective in the making of the Roman civilization. Students who do not know the leading facts of Roman History will be expected to familiarize themselves therewith before taking this course.

Winter, ASSOCIATE PROFESSOR DYSON.

History 3. *Mediaeval Europe.* This course embraces the development of Europe from the barbarian invasions to the close of the fifteenth century; the study of mediaeval civilization and a survey of the economic, social, and political institutions.

Autumn, MR. WESLEY.

History 4. *Modern Europe.* The Modern development of the European nations from the fifteenth century to the present day. Especial attention will be given to the period since 1870, the colonial expansion and imperialistic aims of Modern European states.

Winter, MR. WESLEY.

History 6. *History of England to Henry VII.* The aim of this course is to concentrate attention upon the growth of Anglo-Saxon institutions and to trace the varied phases and influences upon the fusion of the races, the blending of the tongues and the modifications of life, customs, and laws of the people, the winning of the important charters and the beginnings of parliament.

Autumn, PROFESSOR TUNNELL.

History 7. *The History of England since Henry VII.* Emphasis is placed on the development of parliamentary government, the struggles against despotism, the growing power 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 will also be duly emphasized. Winter, PROFESSOR TUNNELL.

History 11. *The History of the United States. (1606-1789).* This course covers the history of the institutions, and the economic and social life of the English colonies. It includes also a study of the efforts of the Spanish and French to extend their territory in North America. The revolutionary movement and the formation of the United States will be emphasized.

Autumn, Winter and Spring, PROFESSOR WOODSON.

History 12. *The History of the United States from 1789 to 1850.* This course will deal with foreign complications, national development, the differing interests of the North and South, westward migration, the tariff, and the United States Bank. Slavery and abolition, however, will constitute the significant topics of this course. A thesis is required.

Autumn, Winter and Spring, PROFESSOR WOODSON.

History 13. *The History of the United States from 1850 to 1877.* This course will begin with a more intensive study of the conflicting interests of the North and South than what is expected of the student pursuing History 12. Attention will be given to the compromise measures intended to prevent the impending conflict and to the Civil War. The Reconstruction period as it affected the whole country and especially the Negro will be carefully studied. A thesis is required.

Winter and Spring, PROFESSOR WOODSON.

History 14. *The History of the United States from 1877 to the present time.* The course will deal with the return of the Southern whites to power, the revival of the Democratic party, and the increasing tendency toward racial conflict. The Spanish-American War, the Panama Canal, our colonial expansion, Asiatic complication and interference in the World War will also receive attention. A thesis is required.

Autumn and Spring, PROFESSOR TUNNELL.

LATIN

Professor Lightfoot

Latin 1. *Cicero.* Seven orations will be read and some time will be devoted to prose composition. Autumn.

Latin 2. *Vergil. Books I to VI.* Latin 1 and 2 count as two units except in cases of those who are conditioned in entrance Latin, and

are open to students who have entered college with only two years of preparation in Latin. Winter.

Latin 3. Cicero, *De Senectute and De Amicitia*. 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. Some time will be devoted to prose composition. Autumn.

Latin 4. Livy. A continuation of the study of Roman prose style by reading Burton's *Selections from Livy*. Students will be required to do collateral reading and sight work. McKail's *Latin Literature* will be used in connection with the work in Cicero and Livy. Winter.

Latin 5. Horace. The work 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. Autumn.

Latin 6. Tacitus. The work in Tacitus will include the reading of the *Agricola* and *Germania* and a study of the Imperial period of Roman history. Spring.

MATHEMATICS

Associate Professor Bauduit, Professor Syphax, and Associate Professor Brown.

Mathematics 1. Algebra. A treatment of the quadratic equation and other topics of the third semester of algebra of the secondary school, including logarithms. Intended for students presenting one unit of algebra for entrance. Prerequisite to all courses except Course 3. Autumn, Winter and Spring, ASSOCIATE PROFESSOR BROWN.

Mathematics 2. Plane Trigonometry. The trigonometric functions and their graphical representation, trigonometric analysis, solution of the right and the oblique triangle, etc., with numerous problems. Autumn, Winter and Spring, ASSOCIATE PROFESSOR BROWN.

PROFESSOR SYPHAX.

Mathematics 3. *Solid Geometry.* Lines and planes in space, the polyhedron, cylinder, cone, and sphere. The course will be based upon a list of selected theorems, with emphasis upon original propositions and numerical exercises.

Spring, ASSOCIATE PROFESSOR BROWN.

Mathematics 4. *Algebra, Trigonometry, and Solid Geometry.* Intended for engineering students. Three consecutive quarters.

Autumn, Winter and Spring, ASSOCIATE PROFESSOR BAUDUIT.

Mathematics 5. *College Algebra.* Complex numbers, determinants, theory of equations etc. Open to students who have taken course 1, or who present by examination one and one-half units in algebra.

Spring, PROFESSOR SYPHAX.

Mathematics 6. *Analytic Geometry.* Elements of plane analytics, including the geometry of the conic sections. Prerequisites: Courses 1 and 2.

Spring, PROFESSOR SYPHAX.

Mathematics 7. *Spherical Trigonometry.* Solution of the right and the oblique spherical triangle, with applications to geography and astronomy. Prerequisite: course 2.

Autumn, Mr. _____.

Mathematics 8. *Astronomy.* A descriptive course, dealing with the fundamental facts, principles, and methods of astronomy.

Spring, Mr. _____.

Mathematics 9. *Analytic Geometry and Calculus.* The elements of plane analytics, with an introduction to solid analytics. The fundamental principles of the differential and integral calculus. Intended for engineering students. May be taken as a Senior elective.

Autumn, ASSOCIATE PROFESSOR BAUDUIT.

Mathematics 10. *Analytic Geometry and Calculus.* A continuation of Mathematics 9.

Winter, ASSOCIATE PROFESSOR BAUDUIT.

Mathematics 11. *Analytic Geometry and Calculus.* A continuation of Mathematics 10. No credit will be given for Mathematics 9, 10 or 11 until all three have been completed.

Spring, ASSOCIATE PROFESSOR BAUDUIT.

Mathematics 12. *Elementary Surveying.* Instruction is given in the theory of surveying, and in the theory, 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. Prerequisite: Course 2.

Mr. _____.

Mathematics 13. *Advanced Surveying.* City, topographic, 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. Prerequisite; Course 2, 6, and 12.

Spring, Mr. _____.

PHILOSOPHY

Assistant Professor Locke

Philosophy 1. *Introduction to Philosophy.* The method pursued in this course is to study the history of philosophy and of the most important philosophers in brief outline, thus become acquainted with philosophical problems, first in their simpler forms and with their more naive answers, and so prepare the way for the more complex problems and more profound solutions. The method in the course is that of lecture and discussion, on the basis of a syllabus furnished, and outside study of texts and reference books. This course is the same as *Introduction to Philosophy* offered in the School of Religion.

Autumn.

Philosophy 2. *Ethics.* In this course the nature of the moral life is investigated and the growth and development of moral ideals and character are traced from instinctive and primitive forms of conduct to the forms known today. The highest principles of conduct and the highest good are sought and forms of individual and institutional life are criticized in their light. This is the same course in Ethics as offered in the School of Religion. Prerequisite; Philosophy 1.

Winter.

Philosophy 3. *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.

Autumn and Spring.

PHYSICS

Professor William Coleman and Mr. Webster

These courses are intended to furnish students a thorough foundation in Physics as required today as one of the essentials of a liberal education, and at the same time prepare students for further study in Physics, Engineering, and in the prerequisites for the study of Medicine. To pass successfully courses, students must show an interest in the subject, possess a certain degree of mechanical ability and be able to put apparatus together as may be required for making experiments. Courses 1 and 2 are Junior College subjects. Other courses are Senior College subjects. Students desiring to enroll in Senior College courses must satisfy the instructor of their fitness to pursue with profit the work of the course. Students enrolling in Junior College subjects must have a knowledge of trigonometry.

Physics 1. *General College Physics.* Mechanics, Sound and Heat constitute this course planned with reference to needs of the general student. As far as necessary lectures will be accompanied by classroom experiments. Four recitations or lectures of one hour each a week and one two-hour laboratory period a week during the quarter.

Autumn and Spring, PROFESSOR COLEMAN.

Physics 2. *General College Physics.* Electricity and Magnetism and Light given as a continuation of Physics 1. Four recitations or lectures of one hour each a week and one two-hour laboratory period a week during the quarter.

Winter, PROFESSOR COLEMAN.

POLITICAL SCIENCE AND GOVERNMENT

Professor Tunnell

Political Science 1. *The Principles of Political Science.* A study of the origin, history, nature, organization and vital forces of the state and the organization, province and function of government as exhibited in the Roman law and the laws and political institutions of mediaeval Europe followed by a study of modern states and their governments and especially the government of the United States.

Spring.

PSYCHOLOGY

Professor Harvey

Psychology 1. *Introductory Psychology.* This is a course in general psychology consisting of a careful study of sensations, images, attention, perception, association, memory, imagination, affections, and thought, together with a careful examination of the physical basis of mental states.

Autumn and Winter.

Psychology 2. *Experimental Psychology.* This course is offered to give the student through the use of the laboratory a first hand knowledge of the subject. To this end experiments in psychology and psychophysics will be performed by the students under the guidance of the instructor. Prerequisite: Introductory Psychology. Open also to students of the Senior Schools.

Spring.

Psychology 3. *Abnormal Psychology.* This course will give consideration to the unusual and pathological aspects of consciousness. It will include the study of the mentally defective, the study of dreams, suggestion, hypnotism, mediumistic states, and the whole field of the occult, ancient and modern. Its aim will be to understand better the causes and best treatment for mental defects, and to cultivate a sane and scientific attitude toward unusual psychical manifestations. Alternating with Psychology 2 in successive years. Open also to students of the Senior Schools.

Spring.

HOWARD UNIVERSITY

ROMANCE LANGUAGES

FRENCH

Mr. Guillot and Mr. Lochar

French 1. *Elementary French.* This course consists in laying a foundation as a preparation for advanced work. It deals largely with the essentials of grammar and the reading of simple texts. Some time will be devoted to composition and conversation based on the simple works read. A prerequisite to all other courses in Romance languages.

Autumn and Winter, MR. GUILLOT.

French 2. *Elementary French.* This course is French 1 continued. Credit will not be given for this course until French 1 is completed.

Autumn and Winter, MR. GUILLOT.

French 3. *Intermediate French.* A course continuing the work of French 1 and 2 more intensively and taking up a number of standard authors and making more use of the spoken language. Prerequisite French 1 or two years of preparatory French. Not open to students who have received admission credit for more than two units of French.

Autumn, Winter and Spring, MR. GUILLOT.

French 4. *Intermediate French.* A continuation of French 3. No credit will be given for French 3 until French 4 is completed.

Autumn and Winter, MR. GUILLOT.

French 5. *Advanced French.* Primarily for students who are seeking a liberal education or specializing with a view to teaching 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. During the first semester the class will read Racine, Daudet, Coppee, Hugo, Balzac, Mérimée, and Maupassant. During the second semester attention will be given to Lamartine, Rousseau, Alfred de Vigny, Alfred de Musset, Flaubert, Zola and Anatole France. This course is conducted largely in French. Open also to Seniors. Prerequisite: French 1, 3, and 4.

Autumn, MR. LOCHARD.

French 6. *Advanced French.* A continuation of French 5. Credit will not ordinarily be given for French 6 until French 5 is completed. Students must consult the instructor. Open also to seniors.
Winter, MR. LOCHARD.

ITALIAN

Professor E. C. Williams

Italian 1. *Elementary Italian.* A study of grammar and composition based on reading. Not to be taken in the same quarter as Spanish 1. Prerequisites: 4 units of French or 2 units each of French and Spanish. Required of all voice students in the School of Music.

Autumn.

Italian 2. *Literature.* A study of literary movements as illustrated by the writings of representative authors with special emphasis on those of the nineteenth century. Prerequisites: Italian 1, and its prerequisites. Required of all voice students in the School of Music.

Winter.

Italian 3. *Dante.* The class will read *La Vita Nuova*, and portions of *La Divina Commedia*. Prerequisites: 6 units of French and 2 units of Italian; or 4 units of French, 2 units of Spanish and 2 units of Italian.

Spring.

SPANISH

Miss Cook

Spanish 1. *Elementary Spanish.* Grammar and reading with emphasis on dictation and conversation. Several simple works will be read. During the second semester more time will be devoted to the difficulties of Spanish grammar and composition.

Autumn, Winter and Spring.

Spanish 2. *Commercial Spanish.* Students will be required to read newspapers, magazines and books dealing with business transactions and must daily make use of business forms used in the commercial world.

Winter and Spring.

Spanish 3. *Spanish Novels and Dramas.* The reading of a few works from modern Spanish writers so as to determine the present tendencies in Spanish literature and compare it with that of other countries.
Winter and Spring.

Spanish 4. *Literature.* A brief survey of Spanish Literature beginning with the earliest period and ending with the present day. Attention will be directed largely to the works of such writers as Lope de Vega, Calderón, Cervantes, Valdés, Alarcón, and Moratin.
Spring.

SOCIOLOGY

Professor Miller

All courses in Sociology are open to Juniors and Seniors and are conducted through text books, readings, lectures, and research.

Sociology 1. *Principles of Sociology.* A study of the nature, origin and development of Human Association with a view to discovering the law of social progress. This course is a general one and is intended to make a survey of the field and lay the basis for the special courses.
Autumn.

Sociology 2. *Practical Sociology.* Social progress as exhibited by the development of the orders of society in modern countries with an extensive treatment of poverty, immigration, social welfare, and Americanization.
Winter.

Sociology 3. *Labor Problems.* A general survey of the factory, and capitalistic system of production, the grievances of labor, proposed solutions of their problems, trades unions, cooperation, socialism, profit-sharing, scientific management, strikes, government interference, and general unrest. Open to Seniors and Graduates.
Winter.

Sociology 4. *Race Problems.* Growth, distribution and tendency of Negro population, segregation, occupation, crime, vital statistics, marriage, and divorce. The Negro in the North, in the South, and in the rural districts. This course will cover the progress of the Negro as to home ownership, education, religion, and business. It deals also with the literature point of view bearing on the race question.
Autumn.

THE SCHOOL OF LIBERAL ARTS

Carter Godwin Woodson, Dean; Professor of History

The School of Liberal Arts comprises one of the constituent parts of the third and fourth year college group. On completing at least eighteen units in the Junior College or the equivalent in some other accredited institution, students continuing their work at Howard University largely in cultural fields become automatically members of the School of Liberal Arts. This school is established not only to provide facilities for instruction for students primarily interested in obtaining a liberal education but for those who desire to do more than two years of collegiate work before pursuing courses leading to the professions.

The school of Liberal Arts offers the academic degrees: Bachelor of Arts and Bachelor of Science. The total requirements for work in recitations, lectures and laboratory exercises are three units a quarter and thirty-six for the whole course, eighteen of which must be completed in the Junior College or in some accredited institution. This does not mean that a student may not do more than eighteen units in some accredited institution and still obtain a degree at Howard University. Such a student, however, may not do elsewhere more than twenty-seven units, since the minimum requirement for work in residence for any degree is nine units.

While the School of Liberal Arts is mainly concerned with the promotion of studies intended to broaden one's vision and to develop generally the powers of the mind, students will not be permitted to choose their courses at random. On entering the School of Liberal Arts, every student must choose the field in which he desires to do most of his work and his courses must be selected in groups of correlated subjects and must be pursued according to their logical sequence.

Candidates for the degree of Bachelor of Arts offering the maximum admission credits in Latin and Greek are required to take six units in these languages; those offering for entrance two or

three admission units will be required to take eleven units in these fields; and those offering less than two admission units of languages will have to remove the deficiency by doing extra work in the Junior College. The study of a foreign language one quarter only will not be credited as meeting this language requirement although such work may count as a credit for graduation.

All candidates are required to do two of the following: three units of science chosen from biology, chemistry, physics or geology; two units of mathematics; or two in history.

The work required for the degree of Bachelor of Arts shall include nine units of coherent studies in Group I and six units in another group of closely related studies, but there shall not be taken in any one group more than fourteen units. Secondary work for which college credit is given shall not count as a part of these fourteen units. Candidates for the degree of Bachelor of Science must meet the same requirements except that nine units of their work must be taken in Group II and six units in some other group.

Professional courses in Law, Medicine, and Theology will be accepted for credit toward the Bachelor's degree provided that the work in professional schools consist of correlated courses and constitute not less than four units nor more than nine. This provision enables students expecting to pursue professional courses to obtain both the degree of Bachelor of Arts and their professional degree in one year less than the time required by both schools, provided they comply with the requirements of the School of Liberal Arts at the time of the expiration of their third year in college.

Courses in the professional schools may be elected only by students who complete eighteen units at the University before receiving the Bachelor's degree. Students from other schools who enter with credit for eighteen units may not elect professional courses. Before registering for a course in the professional school, students should consult the head of the professional school concerned and the Dean of the School of Liberal Arts.

Candidates desiring to complete the requirements for the degree of Bachelor of Arts in less than four years may do so by taking extra courses. Permission to do additional work, however, will

be given only to students whose ratings in the Junior College are considered highly satisfactory. Students from other institutions will not generally be permitted to undertake thus to meet the requirements for graduation, as nine units, the minimum number of credits of University work required for any degree, cannot be secured in less than a year.

DESCRIPTION OF COURSES

BIOLOGY

Professor Just

Biology 27. Cytology. The Biology of the Cell. The physical chemistry, morphology, and physiology of the cell, with special reference to development and inheritance. Prerequisite: At least two courses in zoology. A knowledge of physics and chemistry is desirable.

Winter.

Biology 28. Cytology. A continuation of Biology 27. No credit will be given for Biology 28 until Biology 27 is completed.

Spring.

CHEMISTRY

Professor Scurlock

Chemistry 27. Physical Chemistry. A course of lectures and recitations taking up the theories of physical chemistry. Students will be required to do laboratory work. Attention will be given to the general properties of matters in gaseous, liquid and solid states and solutions. Electrochemistry, thermochemistry, photochemistry, and chemical dynamics will be the general topics on which the lectures will be based. Omitted in 1919-1920.

Spring, PROFESSOR SCURLOCK.

ECONOMICS

Economics 25. Economic Problems. The aim of this course is to prosecute more intensively topics already generally treated in other courses. Open to Seniors and Graduates. Omitted 1919-1920.

Economics 26. *Economic History.* An effort to bring out the economic forces influencing the industrial development of the modern world. The course begins with the middle of the eighteenth century and includes the study of the industrial revolution, agrarian changes, the factory system, labor legislation, transportation, free trade, tariff, the influence of wars, and other forces of industrial organization. The course will first deal with the economic development of Europe and then that of the United States. Open to Seniors and Graduates.

Spring, PROFESSOR WOODSON.

ENGLISH

Professor Houston, Assistant Professors Gregory and Johnson and Mr. Turner

25. *Argumentation.* This course is open to students who have passed in English 1 and 2 and in two additional courses in English. It is designed to train students in logical and systematic methods of thought. It emphasizes the framing of propositions, the study of evidence, and other essentials of Argumentation.

Autumn, ASSISTANT PROFESSOR GREGORY.

26. *Debating.* This course is open to students who have passed in English 25. It is designed to give students intensive training in debating. Students ambitious to represent the University in inter-collegiate debates are especially advised to elect English 25 and 26.

Winter, ASSISTANT PROFESSOR GREGORY.

27. *Essay-Writing.* This course is designed for students who already write well, but desire further training in essay-writing. An intensive study is made of the structure and style of the Familiar Essay, and practice is given in writing essays on familiar subjects.

Autumn, PROFESSOR HOUSTON.

28. *Essay-Writing.* This course is supplementary to English 27. An intensive study is made of the Critical Essay, and practice is given in writing literary criticisms. A part of the time is given

to the analytic study of the English Critical Essay from the eighteenth century to the present day.

Spring, PROFESSOR HOUSTON.

29. *The English Drama.* This course is open to Juniors and Seniors who have passed in English 5 and 6 or 7 and 8. It traces the history of the English Drama from its origin to Shakespeare. A large number of pre-Shakespearian plays are read.

Winter, PROFESSOR HOUSTON.

30. *The English Drama.* This course is intended primarily for students who have passed in English 29, but may be selected by students who have passed in English 5 and 6 or 7 and 8. It traces the history of the English Drama from Shakespeare to 1642. Most of Shakespeare's plays are read.

Spring, PROFESSOR HOUSTON.

English 29 and 30 alternate with English 31 and 32; 29 and 30 will be given in 1919-1920.

31. *The English Drama.* This course is intended primarily for students who have passed in English 29 and 30. It traces the history of the English Drama from 1642 to the nineteenth century, stressing the Restoration Drama and the Ethical Drama of the eighteenth century.

Winter, MR. TURNER.

32. *The English Drama.* This course is supplementary to English 31. It traces the history of the English Drama from the nineteenth century to the present day, stressing the most significant plays of the last twenty-five years.

Spring, MR. TURNER.

English 31 and 32 alternate with English 29 and 30; 31 and 32 will not be given in 1919-1920.

33. *Shakespeare.* This course is open to Juniors and Seniors who wish to make an intensive study of Shakespeare's three plays, *Macbeth*, *The Merchant of Venice*, and *Hamlet*.

Autumn, PROFESSOR HOUSTON.

34. *Shakespeare.* This course is supplementary to English 33. A critical study is made of *Henry V*, *Julius Caesar*, and *Othello*.

Winter, PROFESSOR HOUSTON.

English 35 and 34 alternate with English 35 and 36; 33 and 34 will be given in 1919-1920.

35. *Chaucer*. This course is open to Juniors and Seniors who wish to make an intensive study of Chaucer's *Canterbury Tales*. A critical study is made of most of the tales. Attention is given to grammar, pronunciation, and metre.

Autumn, PROFESSOR HOUSTON.

36. *Chaucer*. This course is supplementary to English 35. A critical study is made of *Troilus and Criseyde*, the *House of Fame*, and the *Legend of Good Women*. Attention is given to grammar, punctuation, and metre.

Winter, PROFESSOR HOUSTON.

English 35 and 36 alternate with English 33 and 34; 35 and 36 will not be given in 1919-1920.

37. *Victorian Literature*. This course is intended for students who wish to broaden their culture by an intensive study of Victorian Literature. An extraordinarily large amount of reading is required.

Winter, ASSISTANT PROFESSOR JOHNSON.

38. *Contemporary English Literature*. This course is intended to supplement English 37, making an intensive study of English and American Literature since 1890.

Spring, ASSISTANT PROFESSOR JOHNSON.

39. *Romanticism*. This course is open to Juniors and Seniors who wish to make an intensive study of the Romantic poets of the eighteenth century.

Winter, ASSISTANT PROFESSOR JOHNSON.

40. *Romanticism*. This course is supplementary to English 39. It makes an intensive study of the Romantic poets of the nineteenth century.

Spring, ASSISTANT PROFESSOR JOHNSON.

41. *Anglo-Saxon Prose*. This course is designed for students planning to pursue graduate work in English. Attention is given to the reading of prose, grammar, and pronunciation.

Winter, PROFESSOR HOUSTON.

42. *Anglo-Saxon Poetry*. This course is supplementary to English 41, and is open only to students who have passed in English 41. Attention is given to the reading of poetry and metre.

Spring, PROFESSOR HOUSTON.

English 41 and 42 will not be given in 1919-1920.

GERMAN

Professor Williams, Professor Davis, and Mr. Waring.

German 25. *Conversation and Advanced Composition*. The oral German discussions will be based upon current newspapers and magazines. Short, semi-weekly themes (freie Reproduktion) will be required. The course includes a study of synonyms and word formation. Prerequisite: German 1, 2, 3, and 4.

Autumn, PROFESSOR DAVIS.

German 26. *Life and Works of Goethe*. This course contemplates a general survey of the poet's work and influence, as seen in the following: *Dichtung und Wahrheit, Werther, Die Gedichte, Goetz von Berlichingen, Egmont, Tasso, Faust, Iphigenie*, and other works. Prerequisite: German 1, 2, 3, and 4.

Spring, PROFESSOR WILLIAMS.

German 27. *Life and Works of Schiller*. This course contemplates a general survey of the poet's work and influence, as seen in the following: *Der Dreissigjaehrige Krieg, Wallenstein, Die Jungfrau von Orleans, Die Braut von Messina, Die Gedichte, Maria Stuart*, and other works. Prerequisite, German 1, 2, 3, and 4.

Autumn, PROFESSOR WILLIAMS.

German 28. *German Literature*. A hasty survey from the time of the earliest writers to the classical period. Literature illustrative of the period and reflecting the development of German civilization will be studied. Prerequisite: German 1, 2, 3, and 4.

Autumn, MR. WARING.

German 29. *German Literature*. A study of the classical period from Lessing into the nineteenth century. The aim will be to discover the trend in German literature, the forces influencing its development, and to estimate Lessing's contributions to culture. This course

will be conducted mainly in German. Prerequisite: German 1, 2, 3, and 4.
Winter, PROFESSOR DAVIS.

German 30. *German Literature*. A course in nineteenth century literature based on representative dramas and novels of Hoffman, Kleist, Koerner, Grillparzer, Hauff, Hebbel, Ludwig, Keller, Wildenbruch, Hauptmann, and Sudermann. A study of the chief literary movements of the period. Prerequisite: German 1, 2, 3, and 4.

Spring, PROFESSOR WILLIAMS.

German 31. *Journalistic German*. An extensive course in the reading of German newspapers and magazines. The aim is to offer the opportunity for acquiring the vocabulary of the newspaper world and to acquaint the student with the make-up, the management, and the function of the newspaper in Germany. Students will be required to make use of the German newspapers and magazines in the Howard University Library and in the Library of Congress. Frequent reports and conferences on what the students read will constitute an important part of this work. This course is the same as Journalism 9 in the School of Journalism.

Spring, MR. WARING

GREEK

Professor Davis

Greek 25. *Euripides' Medea*, and *Sophocles' Antigone*. This is a course introductory to the Attic Classical Drama.

Autumn.

Greek 26. *Demosthenes' De Corona*, with a collateral study of the Attic orators. Lectures upon the administration of justice in Athens will accompany the course.

Spring,

Greek 27. *Herodotus and Thucydides*. Selections will be read, with a study of Greek historians. (Omitted, 1919-1920.)

Greek 28. *Plato's Republic*. The work will be covered by rapid reading and lectures. The study will be mainly literary, but attention will be given to the political and philosophic content also.

Spring.

Greek 29. *Greek Life.* The course will be conducted by lectures and reports on assigned readings. No knowledge of the Greek Language is required. The study will center around private life, education, government and religion. This course counts as a general elective and may not be used as one of the courses in classics required for the A. B. degree. (Omitted 1919-1920.)

Greek 30. *Greek Literature.* The course will be conducted by lectures and reports on assigned readings. No knowledge of the Greek language is required. This course counts as a general elective and may not be used as one of the courses in classics required for the A. B. degree.

Winter.

HISTORY

Professor Tunnell and Woodson, Associate

Professor Dyson and Mr. Wesley.

History 25. *The Renaissance and Reformation.* This course deals with the Italian and later European Renaissance in their relations to Modern Europe and with the Reformation in the Christian Church and the rise of Protestantism. Prerequisite: History 1 and 2.

Autumn, MR. WESLEY.

History 26. *Constitutional History of England.* The development of the principles of representative government, the cabinet, and popular institutions. Stubbs' *Select Charters* will be used as a basis for the course. Stubbs' *Constitutional History of England* and Pollock and Maitland's *History of English Law* will be used for reference. Prerequisite: English History.

Winter, PROFESSOR TUNNELL.

History 27. *The Revolutionary Movement in Europe. (1740-1871).* This course is a study of the nascent social doctrine as it worked through the European mind from the beginning of the reign of Frederick the Great to the present time when the European nations emerged from the chaos enjoying self-government. While the work of outstanding characters like Frederick the Great and Napoleon will be adequately emphasized the course will

deal also with social and economic forces in the great tragedy of causes and results. A thesis is required. Winter, MR. WESLEY.

History 28. *Recent European History.* (1870-1919.) This course is a continuation of History 2. It comprises a survey of the growth of European states from the time of the Franco-German War through the World War, and a study of the constitutional and political history of these nations and their efforts at commercial expansion. The bearing of these movements on the development of international law will also be emphasized. A thesis is required.

Spring, MR. WESLEY.

History 29. *Latin America.* The aim of this course is to give a general acquaintance with the history and present condition of Central and South America. Attention will be given to the colonial period, the wars of independence, recent political history, economic resources, and trade relations.

Winter, ASSOCIATE PROFESSOR DYSON.

History 30. *The Negro in American History.* This course will aim to connect with the movements in our history such factors as slavery, abolition, colonization and the compromises leading up to the conflict of the North and South. It will also treat the status of the free Negro, the program of the Civil War, the drama of Reconstruction, efforts at racial adjustment and the struggle of the Negro for social justice. The course will be conducted by lectures, but students will be required to make investigations and write a thesis. Open only to Seniors and Graduates who have had History 6 and 7.

Autumn, PROFESSOR WOODSON.

History 31. *The Constitutional History of the United States.* This course undertakes to examine the political theories and principles underlying the institutions developed in the English colonies, and forms of government framed and adopted by the American people. It will constitute also an elementary study of constitutional law.

Winter, PROFESSOR WOODSON.

History 32. *The Constitutional History of the United States.* A continuation of History 31. No credit will be given in History 31 until History 32 is completed. The course will deal largely with the decisions of the United States Supreme Court to determine the

extent to which the constitution has been expanded by construction. The works for reference and study are *The Federalist*, *The Records of the Federal Convention*, and McLain's *Cases in Constitutional Law*. Open to all Seniors and Graduates who have taken History 11, 12 and 13. Recommended for those who desire to study law.

Spring, PROFESSOR WOODSON.

History 33. *Selected Topics in American History*. This is a course of research. It will meet at 4 P. M. on Tuesdays throughout the year. The first few weeks of the quarter will be devoted to lectures on historiography and historical method while students are making investigation in their chosen fields. Each student will be required to present to the class in the form of a report the results of his investigation which must be the nucleus of an elaborate thesis showing original treatment and independent research. Open to a limited number of Seniors and Graduates specializing in history. Omitted in 1919-1920.

PROFESSOR WOODSON.

History 34. *America as a World Power*. The emergence of the United States from continental isolation to leadership among the great powers of the world. Prerequisite: History 11, 12, 13, and 14.

Spring, PROFESSOR TUNNELL.

History 35. *Russia and the Far East*. This course covers modern Russia in its political and cultural aspects, and the institutions and history of China, Japan, and India with special reference to their intercourse with western nations.

Spring, MR. WESLEY.

History 36. *European Expansion in Africa*. This course deals with the colonial policy and the territorial expansion of the European states in Africa, and African civilization as affected by that of western nations.

Autumn, MR. WESLEY.

Attention is called to the following courses offered in the School of Religion by Professor E. A. Cook.

Religion 1. *History of Religion*. The religious ideas and institutions of such primitive peoples as those of India, Persia, Israel, Greece, Rome, and Islam will be studied. Students will read the

Sacred Books and report on them. Each student will be required also to write a thesis.

Church History 1. *The Early Church to 590 A. D.* The Founding of the Church, Apologists, Gnostic Controversies, the Early Schools of Theology, and the Ecumenical Councils.

The Middle Ages. The Rise of the Latin Church, the Eastern Church, Latin and Greek Theologies Compared, the Papacy and Empire, the Rise of Modern Nations, the Reforming Councils and the Theology of the Middle Ages.

Church History 2. *The Renaissance and the Reformation.* Early Reformers; the Revival of Learning, the Causes of the Reformation, Luther, Zwingli, and Calvin; the Spread of the Reformation; the Counter Reformation; Trent; the Theology of the Lutheran Reformed and English Churches.

Church History 3. *The Transition and Modern Eras.* The Evangelical Movement, the Philosophical Movement, Theological Tendencies in the Nineteenth Century and the American churches today.

LATIN

Professor Lightfoot.

Latin 25. *Plautus and Terence.* Roman Comedy will be studied during the winter quarter. 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. Omitted in 1919-1920.

Winter.

Latin 26. *Pliny and Tacitus.* The *Letters* of Pliny will be read. There will also be sight reading from the *Annals* of Tacitus, books XI and XVI, as well as a brief study of Latin Inscriptions based upon Egberts' *Inscriptions* and Allen's *Remnants of Early Latin*. Open to those who have taken Latin 1, 3, and 4. Omitted in 1919-1920.

Spring.

Latin 27. *Juvenal*. Selections from Juvenal's *Satires* will be read, together with a study of Roman customs.

Winter.

Latin 28. *The Letters of Cicero*. The time 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 3, 4, 5, 6.

Spring.

Latin 29. *Quintilian*. Roman oratory will be studied through the careful reading and interpretation of books X and XII of the *Institutes of Quintilian*. Omitted in 1919-1920.

Autumn.

Latin 30. *The Works of Vergil*. The time of the class will then be devoted to the reading and studying of those portions of Vergil not ordinarily read in 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 1, 2, 3, and 4.

Spring.

MATHEMATICS

Associate Professor Bauduit

Mathematics 25. *Calculus I. Differential Calculus*. A development of the fundamental principles and methods of differential calculus, with numerous applications. Prerequisite: Courses 1, 2, and 6.

Autumn.

Mathematics 26. *Calculus II. Integral Calculus*. A study of the fundamental notions and processes of integral calculus, including their application to geometry and physics. Prerequisite: Course 25.

Winter.

Mathematics 27. *Calculus III.* Selected topics in the calculus requiring more extensive and theoretic treatment than could be given in courses 25 and 26. Prerequisite: Courses 25 and 26.

Spring.

Mathematics 28. *Solid Analytic Geometry.* An introductory course based on Snyder and Sisam's *Analytic Geometry of Space*, pages 1 to 108. Prerequisite: Course 5 and a knowledge of determinants.

Spring.

Mathematics 29. *Differential Equations.* An introductory study of ordinary differential equations, emphasizing geometrical interpretations and applications to geometry, physics and mechanics. Prerequisite: courses 25 and 26.

Winter.

PHILOSOPHY

Assistant Professor Locke

Philosophy 25. *Ancient and Mediaeval Philosophy.* An effort to understand the ancient and mediaeval mind as reflected in the philosophy of those ages. The thought of Plato and Aristotle will receive special emphasis and the patristic and scholastic periods to William of Occam will also be covered. Students must do much reading in the sources and write a thesis.

Autumn and Winter.

Philosophy 26. *Modern Philosophy.* This course covers the period from the Renaissance to the present time. Special prominence will be given those philosophers whose thought largely influences men today. Extensive reading will be required of students and each must write a thesis on a topic assigned by the instructor.

Winter and Spring.

Philosophy 27. *Present Philosophical Tendencies.* A course dealing with the thought of the present day with special reference to the philosophy of William James, Josiah Royce, and Henri Bergson. Prerequisites: Philosophy 1, 25 and 26.

Autumn.

Philosophy 28. *Practical Logic.* A more intensive course than Philosophy 3. The course will deal with the logic of the biological, physical and social sciences. Prerequisites: same as those for Philosophy 27. Winter.

Philosophy 29. *Social Philosophy.* An advanced course in theories of society and social culture, with special consideration of the racial interpretation of history, and the role of races and nations as types of social culture. A survey of race contacts and interracial relations is undertaken, such as to make the course a continuation of its prerequisite: Sociology 4.

Continued during the Winter quarter for graduate students.

Autumn.

Philosophy 30. *Aesthetics and Literary Criticism.* A course in the principles of aesthetics, followed by a critical analysis of the type-forms of literature; the epic, the lyric, the ballad, the novel, the short story, and other prose forms.

Winter.

Philosophy 31. *Aesthetics and Art Criticism.* A course in the principles of aesthetics as applied to art, followed by an outline history of the fine arts, and a critical exposition of the canons of appreciation for the arts and music.

Spring.

PHYSICS

Professor Coleman and Mr. Webster

Physics 25. *Advanced Theoretical and Experimental Physics.* This course consists of about fifty advanced experiments covering the general field of Physics together with study of advanced theory and the solution of problems. Three recitations or lectures of one hour each a week and two laboratory periods of two hours a week during the two quarters.

Autumn and Winter, PROFESSOR COLEMAN AND MR. WEBSTER.

Physics 26. *Advanced Theoretical and Experimental Physics.* A continuation of Physics 25. Three recitations or lectures of one hour each week and two hours each a week during the quarter. No credit will be given for Physics 26 until Physics 25 is completed.

Spring, PROFESSOR COLEMAN AND MR. WEBSTER.

Physics 27. *Advanced Electricity and Magnetism.* This course consists of the study of the fundamental propositions of electric theory and their practical application, the solution of problems and the successful performance of a carefully selected list of experiments covering the subject. Three recitations or lectures of one hour each a week and two two-hour laboratory periods a week during the quarter.

Autumn, MR. WEBSTER.

Physics 28. *Advanced Electricity and Magnetism.* A continuation of Physics 27. Three recitations or lectures of one hour each a week and two two-hour laboratory periods a week during the quarter. No credit will be given for Physics 28 until Physics 27 is completed.

Autumn, MR. WEBSTER.

Physics 29. *Advanced Light.* This course consists of the study of the most advanced theory of light based on such texts as Edder's *Light*, Preston's *Theory of Light* and Schuster and Drude's *Theory of Optics*. A part of the course will consist of the study of and the successful performance of a list of experiments on lenses, mirrors, microscopes, the sextant, the polarimeter, the saccharimeter, the diffraction grating, the spectrometer, the interferometer and the Lummer Brodhun photometer. Three recitations or lectures of one hour each a week and two two-hour laboratory periods a week during the quarter.

Autumn, PROFESSOR COLEMAN.

Physics 30. *Advanced Light.* A continuation of Physics 29. Three recitations or lectures of one hour each a week and two two-hour laboratory periods a week during the quarter. No credit will be given for Physics 30 until Physics 29 is completed.

Winter, PROFESSOR COLEMAN.

Physics 31. *The Principles of Photography.* This is a course of lectures and recitations on the physics and chemistry of photography with adequate laboratory work to cover the practical application of all of these principles.

Spring, ASSOCIATE PROFESSOR BROWN.

Physics 31. *Advanced Heat*. This course consists of a study of the advanced theory of heat and thermodynamics together with a selected list of advanced experiments and the solution of problems. Practical applications of the advanced theory will be pointed out thus making the course of inestimable value to the general student or one specializing in engineering. Three recitations or lectures of one hour each a week and two two-hour laboratory periods a week. Omitted in 1919-1920. Autumn, MR. WEBSTER.

Physics 33. *Advanced Heat*. A continuation of Physics 32. Three recitations or lectures of one hour each a week and two two-hour laboratory periods a week. No credit will be given for Physics 32 until Physics 33 is completed. Winter, MR. WEBSTER.

Physics 34. *Theoretical Mechanics*. This is an advanced course requiring five recitations or lectures a week. Omitted in 1919-1920. Autumn, PROFESSOR COLEMAN.

Physics 35. *Theoretical Mechanics*. A continuation of Physics 34. No credit will be given for Physics 35 until Physics 34 is completed. Omitted in 1919-1920. Winter, PROFESSOR COLEMAN.

Physics 36. *Wireless Telegraphy*. A practical course open to all students who have mastered the principles of physics and have had electricity and magnetism. Omitted in 1919-1920. Autumn, MR. WEBSTER.

POLITICAL SCIENCE AND GOVERNMENT.

Professors Tunnell and G. W. Cook, Associate Professor Dyson, and Mr. Wesley.

Political Science 25. *American Government*. This course is intended to acquaint the student with the practical operations of the local, state and federal government. It is especially recommended to students planning to study law or to specialize in History and Political Science. An investigation of a special topic leading to a thesis will be required. Prerequisite: Political Science 1.

Spring, MR. WESLEY.

Political Science 26. *International Law*. This is a suggestive course through which one gains 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 cases decided.

Autumn, PROFESSOR COOK.

Political Science 27. *Municipal Government*. This course includes a study of the operations of the city governments under charters dealing in detail with the various departments of the governments, the usual shortcomings of the municipality, and the proposals for reform. Students will be expected to do practical work by investigating conditions.

Autumn, ASSOCIATE PROFESSOR DYSON.

Political Science 28. *The Government of European Cities*. A continuation of Political Science 3. Attention will be given to the study of the European cities as they differ in their structure from the government of ours. Open to Seniors and Graduates who have had Political Science 1.

Winter, ASSOCIATE PROFESSOR DYSON.

Political Science 29. *International Politics*. This is a general course of lectures on international questions. Some time will be devoted to the study of politics in the Orient with respect to the relations of European powers and the United States to the countries of Asia and their dependencies in Africa and the Orient. Prerequisite: Political Science 1 and 2. Required of all students in the School of Journalism.

Winter, MR. WESLEY.

Political Science 30. *History of Political Parties in the United States*. This course deals with the rise and the growth of political parties in the United States as a means by which the will of the majority of the people has been transferred to the government. The rise of new parties and socialistic tendencies will also receive attention.

Spring, ASSOCIATE PROFESSOR DYSON.

Political Science 31. *The Elements of Law*. This course is intended to ground students of Journalism in those principles necessary to understand the law in its relation to their special work. The chief emphasis will be placed on the law of libel. Prerequisite: Political Science 1. Required of all students in the School of Journalism. Spring, PROFESSOR TUNNELL.

Political Science 32. *Comparative Government*. This course is open to Seniors and Graduates who have taken Political Science 1 and 2. Graduates will be expected to do much collateral reading and to write a thesis on topics selected by the instructor. Attention will be directed primarily to the study of the governments of France, Germany, Italy, Belgium and Russia. Winter, PROFESSOR TUNNELL.

ROMANCE LANGUAGES.

FRENCH

Mr. Lochard and Mr. Guillot.

French 25. *French Literature to the Nineteenth Century*. A brief survey requiring the reading of standard prose and poetry of authors whose works show the significant movements in French literature and its influences on the thought of the modern world. Instruction will be given by lectures. Prerequisite: two years of French. Autumn, MR. LOCHARD.

French 26. *French Literature from the beginning of the Nineteenth Century to the present time*. A continuation of French 7. Winter, MR. LOCHARD.

French 27. *Journalistic French*. A course based on the reading of French newspapers and magazines in various fields. Provision will be made for supplying the class with materials and students will be expected to extend the work by using the files of the libraries. Students must study in conformity with a definite plan outlined by the instructor, and conferences and reports must show the successful prosecution of the work. This course is the same as Journalism 8 in The School of Journalism.

Spring, MR. GUILLOT.

ITALIAN

Professor Williams

Italian 25. *Dante*. The class will read *La Vita Nuova*, and portions of *La Divina Commedia*. Open to Seniors and graduates
Prerequisites: 6 units of French, 2 units of Spanish and 2 units of Italian. This course is the same as Italian 3 offered in the Junior College.

Spring, PROFESSOR WILLIAMS.

SOCIOLOGY.

Professor Miller, Professor Pratt and Assistant Professor McLearn

Sociology 25. *Social Pathology and Theories of Social Reconstruction*. Social classes such as the Delinquents, the Dependents, the Immigrants, the Leisure Class, and Social Organizations such as the Political Parties, the School and the Church, are studied in relation to the well being of Society.

Winter, PROFESSOR PRATT.

Sociology 26. *The History of the Family*. A study of the family as the basic unit of society from the time of primitive man: emphasis upon the woman's place in the family: the home as the foundation of the educational process.

Spring, ASSISTANT PROFESSOR MCLEAR.

Professor Miller's courses in Sociology in the Junior College are open to Seniors also.

Attention is called to the following course offered in the school of Religion by Professor Pratt.

Sociology 29. Social survey methods are studied with practical field work. The relation of the church to social conditions is discussed. A review of a standard book dealing with the solution of some social problem is required of each student.

GRADUATE WORK.

The University offers under the administration of an inter-departmental committee on graduate studies, several courses of post-graduate work leading to the degree of Master of Arts or Master of Science.

For the present, five fields or programs of post-graduate work are offered. 1, in Biological Science; 2, in Comparative Literature; 3, in History; 3, in Political Science; 4, in Education; and 5, in Theology. The supervision of the candidate's work and the administration of these courses are placed under the Committee on Graduate Studies.

Students who have already received the bachelor's degree from this or other colleges of recognized standing will be admitted to candidacy for the Master's Degree. In addition, they must satisfy the committee that such antecedent studies have qualified them for profitably pursuing the subjects selected for graduate work.

At least one year of residence in this University is required for the degree. The student must follow an approved program of work consisting of a minimum of eight courses and a thesis upon an approved topic. The subject of the thesis must be determined as early as possible during the candidate's first quarter of study and the thesis must be submitted not later than two months before the granting of the degree.

Candidates for the degree will be required to have a reading knowledge of French or German.

An oral examination embracing topics in the general field of the candidate's work is required in addition to the course examinations.

Candidates for the Master's Degree will be charged the usual matriculation, incidental, and laboratory fees. They will also be charged \$50.00 for tuition for the course and the fee of \$25.00 for graduation and diploma.

No work credited for the Master's Degree can be credited toward any other degree given by the University.

All correspondence and applications for admission to candidacy for the Master's Degree should be addressed to the Chairman of the following committee:

The Dean of the School of Liberal Arts, Chairman.

The Dean of the School of Religion.

The Dean of the School of Education.

Professor Ernest E. Just.

Assistant Professor Alain L. Locke.

THE SCHOOL OF EDUCATION

L. B. Moore, Dean; Professor of Education.

The School of Education is one of the Professional Schools of the University and aims to provide thoroughly prepared teachers for high schools, normal schools, academies, elementary schools and kindergartens. It seeks to assist the student in the acquisition of a knowledge of those branches which he wishes to teach, to give him a right attitude toward education, and to establish in him skill in the use of efficient methods of teaching and supervision.

It provides for the following classes of students: (1) teachers of experience wishing further preparation for principalship and professorships in colleges and normal schools; (2) college students intending to teach one or more special subjects in high schools 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; (4) mature teachers wishing to familiarize themselves with new methods or to master new branches; (5) college graduates who have not had the advantage of the more recent work in modern education and who desire to extend their professional training.

The Faculty of the School of Education consists of the President of the University, the Dean of the School of Education, and instructors offering as many as two courses in the School of Education.

Applicants for admission to the School of Education must have completed the Course in the Junior College, including the prerequisites as prescribed by the School of Education or the equivalent.

Applicants who offer collegiate or professional courses from normal schools in excess of the requirements for admission may be given advanced standing, provided that such accredited work rests upon a pre-collegiate preparation of a four-year course in an accredited high school.

ORGANIZATION AND SCOPE OF WORK.

The College is organized so that the student shall begin to think of the profession of teaching immediately on entering the University.

While he does not enter the school proper until the Junior Year, the student receives guidance and counsel at the outset in selecting his courses. The foundation work in Physiology, Psychology and Social Science will be given as far as possible with the teaching profession in mind.

SENIORS.

As the student takes up his work in the School of Education, beginning with the Junior Year, he is expected to decide, in consultation with his advisor, upon the particular field in which he wishes to teach. During his Senior Year he will be required to take a teaching course in his chosen field which must be based, however, upon at least three subject matter courses.

DEGREE REQUIREMENTS.

All regular students in the School of Education must complete, in addition to the work of the Junior College, two years of residence and a minimum of 18 units—three courses of five hours a week or their equivalent through three quarter terms in each year; including the courses listed below as required subjects.

Upon the successful completion of such a course, the college grants a degree of Bachelor of Arts in Education or Bachelor of Science in Education.

DESCRIPTION OF COURSES

BIOLOGY.

Professor Turner.

Biology 25. *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. Lectures and assigned reading, two hours a week for one quarter. Offered to Seniors in Home Economics courses, who have taken Botany 1 or its equivalent.

Biology 26. *Household Bacteriology.* This course is designed to give the pupil a larger acquaintance with the 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 environment. It will consider the relation of micro-organisms to the industries of bread making, dairying, agriculture, preservation of food, as well as the problems of health and disease. Prerequisite: General Chemistry.

EDUCATION.

Education 25. *History of Education*. Primitive Education to Comenius. 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: Educational Psychology, History of Western Europe.

Autumn, ASSISTANT PROFESSOR MACLEAR.

Education 26. *History of Education*. Comenius to modern times. Winter, ASSISTANT PROFESSOR MACLEAR.

Education 27. *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. The history of the Education of the Negro is an integral part of the course. Prerequisite: Education 25 and 26.

Spring, ASSISTANT PROFESSOR MACLEAR.

Education 28. *Kindergarten Theory*. This course is based on a study of Froebel's Education of Man, Mother Play, Pedagogics of Kindergarten and Education by Development. In addition, readings in modern educational theory will be required.

Autumn, ASSISTANT PROFESSOR MACLEAR.

Education 29. *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.

Autumn, ASSISTANT PROFESSOR MACLEAR.

Education 30. *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.

Winter, ASSISTANT PROFESSOR MACLEAR.

Education 31. *Songs and Games.* Lectures, practical playing of games and the study of Kindergarten songs.

Spring, ASSISTANT PROFESSOR MACLEAR.

Education 32. *Principles of Education.* This course is devoted to the study of the aims, values and content of education as revealed by biological, psychological, sociological, and ethical principles.

Autumn, PROFESSOR MOORE.

Education 33. *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.

Winter, PROFESSOR MOORE.

Education 34. *School Administration and Supervision.* This course is designed for students 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.

Winter, PROFESSOR MOORE.

Education 35. *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.

Spring, PROFESSOR MOORE.

Education 36. *Elementary Education.* The object of this course is to present to the class special methods for use in the primary and grammar grades in teaching English, Geography, Arithmetic and History.

Autumn, ASSISTANT PROFESSOR MOLEAR.

Education 37. *Secondary Education.* A brief study of the functions and administration of secondary education, and a detailed study

of the values, content, and methods of teaching the various high school branches. Each student is required to investigate thoroughly some phase of secondary education and present his findings to the class.

Winter, PROFESSOR MOORE.

Education 38 and 39. *Rural School Problems.* This course aims to present an instructive preparation for work in rural education. The rural educational problem is presented in its historical development and present status as well as rural home life and the social conditions of typical communities, the rural church, the rural school, the teaching equipment, the reorganization of rural education. Attention will be given to rural education in the South, the work of the General Education Board, the Slater and Jeannes Funds and other organized efforts to remedy the problems of that section.

Supplementary reading, both in texts and in periodical literature; lectures and reports on assigned topics.

Autumn and Winter, PROFESSOR MOORE.

Education 41. *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, discussion, recitations and special reports.

Autumn, ASSOCIATE PROFESSOR BROWN.

Education 42. *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.

Winter, ASSOCIATE PROFESSOR BROWN.

Education 43. *The Teaching of History in the Secondary School.* This course consists of lectures and class discussion. It is a study of the uses of maps, charts, text-books reviews, syllabi, class plans,

and lantern slides. Text-book study, collateral reading, class observation, and reports are required.

Spring, ASSOCIATE PROFESSOR DYSON.

Education 44. *The Teaching of History in the Elementary Schools.* This is a course of lectures and class discussion following very closely the procedure of History 37. Collateral reading, class observation and reports are required.

Autumn, ASSOCIATE PROFESSOR DYSON.

Education 45. *Teaching of Biology in Secondary Schools.* This course aims to make a study of the problems connected with the teaching of Biology in Secondary Schools. It will touch briefly upon the history of the introduction of science teaching and the significance of the movement. It will take into account the ideals and point of view of the teacher of Biology, value of science in education, relation of science teaching in the elementary school to that in the high school and the value of subject matter, laboratory methods and text-books. Much of the material presented in the course will be taken from the study and observation of high school classes. Lectures, reports, readings. Prerequisites: Principles of Education.

Winter, PROFESSOR TURNER.

Education 46. *School Hygiene.* Strong emphasis is placed in this course upon personal hygiene, particularly the hygiene of the teacher. Much of the quarter's work will be devoted to the facts and principles of school hygiene that are of direct significance from the point of view of the classroom teacher: ventilation, heating, lighting, the hygiene of eyesight and hearing, communicable diseases, physical defects, and fatigue.

Spring, PROFESSOR TURNER.

Education 47. *The Teaching of English in the Elementary Schools.* This course is open to students who are specializing in English and who have met all requirements. The aim is to develop a rational method of procedure in the teaching of Elementary English.

Autumn, PROFESSOR HOUSTON.

Education 48. *The Teaching of English in the Secondary Schools.* This course deals with the peculiar problems of students desiring to

teach English or supervise instruction in the lower grades. Prerequisites are the same as those for Education 47.

Winter, PROFESSOR HOUSTON.

Education 49. *The Teaching of Modern Languages.* Attention will be directed to the objective in the study of modern languages with a view to determining the methods best adapted. Phonetics will be emphasized as a fundamental. The class will participate in exercises in which modern methods will be used.

Spring, MR. LOCHARD.

Education 50. *The Teaching of Ancient Languages.* This course is a brief survey of the methods which have from century to century been used in teaching Latin and Greek. The recent effort to reduce instruction in these fields to the same basis as that of instruction in modern languages will be given attention. Students will be required to visit the secondary schools in the city with a view to observing the use of methods discussed in the class.

Autumn, PROFESSOR LIGHTFOOT.

Education 53. *The Teaching of Manual Arts.* In this course the effort is directed primarily towards making a distinction between actual work as a mechanic and that of a teacher of the manual arts. The instructor will emphasize also the necessity for the teaching of manual arts as a center around which the entire curriculum of the Manual Training Schools may be correlated.

Spring, MR. _____.

Education 54. *The Teaching of Home Economics.* This course deals largely with the methods of instruction in Domestic Art and Domestic Science. The opportunity here for correlating with these courses such objects as drawing, design, science, mathematics, and the like will be emphasized. An effort will be made to show how the instructor in these fields may touch the life of the student and of the whole community by tracing the ramifications of Home Economics.

Spring, Miss _____.

PSYCHOLOGY

Professor Harvey

Psychology 25. *Social Psychology.* This course considers consciousness as expressed in social contact. The influence of organizations, economic, political, religious, and social, the reason people are carried away by the crowd, panics, etc., will receive attention. The development of language, religion, art, in their social aspects will also be considered.

Autumn.

Psychology 26. *Educational Psychology.* This course will offer a detailed study of memory, imagination, and association as applied to the problems of the teacher. Types of learning, imaginal types, laws of economic learning, the most important of the many factors influencing the associative process, and the psychology of skill will be the chief topics considered. As far as practicable simple experiments will be employed to make the work first-hand and practical. Prerequisite: Introductory Psychology.

Winter.

Psychology 27. *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.

Spring.

Psychology 28. *Experimental Education.* This course will comprise an application of the knowledge and methods of experimental psychology to the problems of learning. In this way the problems of types of learning, imaginal types, and the several problems of memory and the associative process will be studied, and the known facts, laws, and principles of the psychology of learning will be worked out at first hand by the students. The use of standard tests and scales will receive attention.

Autumn.

Psychology 29. *Psychology of School Subjects.* This will be a study of recent investigations in the bearing of psychology upon the teaching and learning of elementary and secondary school subjects.

Winter.

THE SCHOOL OF COMMERCE AND FINANCE

George W. Cook, Dean; Professor of Commercial Law and International Law

In response to a widespread demand for scientific preparation and training for business careers, the SCHOOL OF COMMERCE AND FINANCE was established. While this course is necessarily liberal, the aim is to specialize in the principles of commerce and finance. The courses of instruction are designed both to give information and to cultivate mental qualities that are essential to leadership in business. Two practical courses are offered: ACCOUNTING and SECRETARIAL. The degree of Bachelor of Commercial Science will be conferred upon those who complete the courses of instruction. The entrance requirements are the same as those of the other degree courses offered by the University.

A general business course is made possible by grouping the electives according to individual needs.

Students expecting to enter the School of Commerce, are therefore advised to take in the secondary school training, English, Latin, French, German or Spanish, Mathematics, History, Physics, Chemistry, Mechanical Drawing, Shorthand, Typewriting, and Elementary Bookkeeping.

A student is required to take dictation at the rate of sixty words a minute to enter the Secretarial Courses of the School of Commerce and Finance. It is suggested that a student take the subject during a summer session.

GROUPS OF STUDY IN THE DEPARTMENT OF COMMERCE AND FINANCE

ACCOUNTING -----	{ Elementary Accounting ----- Advanced Accounting ----- Cost Accounting ----- Accounting Systems -----	} Auditing
BUSINESS ORGANIZATION --	{ Business Finance ----- Corporation Finance ----- Public Finance -----	} Investments

ELEMENTARY LAW -----	{ Commercial International Real Estate
INSURANCE -----	{ General Life
COMMERCIAL ORGANIZATION --	{ Commercial Products Manufacturing Commercial Transportation
MONEY AND BANKING -----	{ Domestic Exchange Money and Banking

OUTLINE OF REQUIRED COURSES

SECRETARIAL

Junior Year

Principles of Business	Business Finance
Commercial Law	Business Organization
Principles of Insurance	Money and Banking
Manufacturing Industries	Salesmanship

Senior Year

Corporation Finance	Office Management
Elementary Accounting	Advertising
Commerce and Transportation	Investments
Real Estate	Practical Work

Electives

International Law	Life Insurance
Public Finance	Stock and Produce Exchanges
Foreign Trade Problems	

ACCOUNTING

Junior Year

Elementary Accounting	Manufacturing Industries
Economic History	Principles of Insurance
Principles of Business	Business Organization
Commercial Law	Money and Banking
Business Finance	Salesmanship
Advanced Accounting	

Senior Year

Cost Accounting	Public Finance
Corporation Finance	Auditing
Real Estate	C. P. A. Course

Electives

Investments	Accounting Systems
Farm Accounting	International Law
Stock and Produce Exchanges	Office Management
Foreign Trade Problems	Life Insurance
Transportation	Advertising
Social Problems	The Labor Problems
Municipal Government	Statistics

DESCRIPTION OF COURSES

Professor G. W. Cook, Mr. Curley and Mr. Hines

Business Finance

A study of the fundamental principles of financial policy involved in the organization and management of business enterprises. Among the topics discussed are: The advantages and disadvantages of the different forms of business and financial organization; the methods of raising funds; business combinations, readjustments and reorganizations.

Winter, MR. HINES.

Money and Banking

This course deals with the principles of Money and Credit with emphasis on bank organization. The bank as a credit institution will be studied as to its own organization and from the point of view of its relation to the industrial development of the country. A typical bank will be visited and studied. At the same time this is a practical course, treating of the actual operation of the various departments of banks. Commercial banks, savings banks, and trust companies are considered, as well as the methods and functions of notebrokers and commercial paper houses. Particular emphasis is placed upon the organization and work of the credit department and the management of the collateral department of a commercial

bank; and upon the investment principles of savings institutions. This course is the same as Economics 3.

Spring, MR. HINES.

Elementary Accounting

Principles of debit and credit as applied to the keeping of single entry and double entry books, preparation of simple balance sheets and loss and gain statements including the process of closing the ledger. The course also covers a discussion of partnership account, accruals, and columnar books with the use of controlling accounts.

Autumn and Spring, MR. CURLEY.

Advanced Accounting

Principles of higher accounting, including the use of columnar books, revenue accounts, the treatment of depreciation, bad and doubtful debts, etc. Capital stock records together with opening entries for corporations are considered, as is also the subject of consolidated balance sheets and income statements.

Winter and Spring, MR. CURLEY.

Cost Accounting

This course includes a discussion of the place occupied by cost accounting in the field of general accounting and the relation of the cost records to the general commercial books of a business. Lectures on the handling of material, the handling of direct labor cost and the calculation and distribution of overhead expenses. Class work is supplemented by exercises illustrative of the principles involved.

Spring, MR. CURLEY.

Accounting Systems

The discussion of the method of procedure in the installation of a system; practice in preparing and ruling standard forms to scale, writing instruction for installation. Model systems applicable to specific lines of business will be required.

Winter, MR. CURLEY.

Auditing

In the study of auditing the following features are considered: Preparation of accounts for an audit; method of procedure; kinds of audits; duties and responsibilities of auditors; and practice

in the auditor's work of making up statements and reports. The work in auditing will be supplemented by many problems selected from among those given at C. P. A. examinations.

Autumn, MR. CURLEY.

Principles of Business

A course of study intended to cover the field of business as an independent science, and to show the relation of this science to the older sciences,—the natural, physical, and social sciences. Emphasis will be placed upon topics which are not the subject of special courses in the School of Commerce and Finance.

Autumn, MR. HINES.

Insurance

A general course dealing with the underlying principles of the four main divisions in insurance: marine, fire, life, and casualty.

Autumn, PROFESSOR COOK.

Life Insurance

A study of organization, management and supervision of legal reserve companies and fraternal and assessment organizations. An analysis of premium computation, the reserve, loading, surrender values, loans and surplus. Lectures, assignments, and class reports.

Winter, PROFESSOR COOK.

Corporation Finance

A study of the corporation as a form of business organization, primarily with reference to its financial management. The course will take up such topics as: the nature and characteristics of the corporation, internal organization, formation and promotion, forms of securities, sale of securities and stock market, capitalization, financial policy, analysis of reports, reorganization, and federal control.

Winter, MR. HINES.

Public Finance

An elementary survey of the entire field of public finance. This course aims to familiarize the student with the accepted modern theories of public expenditures, budgetary legislation, management of public domains and industries, public revenue and public debts. This course is the same as Economics 4.

Autumn, MR. HINES.

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.

Spring, PROFESSOR COOK.

Salesmanship and Personal Efficiency

The aim is not only to emphasize the fundamental principles of salesmanship, but to take account of the larger scope of the field of selling as applied to personal activities. When it is possible actual work will follow theory.

Spring, MR. HINES.

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. A text book in business organization will be used. There will be lectures and assigned reading.

Winter, MR. HINES.

Real Estate

This is essentially a practical course for the benefit of owners and managers of real estate or men engaged in the real estate business. Classroom lectures and discussions are based on concrete statements of fact and actual business problems which concern questions in real estate law, operation, management, valuation, investments.

Autumn, PROFESSOR COOK.

Investments

This course covers the work of the investment department in a modern banking house. It aims to assist those who intend to enter

that field of finance or whose duties include the investment of funds. All types of securities will be discussed from the viewpoint of both safety and income.

Winter, PROFESSOR COOK.

Advertising

The aim is to present the fundamental principles of the science of advertising. The course includes a practical study of the various departments of advertising—advertising copy, commercial art, advertising display, engraving, the rates of newspapers, magazines and outdoor media, and the like.

Spring, MR. CURLEY.

Commerce and Transportation

A study of the facilities of commerce on the high seas and the trade relations of modern nations. The course covers too the American railroad systems, the several branches of railroad service, railroad rates, and the questions of public aid and control. This course is the same as Economics 5.

Winter, MR. CURLEY.

THE SCHOOL OF JOURNALISM

_____, *Dean; Professor of Journalism*

The School of Journalism has been established to give thorough training to students interested in newspaper and magazine work. Closely connected with the School of Journalism are the University Press and the Department of Publications directed by the same head. This close connection of these departments brings to the students of the School of Journalism many opportunities for practical work in editing and managing the University publications.

The requirements for admission to the School of Journalism are the same as those of the other Senior Schools of the University. Students from other colleges who have regularly pursued the courses equivalent to those prescribed for the Junior College may be admitted on presenting a certificate showing that they have successfully completed the work.

Special students may be admitted at the discretion of the Director when convinced that their preparation has been sufficient to enable them profitably to pursue the courses in Journalism, but they must conform in every respect to the regulations governing the work of students who are candidates for a degree.

All students asking admission to the School of Journalism will be examined in two modern languages to test their ability to read French, German or Spanish. The mere study or the completion of such courses will not be considered sufficient, as the advanced work to be pursued in the School of Journalism requires a reading knowledge of at least two modern foreign languages.

The requirements in Journalism presuppose advanced work in English composition. Students who have not taken the courses in English composition offered in the Junior College or their equivalent must make up these deficiencies before undertaking the work in the School of Journalism. Under exceptional circumstances a student who has met all other requirements may take one of the courses in English composition while doing the required work in Journalism.

No effort will be made to restrict the work in Journalism to one field, however; for the courses required are sufficiently liberal to inculcate an appreciation of the philosophy and history of the world; to enlighten the student on the social, industrial and political movements of the day; in fact, to ground him thoroughly in all fundamentals necessary to the making of a newspaper man. The course, therefore, includes such subjects as Science, Economics, History, Law, Philosophy, Language, and Literature.

REQUIREMENTS FOR GRADUATION

The School of Journalism confers the degree of Bachelor of Science. Candidates for this degree are required to secure credit for three units a quarter and eighteen for the two year course. The total credits required are thirty-six units, eighteen of which must be completed in the Junior College or in some accredited college. Exceptionally bright students may by permission complete the course in less than two years after meeting the requirements of the Junior College.

Certain courses are required in the School of Journalism but about half of the student's work will consist of electives elsewhere outlined under the description of courses for the Junior College and the School of Liberal Arts.

The following courses are required in the School of Journalism:

Journalism	4 units
Journalistic French	1 unit
Journalistic German or Journalistic Spanish	1 unit
The History of Journalism	2 units
Sociology	1 unit
Politics	2 units
Recent European and American History	1 unit
Elements of Law	1 unit
English Literature in the Nineteenth Century	1 unit
Municipal Government	1 unit
Finance	1 unit
Free Hand and Applied Drawing	1 unit
International Law	1 unit

DESCRIPTION OF COURSES*

Journalism 1. *A Practice Course in Writing.* An effort to apply to newspaper work the principles of composition developed in the English work done during the first two years of college work.

Autumn.

Journalism 2. *Newspaper Technique.* Some lectures will be given but the chief tasks will be writing and rewriting exercises based on current topics to develop in the student an appreciation of news values. Students will report meetings, prepare news for the press and avail themselves of every opportunity to understand the machinery operating the newspaper.

Winter.

Journalism 3. *Newspaper Technique.* This course is a continuation of Journalism 2 in an advanced field. The work will mainly consist of reporting, correspondence, and interviewing.

Spring.

Journalism 4. *Newspaper Editing.* The class will be required to participate in editing the University publications and will write editorials for the newspapers cooperating with the School of Journalism. Magazine writing will also be an objective.

Autumn.

Journalism 5. *The History of Journalism.* The course will be conducted by lectures, but students will be required to do investigation leading to the preparation of a thesis. The work for reference will not be confined to English texts. As use will be made of French, Spanish and German books, students without a reading knowledge of at least two of these languages will not ordinarily be permitted to take this course.

Spring.

Journalism 6. *The History of Journalism.* A continuation of Journalism 5. The aim of this course is to study the rise, growth and development of the newspaper in the United States.

Winter.

* The courses in the School of Journalism will not be offered in 1919-1920.

Journalism 7. *Advertising.* Advertising and the psychological principles underlying it will be emphasized.

Winter.

Journalism 8. *Journalistic French.* A course based on the reading of French newspapers and magazines in various fields. Provision will be made for supplying the class with material and students will be expected to extend the work by using the files of the libraries. Students must study in conformity with a definite plan outlined by the instructor and conferences and reports must show the successful prosecution of the work. This course is the same as French 27 in the School of Liberal Arts.

Spring.

Journalism 9. *Journalistic German.* An extensive course in the reading of German newspapers. The aim is to offer the opportunity for acquiring the vocabulary of the newspaper world and to acquaint the student with the make-up, arrangement, and the function of the newspaper in Germany. Students will be required to make use of the German newspapers and magazines in the Howard University Library and in the Library of Congress. Frequent reports and conferences on what the students read will constitute an important part of this work. This course is the same as German 31 in the School of Liberal Arts.

Spring.

Journalism 10. *Journalistic Spanish.* This course and a similar course in French have the same aim as that in Journalistic German and will be conducted in about the same way. In addition to the required work in class students must do extensive reading and report on the same according to arrangement with the instructor.

Political Science 30. *The Elements of Law.* An introductory course intended to ground students of Journalism in those principles necessary to understand the law in its relation to their special work. The chief emphasis will be placed on the law of libel. Prerequisite: Political Science 1. Required of all students in the School of Journalism.

For other courses see the description of courses under the Junior College and School of Liberal Arts.

THE SCHOOL OF APPLIED SCIENCE

Harold DeWolfe Hatfield, Director; Professor of Mechanical Engineering

GENERAL STATEMENT

Educators agree that the people must progress along all lines of human endeavor simultaneously; the progress must of necessity be industrial, intellectual, physical and moral. The schools in which technical subjects and home economics 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.

The Departments of Engineering and Architecture offer to those who enter 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 country, 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, architecture and agriculture are professions full of opportunities and possibilities.

The Department of Agriculture offers a regular four-year course in Agriculture. This course is planned to meet three specific needs: First, to give students a thorough training in agricultural education; second, to meet the needs of those students who desire to enter the Federal service as specialists in some one of the many branches of agricultural industry, such as Inspectors, Plant Pathologists and Plant Breeders; third, to furnish an opportunity for the large number of students, who have had work of a vocational nature in a secondary school, to round out this training and to establish it on a thoroughly scientific basis.

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.

EQUIPMENT

The Department has for its use the new Applied Science Building, in the basement of which are the Engineering Laboratories, classrooms and a large, well-lighted drafting room. The Pattern Shop, machine shop, stock room and office of the Director, occupy the second floor, while on the third floor are the Department of Home Economics, recitation rooms and storage rooms. In the basement of Spaulding Hall, which adjoins the Applied Science Building, is situated the Print 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 Pattern Shop, machine and printing shops are equipped with individual motor drive.

Engineering Equipment.

The material laboratory is fully equipped with modern apparatus for commercial testing and comprises, in part, a 100,000 pound 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; standard guage testers, and 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 wiers, venturi meters, orifices, flow of water in pipe, and flow through nozzles. 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, and range poles.

The Electrical Laboratories situated in the basement and on the second floor of Science Hall comprise workshops, a storage battery room, photometer room and a large well-lighted dynamo room. The equipment includes standards of resistance, inductance and capacity; galvanometers of various types, potentiometers and electro-dynamometers, Thompson's electrostatic voltmeter and electric balances, sechometers, magnetometers, wheatstone and slide-wire bridges, a large assortment of voltmeters, ammeters and watt-meters for measurement 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 1-14 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, 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 has also been installed.

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 practicability of their design. Transformers of the commercial type, from several leading manufactures 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.

REQUIREMENTS FOR GRADUATION

The School of Applied Science will confer the following degrees upon students who satisfactorily complete one of the groups of courses as outlined on the following pages:

- Bachelor of Science in Civil Engineering.
- Bachelor of Science in Electrical Engineering.
- Bachelor of Science in Mechanical Engineering.
- Bachelor of Science in Architecture.
- Bachelor of Science in Agriculture.
- Bachelor of Science in Home Economics.

FRESHMAN YEAR. (ENGINEERING)

Same for all branches of Engineering

AUTUMN

<i>Course</i>	<i>Hrs.</i> <i>Rec.</i>	<i>Hrs.</i> <i>Lab.</i>
Advanced Algebra -----	5	0
English 1. -----	5	0
Language -----	5	0

<i>Course</i>	<i>Hrs.</i> <i>Rec.</i>	<i>Hrs.</i> <i>Lab.</i>
Mechanical Drawing -----	0	9
Forge Shop or Topographical Lettering -----	0	6
Physical Education -----	0	2
WINTER		
Plane Trigonometry -----	5	0
English 1. -----	5	0
Language -----	5	0
Mechanical Drawing -----	0	6
Chemistry 1. -----	3	6
Physical Education -----	0	2
SPRING		
Solid Geometry -----	5	0
Descriptive Geometry -----	0	6
Chemistry 1. -----	3	6
Foundry or Spherical Trigonometry -----	0	6
Physical Education -----	0	2
SOPHOMORE YEAR. (CIVIL ENGINEERING)		
AUTUMN		
Physics 1. -----	4	2
Analytical Geometry -----	5	0
Plane Surveying -----	2	9
Geology -----	3	0
Physical Education -----	0	2
WINTER		
Physics 1. -----	4	2
Differential Calculus -----	5	0
Topographical Drawing -----	0	9
Empirical Design -----	0	9
Physical Education -----	0	2
SPRING		
Physics 2. -----	3	4
Integral Calculus -----	5	0
Advanced Surveying -----	2	9
Astronomy -----	5	0
Physical Education -----	0	2

JUNIOR YEAR. (CIVIL ENGINEERING)

Course	Hrs.	Hrs.
	Rec.	Lab.
AUTUMN		
Mechanics of Engineering -----	5	0
Hydraulics -----	5	0
Railroads -----	3	6
Economics -----	5	0
WINTER		
Mechanics of Engineering -----	5	0
Materials of Construction -----	3	3
Sanitary Engineering -----	5	0
Railroads -----	3	6
Economics -----	3	0
SPRING		
Structural Details -----	2	6
Bridge Stresses -----	3	0
Concrete Construction -----	0	6
Heat Power Engineering -----	5	0
Mechanics of Engineering -----	5	0
Materials of Construction -----	3	3

SENIOR YEAR. (CIVIL ENGINEERING).

AUTUMN		
Bridge Design -----	3	9
Direct Current Machinery -----	3	3
Water Supply -----	5	0
Commercial Law -----	5	0
Steel Buildings -----	3	6
WINTER		
Bridge Design -----	3	9
Roads and Pavements -----	2	3
Bacteriology -----	2	6
Commercial Law -----	5	0
Alternating Current Machinery -----		3
SPRING		
Engineering Laboratory -----	2	6
Irrigation Engineering -----	3	0
Foundations -----	3	0

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
Water Power Engineering -----	3	6
Engineering Economics -----	4	0

SOPHOMORE YEAR. (MECHANICAL ENGINEERING)

AUTUMN

Analytical Geometry -----	5	0
Physics 1 -----	4	2
Empirical Design -----	0	9
Plane Surveying -----	2	9
Mechanism -----	3	0
Physical Education -----	0	2

WINTER

Differential Calculus -----	5	0
Physics 1 -----	4	2
Empirical Design -----	0	9
Pattern Making -----	0	6
Mechanism -----	3	0
Physical Education -----	0	2

SPRING

Integral Calculus -----	5	0
Physics 2 -----	3	4
Kinematic Design -----	0	9
Pattern Making -----	0	6
Applied Electricity -----	3	3

JUNIOR YEAR. (MECHANICAL ENGINEERING.)

AUTUMN

Mechanics of Engineering -----	5	0
Machine Shop -----	0	6
Hydraulics -----	5	3
Machine Design -----	1	6
Economics -----	5	0

WINTER

Mechanics of Engineering -----	5	0
Materials of Construction -----	3	3
Machine Shop -----	0	6

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
Machine Design.....	1	6
Economics	5	0

SPRING

Structural Details.....	2	6
Thermodynamics	5	0
Machine Design.....	1	6
Mechanics of Engineering.....	5	0
Materials of Construction.....	3	3

SENIOR YEAR. (MECHANICAL ENGINEERING).

AUTUMN

Direct Current Machinery 5.	3	3
Steam Engineering.....	5	6
Steel Buildings.....	3	6
Heating and Ventilating.....	5	0
Commercial Law.....	5	0

WINTER

Alternating Current Machinery.....	3	3
Steam Engineering.....	5	6
Gas Engines.....	3	0
Engineering Laboratory.....	0	6
Commercial Law.....	5	0

SPRING

Engineering Laboratory.....	2	6
Foundations	3	0
Engineering Design.....	3	0
Engineering Economics.....	4	0
Inspection Trips.....	0	3

SOPHOMORE YEAR. (ELECTRICAL ENGINEERING).

AUTUMN

Analytical Geometry.....	5	0
Physics 1.....	4	2
Plane Surveying.....	2	9
Empirical Design.....	0	9
Mechanism	0	2
Physical Education	0	2

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
WINTER		
Differential Calculus.....	5	0
Physics 1.....	4	2
Pattern Making.....	0	6
Empirical Design	0	9
Mechanism	3	0
Physical Education.....	0	2
SPRING		
Integral Calculus.....	5	0
Physics 2.	3	4
Applied Electricity	3	3
Pattern Making.....	0	6
Kinematic Drawing	0	9
JUNIOR YEAR. (ELECTRICAL ENGINEERING).		
AUTUMN		
Mechanics of Engineering.....	5	0
Machine Shop	0	6
Machine Shop	0	6
Hydraulics	5	3
Electrical Engineering Direct Currents 2.....	3	3
Economics	5	0
WINTER		
Mechanics of Engineering.....	5	0
Materials of Construction	3	3
Machine Shop	0	6
Machine Design	1	6
Electrical Engineering Direct Currents 3.....	3	3
SPRING		
Thermodynamics	5	0
Machine Design	1	6
Electrical Engineering Direct Currents 4.....	3	6
Mechanics of Engineering.....	5	0
Materials of Construction	3	3

SENIOR YEAR. (ELECTRICAL ENGINEERING)

Course	Hrs.	Hrs.
	Rec.	Lab.
AUTUMN		
Alternating Currents 7.....	4	6
Electrical Engineering Design 10.....	1	6
Electric Traction 13.....	3	0
Physics 8.....	2	3
Steam Engineering	0	6
Commercial Law.....	5	0
WINTER		
Alternating Currents 8.....	4	6
Electrical Engineering Design 2.....	1	6
Electrical Traction and Transmission.....	3	0
Physics 3.....	2	3
Commercial Law.....	5	0
SPRING		
Alternating Currents 9.....	5	3
Electrical Engineering Design 12.....	1	6
Industrial Management	4	0
Electric Traction and Transmission	3	0
Inspection Trips	0	3

FRESHMAN YEAR. (ARCHITECTURE).

AUTUMN		
Advanced Algebra	5	0
English 1.....	5	0
Language	5	0
Architectural Drawing and Design 1.....	0	9
Elements of Architecture.....	2	4
Physical Education	0	2
WINTER		
Plane Trigonometry.....	5	0
English 1.	5	0
Language	5	0
History (Mediaeval)	4	0
Architectural Drawing and Design 1.....	0	9
Elements of Architecture	3	0
Physical Education	0	2

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
SPRING		
Solid Geometry.....	5	0
Descriptive Geometry	3	9
Shades and Shadows	0	6
Architectural Drawing and Design 1.....	0	6
Physical Education	0	2

SOPHOMORE YEAR. (ARCHITECTURE).

AUTUMN		
Analytical Geometry	6	0
Physics 1.	4	2
English 2.	5	0
Architectural Design 2.....	0	9
Freehand Drawing 1.....	0	6
Physical Education	0	2

WINTER		
Differential Calculus	6	0
Physics 1.	4	2
Architectural Design 2.....	0	6
Perspective	0	3
Ancient Architectural History.....	5	0
Carpentry Construction	0	4
Physical Education	0	2

SPRING		
Integral Calculus	6	0
Architectural Design 3.....	0	9
Mediaeval Architectural History	5	0
Carpentry Construction	0	4
Freehand Drawing 2.	0	6

JUNIOR YEAR. (ARCHITECTURE)

AUTUMN		
Heating and Ventilating.....	5	0
Masonry and Iron Work.....	3	9
Mechanics of Engineering	5	0
Architectural Design 4.....	0	9
Physical Education	0	2

THE SCHOOL OF APPLIED SCIENCE

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<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
WINTER		
Architectural History -----	4	0
Water Color Drawing -----	0	6
History of Painting -----	2	0
Architectural Design 4 -----	0	9
History of Sculpture -----	2	0
Mechanics of Engineering -----	5	0
SPRING		
Mechanics of Engineering -----	5	0
Freehand Drawing 3 -----	0	6
Materials of Construction -----	0	3
Architectural Design 4 -----	0	15
Physical Education -----	0	2
SENIOR YEAR. (ARCHITECTURE.)		
AUTUMN		
Theory of Design -----	2	0
Architectural Design 5. -----	0	18
Freehand Drawing 4. -----	0	9
Commercial Law -----	3	0
Physical Education -----	0	2
WINTER		
Theory of Design -----	2	0
Water Color Rendering -----	0	4
Architectural Design 5. -----	0	18
Foundations of Buildings -----	0	3
Commercial Law -----	3	0
Physical Education -----	0	2
SPRING		
Theory of Design -----	2	0
Water Color Rendering -----	0	4
Architectural Design 5. -----	0	18
Specifications and Contracts -----	4	0
Professional Ethics -----	2	0
Physical Education -----	0	2

HOWARD UNIVERSITY

FRESHMAN YEAR. (AGRICULTURE.)

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
AUTUMN		
Advanced Algebra -----	6	0
English 1. -----	5	0
Chemistry -----	3	6
Physiology -----	4	0
Agricultural Botany -----	3	0
Agronomy -----	3	0
Physical Education -----	0	2
WINTER		
Plane Trigonometry -----	6	0
English 1. -----	5	0
Chemistry -----	3	66
Physiology -----	4	0
Agricultural Botany -----	3	0
Agronomy -----	3	0
Physical Education -----	0	2
SPRING		
Solid Geometry -----	6	0
Horticulture -----	3	9
Agricultural Botany -----	3	0
Agronomy -----	3	0
Physical Education -----	0	2

SOPHOMORE YEAR. (AGRICULTURE.)

AUTUMN		
Public Speaking -----	3	0
Language -----	5	0
Physics 1. -----	4	2
Zoology -----	5	0
Agricultural Chemistry -----	3	0
Physical Education -----	0	2
WINTER		
Public Speaking -----	3	0
Language -----	5	0
Physics -----	4	2

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
Animal Husbandry -----	5	0
Agricultural Chemistry -----	3	0
Physical Education -----	0	2

SPRING

Economic Entomology -----	3	0
Landscape Gardening -----	3	6
Mechanical Drawing -----	0	6
Animal Husbandry -----	5	0
Agricultural Chemistry -----	3	0
Physical Education -----	0	2

JUNIOR YEAR. (AGRICULTURE).

AUTUMN

Language -----	5	0
Psychology -----	3	0
Dairying -----	5	0
Horticulture 2. -----	3	0
Electives -----	12	0

WINTER

Language -----	5	0
Psychology -----	3	0
History of Education -----	4	0
Horticulture 2. -----	3	0
Electives -----	12	0

SPRING

Psychology -----	3	0
History of Education -----	4	0
Poultry Husbandry -----	5	0
Horticulture 2. -----	3	0
Electives -----	12	0

SENIOR YEAR. (AGRICULTURE).

AUTUMN

Rural Sociology -----	3	0
Bacteriology -----	1	2
Farm Management -----	4	0
Teaching of Agriculture -----	4	0
Commercial Law -----	3	0

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
WINTER		
Rural Sociology -----	3	0
Bacteriology -----	1	2
Farm Management -----	4	0
Teaching of Agriculture -----	4	0
Commercial Law -----	3	0
SPRING		
Rural Sociology -----	3	0
Bacteriology -----	1	2
Rural Economics -----	5	0
Electives -----	6	0
FRESHMAN YEAR. (HOUSEHOLD ECONOMICS.)		
AUTUMN		
English 1. -----	5	0
Physiology -----	5	0
Design -----	0	4
Garment Making -----	2	7
Physical Education -----	0	2
WINTER		
English 1. -----	5	0
Physiology -----	5	0
Design -----	0	4
Foods and Cookery -----	2	4
Garment Making -----	2	7
Physical Education -----	0	2
SPRING		
Household Management -----	6	6
Costume Design -----	0	4
Design -----	0	4
Foods and Cookery -----	2	4
Basketry -----	0	9
Physical Education -----	0	2
SOPHOMORE YEAR. (HOUSEHOLD ECONOMICS.)		
AUTUMN		
Psychology -----	5	0
Principles of Education -----	5	0

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
Food Production -----	5	0
Theory of Teaching Domestic Science-----	2	0
Dressmaking -----	1	5
Physical Education -----	0	2
Practice Teaching -----		

WINTER

Psychology -----	5	0
Principles of Education -----	5	0
Chemistry -----	3	6
Theory of Teaching Domestic Art -----	2	0
Millinery and Needlework -----	1	5
Physical Education -----	0	2
Practice Teaching -----		

SPRING

Home Nursing -----	1	2
Serving -----	1	3
Chemistry -----	3	6
Dressmaking -----	1	4
Millinery and Needlework -----	1	5
Physical Education -----	0	2

JUNIOR YEAR. (HOME ECONOMICS).

TEXTILE AND CLOTHING GROUP

AUTUMN

Economics -----	5	0
Sociology -----	5	0
Tailoring -----	2	7
Electives -----	2	0

WINTER

Economics -----	5	0
Organic Chemistry -----	2	4
Sociology -----	2	44
Electives -----	2	0

SPRING

Organic Chemistry -----	2	4
Tailoring -----	2	7
Electives -----	8	0

SENIOR YEAR. (HOME ECONOMICS).

TEXTILE AND CLOTHING GROUP

<i>Course</i>	<i>Hrs. Rec.</i>	<i>Hrs. Lab.</i>
AUTUMN		
English Literature -----	5	0
History of Education -----	5	0
Tailoring -----	2	7
Electives -----	2	0
WINTER		
English Literature -----	5	0
History of Education -----	5	0
Household Chemistry -----	2	4
Advanced Needlework -----	0	5
SPRING		
History of Textiles -----	2	0
Dress Design -----	0	6
Household Chemistry -----	2	4
Tailoring -----	2	7

JUNIOR YEAR. (HOME ECONOMICS).

FOODS AND NUTRITION GROUP

AUTUMN		
Economics -----	5	0
Sociology -----	5	0
Household Bacteriology -----	2	6
History of Cookery -----	2	0
WINTER		
Economics -----	5	0
Organic Chemistry -----	2	4
Sociology -----	5	0
Electives -----	5	0
SPRING		
Demonstration Cookery -----	0	3
Organic Chemistry -----	2	4
Experimental Cookery -----	0	3
Sex Hygiene -----	2	0
Electives -----	5	0

SENIOR YEAR. (HOME ECONOMICS).

FOODS AND NUTRITION GROUP

Course	Hrs.	Hrs.
	Rec.	Lab.
AUTUMN		
English Literature	5	0
History of Education	5	0
Dietetics	2	3
Electives	5	0

SENIOR YEAR. (HOME ECONOMICS).

FOODS AND NUTRITION GROUP

WINTER		
English Literature	5	0
History of Education	5	0
Household Chemistry	2	4
Electives	5	0
SPRING		
Institutional Management	0	6
Institutional Cookery	0	6
Topical Work	2	0
Household Chemistry	2	4
Nature Study	2	3

DESCRIPTION OF COURSES.

CIVIL ENGINEERING

1 and 2. Mechanical Drawing.

Freshmen: Nine hours in autumn and six hours in winter. Use of instruments; drawing of geometric figures in isometric and orthographic projection; shading, development of surfaces, elementary perspective and drawing from models. Considerable attention is given to lettering.

Autumn and Winter.

3. Descriptive Geometry.

Freshmen: Three hours lecture-recitation and six hours of drawing a week. Prerequisite: Mechanical Drawing. This course covers the orthographic projection of points, lines, warped surfaces, etc., in the four angles of projection. 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.

Spring.

4. *Plane Surveying.*

Sophomores: Two lecture-recitation hours and nine hours of field work a week. Prerequisite: Plane Trigonometry. Instruction is given in the theory of surveying, and in the theory, 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 leveling; traverses with the plane table, etc. Maps and reports are required.

Autumn.

5. *Advanced Surveying.*

Sophomores: Two lecture-recitation and nine field hours of work per week. Prerequisite: Plane Surveying. City, topographic, hydrographic, mine, geodetic surveying, and field astronomy. Precise measurements; surveys of the United States Public Lands; measurement of volumes; triangulation; base lines; precise leveling; field determinations of azimuth, time and latitude.

Spring.

6. *Topographical Drawing.*

Sophomores: Nine hours of drawing a week. Prerequisites: Mechanical Drawing and Plane Surveying. Detail and dimension drawing, which includes tracing of typical dimension drawings, and making detail drawings from the 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.

Winter.

25, 26 and 27. *Mechanics of Engineering.*

Juniors; Five lecture-recitation hours per week. 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 acceleration; 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 beam; non-prismatic beams; combined bending and torsion; eccentric loading; curved bars and hooks; columns; problems showing application of principles of mechanics in engineering design.

Autumn, Winter and Spring.

28. *Hydraulics.*

Juniors; Five lecture-recitation and three laboratory hours per week. Prerequisite: Physics 2. A study of the weight and pressure of water; head; center of pressures; velocity and discharge through orifices, tubes, nozzles, pipes, hose, weirs, conduits, canals, and rivers; meters and measurements; motors, turbines, and water wheels; water power.

Autumn.

29 and 30. *Railroads.*

Juniors: Three lecture-recitation and six field hours of work. Prerequisites: 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.

Autumn and Winter,

31 and 32. *Materials of Construction.*

Juniors; Three lecture-recitation and three laboratory hours 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 the points of importance to the engineer. The laboratory work consists of experimental determination of the properties of the materials studied in the class room.

Winter and Spring.

33. Sanitary Engineering.

Juniors: Five lecture-recitation hours a week. Prerequisite: 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.

Winter

34. Structural Details.

Juniors: Two lecture-recitation hours and six hours of computation and drawing a week. To be taken with or after Mechanics of Engineering. The work includes complete detail designs and working drawings of steel and wooden joints to resist large tensile stresses, and of steel and wooden roof truss for the structure named, with a study of 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.

Spring.

35. Bridge Stresses.

Juniors: Three lecture-recitation hours a week. Prerequisites: Mechanics of Engineering. Stresses due to dead, live, and wind loads, initial tension, and impact; panel loads and locomotive axle load 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.

Spring.

36. Concrete Construction.

Juniors: Six laboratory hours per week. 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.

Spring.

37 and 38. Bridge Design.

Seniors: Three lecture-recitation hours and nine hours of drawing a week. Prerequisite: Bridge Stresses. Computations and drawings for the complete design of a riveted railroad bridge of six or seven panels, the stresses from 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 systematical 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 of the span.

Autumn, Winter.

39. Water Supply.

Seniors: Three lecture-recitation and two computing periods 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 development, structures, and working conditions, fire protection, and pumping. Several extensive problems are worked.

Autumn.

40. Steel Buildings.

Seniors: Three lecture-recitation and six drawing periods per week. The steel design of mill and office buildings riveted and pin connected trusses, etc.

Autumn.

41. Roads and Pavements.

Seniors: Two lecture-recitation and three field periods per week. Prerequisite: Elementary Surveying. Work consists of an examination of the prevailing methods of construction and maintenance of roads and pavements.

Winter.

42. Bacteriology.

Seniors: Two lecture-recitation and six laboratory hours per week. Prerequisites: Inorganic Chemistry, Sanitary Engineering and Water Supply. Interpretation of water analyses, sedimenta-

tion and aeration of water; sand filtration; mechanical filtration; chemical treatment of water and the relation of water supply to infectious diseases.

43. *Irrigation Engineering.*

Seniors: Two lecture-recitation and one computing period a week. Prerequisites: Water Supply and Bacteriology. 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.

Spring.

44. *Foundations.*

Seniors: Three lecture-recitation periods a week. Prerequisite: Materials of Construction. A course covering the general principles of foundation construction and the materials used.

Spring.

45. *Water Power Engineering.*

Seniors: Three lecture-recitation and six design hours a week. Prerequisite: Hydraulics. The design and construction of water power plants and irrigation works. Flow of rivers; rainfall and runoff; methods of development; hydraulic motors, power transmission; irrigation plans; water rights, irrigation law, etc.

Spring.

46. *Engineering Economics.*

Seniors: Four lecture-recitation hours a week. A study of the organization and relations of the various departments of industrial establishments both in the office and in the workshop. The conduct of accounts, the method of superintendence and compensating labor, the determination of the cost of production, etc. This course also considers the factors which enter into a determination of the depreciation of structures and the economic selection thereof.

Spring.

SPECIAL COURSES IN DRAWING

1. *Technical Drawing. (a).*

This course is arranged to meet the needs of students taking Dentistry. The course includes mechanical drawings, simple lettering, drawing of specimens and scientific apparatus. It is intended to develop the student's visual and mental apprehension of the physical aspects of objects and to enable him to make graphic records of them for scientific purposes.

2. *Technical Drawing. (b)*

This course is for students taking History, Geography and Sociology. It includes elementary mechanical drawing and lettering, black-board drawing in the illustration of lectures and laboratory notes. Map drawing and reading and the reproduction and enlargement of drawings.

3. *Mechanical Drawing. (c)*

One lecture-recitation period and five hours of drawing a week. Use of instruments; drawing of geometric figures in orthographic, isometric and cabinet projection; development of surfaces; working drawings, lettering, tracing, and blue printing.

4. *Freehand Drawing.*

Four hours of drawing a week. Expressing simple forms by lines and the application of the principles of Composition; drawing of historic ornaments; freehand perspective.

MECHANICAL ENGINEERING

1. *Forging.*

Freshmen: Six hours of work a week. Care of the forge fire, heating, drawing out, bending, upsetting, heading, swaging, welding, tool-dressing, tempering, etc. Omitted in 1919-1920.

Autumn.

2. *Foundry.*

Freshmen: Six 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. Omitted in 1919-1920.

Spring.

3 and 4. Empirical Design.

Sophomores. Nine hours of drawing a week. Prerequisites: Mechanical Drawing and Descriptive Geometry. Application of the work of the course in Mechanical Drawing 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.

Autumn and Winter.

5. Kinematic Design.

Sophomores. Nine hours of drawing a week. Prerequisite: Mechanism. Designing and laying out mechanical movements, cams, gear teeth, belting, etc.

Spring.

6 and 7. Mechanism.

Sophomores: Three lecture-recitation periods a week on the theory of mechanism, design of gear teeth and the theory and practice of designing valve gears for steam engines. Prerequisite: Plane Trigonometry.

Autumn and Winter.

8 and 9. Pattern Making.

Sophomores: Six hours of work a week. Prerequisite: Foundry exercises involving the use of woodworking tools and machines. Construction of patterns and core boxes from shop drawings.

Winter and Spring.

25. Thermodynamics.

Juniors: Five lecture recitation hours per week. Prerequisites: Physics 2 and Integral Calculus. 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.

Spring.

26, 27 and 28. Machine Design.

Juniors: One lecture-recitation period and six hours of drawing a week. Prerequisites: Empirical and Kinematic design, to be taken with

Mechanics of Engineering. Lectures and 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, punch shaper or special automatic machine is taken up in this course.

Autumn, Winter and Spring.

29 and 30. Machine Shop.

Juniors: Six hours of work a week. **Prerequisites:** Pattern Making and Forge Shop. A graded course in the mechanical processes including chipping, filing, use of measuring instruments, lathe, planer, shaper, drill press and milling machine work.

Autumn and Winter.

31. Engineering Design.

Seniors: One lecture-recitation and nine drawing periods a week. **Prerequisites:** Machine Design and Engineering Laboratory. The design and specifications of mills, factories, power plants, etc., including foundations, walls, floors, trusses, roofs and construction work in general; selecting and locating boilers and engines, arrangements of steam piping, etc.

Spring.

32 and 33. Engineering Laboratory.

Seniors: Six laboratory hours per week. **Prerequisite:** Steam Engineering. This course consists of laboratory work and written reports of steam-gauge tests, heating values of coal steam quality, measurements 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.

Winter and Spring.

ELECTRICAL ENGINEERING.

1. Applied Electricity.

Sophomores: Three lecture-recitation hours a week and three hours laboratory. An elementary course in applied electricity for beginners. The work consists of lectures, recitations and problems. **Required in Electrical Engineering and Mechanical Engineering.**

Spring.

25. *Direct Currents. Theory and Practice.*

Juniors: Three lecture-recitation hours a week and three hours laboratory. Prerequisite: Physics 2. Electrical Engineering 1. A study of the fundamental principles of electricity and magnetism and their application to direct current machinery.

Autumn.

26. *Direct Currents. Theory and Practice.*

Juniors: Winter.

A continuation of Electrical Engineering 25.

27. *Direct Currents. Theory and Practice.*

Juniors: Spring.

A continuation of Electrical Engineering 26.

28. *Direct Currents.*

Three lecture-recitation hours a week and three hours laboratory. Prerequisite: Physics 2. A short course designed to meet the needs of students not specializing in Electrical Engineering.

Autumn.

29. *Alternating Currents.*

Seniors: Three lecture-recitation hours a week and three hours laboratory. Prerequisite: Electrical Engineering 28. A short course in the principles of alternating currents designed to meet the needs of students not specializing in Electrical Engineering.

Winter.

30. *Alternating Currents.*

Seniors: Four hours class room work per week and six hours laboratory per week. Prerequisite: Electrical Engineering 27. A mathematical and graphical treatment of periodic functions as exemplified in alternating currents with the attendant phenomena of inductance, capacity, etc., singly and in combination.

Required in the Electrical Engineering course.

Autumn.

31. *Alternating Currents. Theory and Machinery.*

Seniors: Four hours of class room work per week and six hours of laboratory work per week. Prerequisite: Electrical Engineering 30. A mathematical and graphical treatment of alternating current

phenomena as applied to electrical machinery. A study is made of the different types of alternating current machinery.

Required in the Electrical Engineering course.

Winter.

32. *Alternating Current Machinery.*

Seniors: Prerequisite: Electrical Engineering 30. A continuation of Electrical Engineering 31. The work in the laboratory consists of advanced direct and alternating current testing of motors, generators, transformers, rectifiers, etc.

Spring.

33. *Electrical Engineering Design.*

Seniors: One lecture-recitation hour and six hours of design per week. Prerequisite: Electrical Engineering 28. A course 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 devoted to the study of the materials entering into electrical construction.

Autumn.

34. *Electrical Engineering Design.*

Seniors: Prerequisite: Electrical Engineering 25. A continuation of Electrical Engineering 33.

Winter.

35. *Electrical Engineering Design.*

Seniors: Prerequisite: Electrical Engineering 25. A continuation of Electrical Engineering 34.

Spring.

36. *Electric Traction.*

Seniors: Three lecture-recitation hours per week. Prerequisite: Electrical Engineering 27. This course consists of the study of electric traction from the engineering and economic point of view and in the solution of practical problems.

Required in the Electrical Engineering course.

Autumn.

37. *Electric Traction and Transmission.*

Seniors: Prerequisite: Electrical Engineering 13. A continuation

of Electrical Engineering 86; in addition transmission lines are studied.

Required in the Electrical Engineering course.

Winter.

88. *Electric Traction and Transmission.*

Seniors: Prerequisite: Electrical Engineering 14. A continuation of course Electrical Engineering 87. A portion of the time in this term is devoted to the study of Illumination.

Spring.

89. *Inspection Trips.*

Seniors: Visits for the purpose of inspection are made to the near by power plants in the city and to other industrial concerns. A report is required of each student. One trip each alternate week.

Required in the Electrical Engineering course.

Spring.

ARCHITECTURE.

1, 2 and 3. *Architectural Drawing and Design I.*

Freshmen: Nine hours. Exercises (a) instrumental drawing, (b) pen and pencil drawing, (c) brush work, (d) lettering; with particular application to architectural subjects, and (e) problems in elementary design. These problems are co-ordinated to the lectures in *The Elements of Architecture*.

Autumn, Winter and Spring.

4. *Elements of Architecture.*

Freshmen: Six hours; second term, three hours. Lectures on the Five Orders, their affiliated forms and derivatives and other elements of Renaissance design, accompanied by exercises in drawing and rendering. Lectures on Architectural Features, Wall treatments, Arches, Vaults, etc., treated with reference to their employment in Architectural Composition.

Autumn.

5. *Shades and Shadows.*

Freshmen: Six hours. Lectures and exercises with especial emphasis upon the theory to Descriptive Geometry as involved in problems relating particularly to architectural practice.

Spring.

6 and 7. *Architectural Design II.*

Sophomores: Nine hours. Exercises in Architectural composition and in rendering, involving the application of the principles of architectural drawing. Sketch problems in the elementary design of the small ensemble.

Autumn and Winter.

8. *Architectural Design III.*

Sophomores: Nine hours. Problems in elementary design of the small ensemble and in the design of architectural motifs; two to three weeks each.

Spring.

9. *Perspective.*

Sophomores: Three hours. Lectures and exercises with especial emphasis upon the theory of Descriptive Geometry and shades and shadows involved in problems relation particularly to architectural practice.

Winter.

10. *Freehand Drawing I.*

Sophomores: Six hours. Outline representatives of simple objects in groups, as exercises in developing the powers of observation as well as training the hand. Elementary drawing in charcoal from grouped objects and from casts, etc., as exercises in representations of the third dimension.

Autumn.

11. *Freehand Drawing II.*

Sophomores: Six hours. Drawing in charcoal from casts of architectural ornament, architectural fragments, and parts of figures.

Spring.

12. *Ancient Architectural History.*

Sophomores: Five hours. From the prehistoric age to the fall of the Roman Empire.

Winter.

13. *Mediaeval Architectural History.*

Sophomores: Five hours. From the fall of the Roman Empire to the Fifteenth Century.

Spring.

14 and 15. *Carpentry Construction.*

Sophomores: Four hours. Nature and properties of woods used in buildings. Principles of joinery as applied to heavy framing and interior trimming.

Winter and Spring.

25, 26 and 27. *Architectural Design IV.*

Juniors: Twelve hours. Problems in (a) the design of component motifs of architectural composition, (b) the design of the ensemble; three to four weeks each. One day sketch problems in decorative architecture.

Autumn, Winter and Spring.

28. *Freehand Drawing III.*

Juniors: Six hours. Drawing from motifs in historic ornament, involving composition.

29. *Freehand Drawing IV.*

Seniors: Nine hours. Charcoal drawing from reproduction of antique figures and from life.

Autumn.

30. *Water Color Drawing.*

Juniors: Six hours. Exercises in the handling of the medium and in translation of color.

Autumn.

31. *Renaissance and Modern Architectural History.*

Juniors: Four hours. From Brunelleschi to the close of the Nineteenth Century.

Winter.

32. *History of Painting.*

Juniors: Two hours. A course of lectures upon the History of Painting.

Winter.

33. *History of Sculpture.*

Juniors: Two hours. A course of lectures upon the History of Sculpture.

Winter.

34. *Masonry and Iron-Work.*

Juniors: Twelve hours. Nature and properties of materials used in mason work. Masonry and ordinary foundations; iron work, steel work; concrete work. Lectures and drawing.

Autumn.

35, 36, and 37. *Architectural Design V.*

Seniors: Eighteen hours. Problems in the composition of the ensemble, four or five weeks each; in plan composition, and in the composition of interiors. One day sketch problems in plan composition.

Autumn, Winter and Spring.

38, 39, and 40. *Theory of Design.*

Seniors: Three hours. Theory of design as applied to architectures.

Autumn, Winter and Spring.

41. *Foundations of Buildings.*

Seniors: Three hours. Consideration of special problems relating to foundations for heavy buildings. Pile foundations. Grillage. Masonry wells and caissons, cantilever foundations. Foundations under water.

Winter.

42. *Specifications, Estimates and Contracts.*

Seniors: Four hours. General and special classes of architects' specification for the different kinds of material and labor. Forms of contracts and their relations to building operations. Examination and comparison of typical and model forms. Methods of estimating cost of labor and materials for the different kinds of architectural construction.

Spring.

43 and 44. *Water Color Rendering.*

Seniors: Four hours. Studies in the rendering first, of architectural objects and second, of photographic subjects.

Winter and Spring.

45. *Professional Ethics and Practice.*

Seniors: Two hours. Aspects and problems of practice; pro-

professional ethics, competitions, preliminary cost computations, utilities in the planning of schools, libraries, court-houses, etc.

Spring.

Materials of Construction.

Juniors: See courses in Civil Engineering.

Mechanics of Engineering.

Juniors: See courses in Mechanical Engineering.

Heating and Ventilating.

Juniors: See courses in Mechanical Engineering.

AGRICULTURE

1, 2 and 8 *Agricultural Botany.*

Freshmen: Three hours. This course will take up the elements of Plant Physiology as applied to growth of farm crops. A study of representatives of the principal groups from the evolutionary standpoint.

Autumn, Winter and Spring.

6, 7 and 8. *Agronomy.*

Freshmen: Three hours. The course in Agronomy aims to give a thorough understanding of the general and scientific principles which underlie the production of farm crops, and to prepare students for instructional and research work in Agronomy.

Autumn, Winter and Spring.

9, 10 and 11. *Horticulture I.*

Freshmen: Twelve hours. This course aims to cover the general field of fruit growing, vegetable gardening and floriculture; it furnishes the foundation for special study of any particular crop which the student may wish to pursue further. Three credits.

Autumn, Winter, and Spring.

12. *Economic Entomology.*

Sophomores: Three hours. Fundamental principles of insect life, with special reference to its economic importance. Identification, anatomy, development, life histories, habits and distribution of insects; also their relation to each other, to other animals and to

plant life. Technical study of a limited number of representative forms of insect pests and remedies for their control.

Spring.

13. *Landscape Gardening.*

Sophomores: Twelve hours. Principles underlying the ornamentation of public and private grounds. Plant studies.

Spring.

14. *Agricultural Chemistry 1.*

Sophomores. Three hours. Prerequisite: Inorganic Chemistry. Autumn.

15. *Agricultural Chemistry 2.*

Sophomores: Three hours. Prerequisite: Agricultural Chemistry 1. This is a course in Agricultural Analysis.

Winter.

16. *Agricultural Chemistry 3.*

Sophomores. Three hours. Prerequisite: Agricultural Chemistry 1 and 2. Course in Plant, Dairy and Animal Chemistry.

Spring.

25, 26, and 27. *Horticulture II.*

Juniors: Three hours. Specialized courses in horticulture.

Autumn, Winter and Spring

28. *Bacteriology I.*

Seniors: Three hours. A general course in the fundamental principles of bacteriology, laboratory training in cultural and microscopic technique.

Autumn.

29. *Bacteriology II.*

Seniors: Three hours. Deals with the relation of microorganisms of soil problems.

Winter.

30. *Bacteriology III.*

Seniors: Three hours. Deals with the fundamental principles upon which are based sanitary production and handling of milk, cream ripening, etc.

Spring.

ELECTIVES TO BE CHOSEN FROM THE FOLLOWING GROUP.

FREEHAND DRAWING.
 MECHANICAL DRAWING.
 PLANT PATHOLOGY.
 PLANT PHYSIOLOGY AND BREEDING.
 SCHOOL ADMINISTRATION.
 TRUCK FARMING.
 FARM CROPS.
 PRINCIPLES OF EDUCATION.
 AGRONOMY (SPECIAL CROPS).
 AGRICULTURAL EDUCATION.
 HISTORY OF AGRICULTURAL DEVICES.

HOME ECONOMICS

1 and 2. *Foods and Cookery.*

Freshmen: Six hours. 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. The course is required of all candidates for Home Economics degrees, diplomas and certificates.

Winter and Spring.

3. *Household Management.*

Freshmen: Twelve hours. This course centers about the home, its evolution, history and place in society; its furnishing, decoration, sanitation and care; its management, the division of work and income, marketing and accounts; methods of cleaning. Laboratory practice in laundering; removal of stains, cleaning of laces, silk and other delicate fabrics.

Spring.

4 and 5. *Garment Making and Elementary Dressmaking.*

Freshmen: Nine hours. This course covers the designing and making (from bought and drafted patterns) of all kinds of under-

garments, shirtwaist-suits of cotton and linen goods, unlined dresses of wash-goods, soft wool and silk, with a careful selection of chosen material and the combination for trimming. Open to persons who can present evidence of ability to do the required work. In this course, practice is also given in taking measurements, drafting, draping, and making of patterns. Through it the students learn from the body how patterns are made. The alteration of any pattern so as to conform it to changing styles.

Autumn and Winter.

6. *Basketry and Weaving.*

Freshmen: Nine hours. This course consists of the making of rattan, reed, rush, raffa, sweet grass, and splint baskets; study of materials used; rug weaving, etc.

7. *Costume Design.*

Freshmen; Four hours. Study of historic costume, and its relation to modern dress standards of beauty, of practicability. Also a study of line, proportion, form and color in gowns, and their relation to individuals; considerations of cost and appropriateness.

Spring.

8, 9 and 10. *Design.*

Freshman: Four hours. 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 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. Required of all candidates for degrees.

11. *Home Nursing.*

Sophomores: Three hours. This course includes lectures in general home nursing and care of children with demonstrations and opportunities for practice in care of patients, bathing of infants and first aid emergencies. Laboratory periods include the preparation and service of food for the sick and convalescent, for the infant and growing child. This course is based on the foundation of Foods and Cookery.

Spring.

12. *Servng.*

Sophomores: Four hours. 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. Spring.

13. *Food Production and Manufacture.*

Sophomores: Five hours. 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. Autumn.

16. *Theory of Teaching Domestic Science.*

Sophomores: Two hours. A course of lecture-recitations. Experience obtained in Public Schools of Washington, D. C. Autumn.

17. *Practice Teaching.*

Sophomores: Autumn.

18 and 19. *Millinery and Needlework.*

Sophomores: Six hours. This course includes the making and covering of wire and buckram frames; the choice and combination of colors; the preparation of trimmings; renovation of materials; trimming and finishing of hats; flower making, etc. 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. Winter and Spring.

20 and 21. *Dressmaking.*

Sophomores: Six hours. The making of lingerie and silk waists and lined evening dresses from original designs and drafts. Autumn and Spring.

Autumn and Spring.

22. Theory of Teaching Domestic Art.

Sophomores: Two hours. A course of lectures and recitations.
Winter.

23. Practice Teaching.

Sophomores: Winter.

Organic Chemistry.

Juniors: See Department of Chemistry.

25. Demonstration Cookery.

Juniors: Three hours. 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. Required of all candidates for degrees.

26. Experimental Cookery.

Juniors: Three hours. 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.

Spring.

27 and 28. Tailoring.

Juniors and Seniors: Nine hours. The making of tailored dresses and suits. This course also provides an opportunity for the student to present publicly problems in tailoring.

Autumn and Spring.

29. Dietetics.

Seniors: Five hours. A study of the food principles and their combination with reference to the requirements of age, sex, occupation, physical and physiological conditions, climate surroundings, aesthetics; planning suitable food for individuals and groups, for all conditions and occasions; regulating the cost of food; economy of time, labor, and expense. This course will also offer special training for all who wish to become Dietitians and will provide practice work with lectures, laboratory work, and quizzes. Text: Sherman's Chemistry of Food and Nutrition.

Autumn.

30. *Institutional Cookery.*

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

Spring.

31. *History of Textiles.*

Seniors: Two hours. 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 fabrics, durability, comparative costs, uses.

Spring.

32. *Household Bacteriology.*

This course is designed to give the pupil a larger acquaintance with the 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. Six hours for one quarter. Buchanan's "Household Bacteriology" will be used as a text.

33. *Household Chemistry.*

Two hours classroom work and two three-hour laboratory periods a week. Prerequisite: Chemistry 1, 5, and 6.

Autumn, ASSISTANT PROFESSOR ADAMS.

34. *Household Chemistry.*

A continuation of Chemistry 25. Two hours of classroom work and two three-hour laboratory periods a week.

Winter, ASSISTANT PROFESSOR ADAMS.

THE SCHOOL OF MUSIC

Lulu Vere Childers, Director; Professor of Singing

The aim of the School of Music of Howard University is to train musicians in the steps of liberal culture which cannot be found under most private studio teachers of music. It endeavors also to thoroughly ground students in the social sciences and the literature of modern languages that they may draw on other fields for that power adequate to their full development.

The affairs of the School of Music are administered by the President of the University, the Registrar, the Director of the School of Music, and the instructors offering courses in the School of Music.

Admission to the School of Music is governed by the regulations obtaining in all of the schools of the University. Students who have not had four years of preparatory training or its equivalent so as to meet these requirements for admission to the University cannot be admitted to courses leading to a degree. They may, however, be accepted as candidates for a certificate.

The degree of Bachelor of Music is given by the University to such students as have satisfactorily completed the course in music with not less than nine units nor more than fourteen in one department and six units in another department.

Students working for this degree are required to take three courses besides the History of Music, two of which are Pianoforte, and Theory. The third, an elective, may be Organ, Singing or Violin.

All students are required to complete two units of English and Voice students must complete six units of French, four units of German, and three units of Italian. Piano and Violin students must complete four units of German.

It is only in rare instances that this degree is attained in less than four years. In such cases students must have exceptional ability. The necessary requisites for the degree are as follows:

- (a) Musical talent
- (b) Ability to concentrate
- (c) Physical strength to undergo hours of efficient daily study.

Attendance on all recitals and participation in some of them is required. Each student must give a creditable recital in the major study and must have a teaching knowledge of a second study.

DESCRIPTION OF COURSES

THEORY COURSE

FIRST YEAR.

Solfeggio 1. Musical notation, keys, scale signatures, intervals, triads. Sight singing and dictation. Ear-training.

Solfeggio 2. Ear-training. Recognition by ear of chromatic intervals, triads in their inversions. Dictation and sight singing exercises with simple modulations.

SECOND YEAR.

Solfeggio 3. Sight singing and dictation in difficult rhythms and distant modulations. Ear-training. Triads in all inversions and seventh chords.

Solfeggio 4. Continuation of work in above course more intricate rhythms, modulations, transposition etc. Sight singing and dictation from choral works by Bach, Beethoven, Mendelssohn etc.

Harmony 1. Harmonizing basses and melodies employing all the triads and dominant sevenths with inversions in both major and minor. Keyboard harmony similar to written work.

Harmony 2. Chords of the seventh and dominant ninth and inversions with modulations and transposition both for written work and keyboard harmony, choral melodies and basses and modulation. Original work.

THIRD YEAR

Harmony 3. Chromatic passing tones, altered chords enharmonic changes, irregular resolutions of dominant seventh employed in diatonic and modulation exercises. Non-harmonic tones. Keyboard harmony. Original work.

Harmony 4. The obligato melody, pedal or organ point, melodic figuration, harmonizing florid melodies, accompaniments. The chromatic scale harmonized and the figured choral. Original work.

FOURTH YEAR

Harmonic Analysis 1. Diatonic harmonies and simple modulation. Non-harmonic tones in detail.

Harmonic Analysis 2. Modulation in general altered chords etc. Analysis of Wagner Opera Scores and Modern Compositions.

Counterpoint 1 and 2.

Formal Analysis 1 and 2. A course in strict counterpoint together with original work in part writing.

The theory course throughout requires three hours a week in class with credit for four hours and presupposes three hours preparation for each hour of class work.

PIANOFORTE

In the courses in Theory and History of Music, all students follow the same general plan, while instruction in piano playing makes it necessary for the teacher to study the needs of each individual pupil. The purpose is to give a thorough technical foundation and at the same time cultivate that musical feeling which is so necessary to the development of true musicianship. The works of the best masters are studied through all grades of advancement. This contributes toward the development of the emotional and intellectual faculties as well as the technical; thus the student grows in taste and understanding of all that constitutes artistic performance.

CHILDREN'S DEPARTMENT

Private lessons are given in piano playing. All students are required to do class work. The training of the eye, ear, and hand to complete the development of the essential musical study can best be done in classes.

DEPARTMENT FOR TRAINING OF TEACHERS

Every student is required to do at least one year's teaching before receiving his degree.

Semi-weekly lectures on modern methods of teaching children from the age of nine years to fourteen years. Observation work of classes in which children are taught harmony, ear-training, rhythm and music biography. Practice teaching.

ORGAN

The Organ Course is designed to give its students a thorough and practical education as church organist, choir master or concert organist.

The course provides complete theoretical and technical equipment for the organist both as leader and as accompanist. The course also comprises a study of the rendition and selection of hymns, services and anthems with the general principles in interpretation for the practical training of the choir, study in improvisation being included.

It is also the aim to give a comprehensive repertoire of such pieces of modern organ composers as have demonstrated their permanent artistic value together with the classics of Bach, Handel and others. Special attention is given throughout the entire course to the study of registration.

This course is open to all students who are at least in the intermediate grade in pianoforte.

PUBLIC SCHOOL MUSIC

The Public School Music Course is designed to give thorough and practical training to all students in the School of Education.

Specific training is given in Public School Music methods, sight singing, ensemble practice, elementary harmony and ear training both for the development of the individual and for teaching purposes. Definite experience in the planning of outlines for the various grades, chorus conducting, the care and development of children's voices.

The course will require two years at two hours a week, one year at four hours per week.

VOCAL COURSE

In voice building the best features of all methods are adopted. 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.

First Year: Principles of breathing as taught by Shakespeare and Sieber, tone production, voice placing. Shakespeare, Book I and II. Concone opus II, vol. 294. Sieber, opus 92, vol. III. French, German, English and psychology.

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

Third Year: Shakespeare, Book III. Concone, opus 12, vol. 275. Panofka, opus 81, vol. 76, op. 85, vols. 295, 296. Oratorio and songs. German and French songs. French, Italian and English.

Fourth Year: Italian and French songs. Oratorio and Opera. Senior Recital.

VIOLIN COURSE

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, with further development in all the principles of the art of keeping pace with the position studies. More advanced technical studies are supplemented by solos, sonatas, and concert pieces. Through all stages of the course emphasis is placed upon tone quality and intonation.

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. All students are prepared for the ensemble class through duet playing, by using the duets of Pleyel, Jansa, DeBeriot, and others.

The course is based on the Sevcik technic, and in addition the following technical studies are used: Wichl's and Ries' methods. Studies by Wohlfahrt, Kayser, Mazas, Kreutzer, Rode, Fiorillo. Gavinies, scales in two and three octaves and broken chords with various bowings.

Solo works are used as follows: Seitz's Pupil's Concertos, Pleyel Sonatines, Danclas' *Airs Variés*, and modern compositions from the works of Hans Sitt, Wieniawski and other recognized writers for the violin, and solo pieces of various grades of difficulty.

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.

HOWARD UNIVERSITY

FOUR YEAR COURSES

Howard University has given definite classification to its highest music courses. The system, grades, and credits established at the best conservatories of music have been adopted, and are given below for each major study. That 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 number for which a student may expect to receive passing grades. Each course leads to the degree of Bachelor of Music.

VOICE

FIRST YEAR

Voice—1 hr. daily practice -----	2	2	4
Piano—3 hrs. daily practice -----	6	6	12
Language Course -----	2	2	4
Theory -----	3	3	6
Electives -----	1	1	2
			—
			28

SECOND YEAR

Voice—2 hrs. daily practice -----	4	4	8
Piano—2 hrs. daily practice -----	4	4	8
Language -----	2	2	4
Theory -----	3	3	6
History of Music -----	3	3	6
Electives -----	1	1	2
			—
			34

THIRD YEAR

Voice—2 hrs. daily practice -----	4	4	8
Piano—2 hrs. daily practice -----	4	4	8
Language -----	2	2	4
Theory -----	3	3	6
Choir and Musical Union, required -----	1	1	2
			—
			28

THE SCHOOL OF MUSIC

203

FOURTH YEAR

Voice—private lessons	6	6	12
Recital in Major Study			8
Choir and Musical Union, required.....	1	1	2
Electives	4	4	8
			30
Total hours			120

PIANO

FIRST YEAR

Piano—3 hrs. daily practice	6	6	12
2nd Study—Voice, Organ, Violin, etc., 1 hr. daily practice		2	4
Theory	3	3	6
Electives	3	3	6
			28

SECOND YEAR

Piano—3 hrs. daily practice	6	6	12
2nd. Study—1 hr. daily practice	2	2	4
Theory	3	3	6
History of Music	3	3	6
Electives	5	5	10
			30

THIRD YEAR

Piano—3 hrs. daily practice	6	6	12
2nd. Study—1 hr. daily practice	2	2	4
Theory	3	3	6
Electives	5	5	10
			32

FOURTH YEAR

Piano—Private lessons	6	6	12
Recital in major study			8
Electives—4 hrs. of this if desired, a recital in 2nd Study			10
			30
Total hours			120

HOWARD UNIVERSITY

ORGAN

FIRST YEAR

Organ—1 hr. daily practice -----	2	2	4
Piano—3 hrs. daily practice -----	6	6	12
Theory -----	3	3	6
Electives -----	3	3	6

—
28

SECOND YEAR

Organ—1 1-2 hr. daily practice -----	3	3	6
Piano—3 hrs. daily practice -----	4	4	8
Theory -----	3	3	6
History of Music -----	3	3	6
Electives -----	1	1	2

—
32

THIRD YEAR

Organ—2 hrs. daily practice -----	4	4	8
Piano—2 hrs. daily practice -----	4	4	8
Theory -----	3	3	6
Electives — preferably instrumentation for 6 hrs. of this -----	4	4	8

—
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

—
30

Total hours -----120

VIOLIN

FIRST YEAR

Violin—3 hrs. daily practice -----	6	6	12
Piano—1 hr. daily practice -----	2	2	4
Theory -----	3	3	6

Prep. Ensemble—2 hrs. a week -----	1	1	2
Electives -----	3	3	6

—
30

SECOND YEAR

Violin—3 hrs. daily practice -----	6	6	12
Piano—1 hr. daily practice -----	2	2	4
Theory -----	3	3	6
History of Music -----	3	3	6
Ensemble or Orchestra, required -----	1	1	2

—
30

THIRD YEAR

Violin—private lessons -----	6	6	12
Piano—1 hr. daily practice -----	2	2	4
Theory -----	3	3	6
Orchestra—required -----	1	1	2
Electives -----	3	3	6

—
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

—
30

Total -----120

GENERAL INFORMATION

The charges for lessons and use of piano are payable by the quarter in advance. All students are required to take two lessons a week, except by express permission of the Director. No student is allowed to drop music within a quarter. No deduction will be made for lessons that are missed on account of holidays or for any cause except when lessons are missed censecutively for a month or more on account of sickness, and then only on a physician's

certificate. Notice of such sickness should be sent to the Director of the School of Music as soon as it occurs.

Students are not allowed to join any organization outside the School of Music without permission of the Faculty.

UNIVERSITY MUSICAL ORGANIZATIONS

The University Choral Society.

One hour rehearsal twice a week throughout the year.

The University Boys' Glee Club.

One hour rehearsal twice a week throughout the year.

The University Girls' Glee Club.

One hour rehearsal twice a week throughout the year

The University Choir.

One hour rehearsal twice a week throughout the year

THE SCHOOL OF GENERAL SERVICE

The School of General Service comprises the Library Training Class, the Department of Physical Education including the Department of Military Instruction with the Reserve Officers' Training Corps.

The work in Military Training is an integral part of the course in Physical Education and subject to the control of that department. The affairs of the School of General Service are administered by the President of the University, the Registrar, the Director of the School of General Service, and the instructors offering courses in the School of General Service.

The requirements for admission are the same as the regular admission requirements of the University. Work in Library Science satisfactorily done elsewhere may be accepted as meeting the University requirements. A student's military training in the preparatory school will count as credit toward meeting the requirements in the Reserve Officers' Training Corps, if such training has been sufficient to reach an objective.

The course in Library Training is elective, but all students are required to take the course in physical education and all men to take military training for two years. Students who fail to comply with this rule may not graduate, unless excused because of physical disability.

The work of the School of General Service does not lead to a degree, but the instruction offered in military training enables the student to meet certain requirements for a commission in the United States Army. Courses essentially mathematical and scientific may be accepted as meeting requirements for degrees in one of the Senior Schools when such an understanding has been reached beforehand by the instructor in charge and the Dean of the particular Senior School.

LIBRARY TRAINING CLASS

EDWARD CHRISTOPHER WILLIAMS, *Director*

In response to the rather insistent, if somewhat limited demands particularly from the South, for opportunities for library training,

and in furtherance of its purpose eventually to offer instruction in library science which shall meet the standards set by the American Library Association, the University will accept a limited number of students as members of a library training class. These students will receive full class instruction in reference work, bibliography, and the criticism and selection of books, and such instruction in shelf-listing, classification, cataloguing, and the other technical processes, as may be given without detriment to the daily routine work of the University Library. The minor processes of every-day work will be learned by observation, and by doing actual work under supervision. The work in its present form is designed primarily for persons already engaged in library work, or fitting themselves for a definite position. The course, if followed earnestly, should fit the student for the management of a small school library or for intelligent work as assistant in a larger library.

Candidates for this class must be graduates of accredited high schools, or must be able to show equivalent preparation. As not more than six students can be accommodated during the coming year, application should be made early. Address all communications to The Librarian, Howard University. An outline of the courses follows:

Reference Work. A study of the standard works of reference, as the general and special cyclopedias, dictionaries, annuals, indexes to periodicals, ready reference manuals, and the more important newspapers, periodicals, and public documents. Works of a similar scope are compared, and the limitations of each pointed out. Lists of questions to be solved by the use of the works studied are given, and the methods of finding the answers discussed in class. The aim of this course is not only to promote familiarity with a considerable number of well known reference works, but also to give the student some idea of method in handling books, to familiarize him with the use of indexes, tables of contents, and varying forms of arrangement, and, finally, to suggest methods of comparison and evaluation. 43 hours.

Bibliography. (a) A study of the trade and national bibliography of the United States and England, with a hasty survey of France, Germany and the other European countries. Familiarity with the works studied is obtained through the solution of practical problems. (b) A brief resumé of general and subject bibliography. 15 hours.

Public Documents. A brief survey of the publications of the government, chiefly from the standpoint of reference work and bibliography. A special point will be made of the value of government publications to the small library with a limited income. 10 hours.

Criticism and Selection of Books. A weekly reading seminar, in which will be attempted a hasty survey of the literature of certain important subjects; a study of well known types in the book world; the evaluation of books with relation to certain types and grades of readers; the writing of book annotations, and the study of book reviews. 32 hours.

Practical Work. The class work outlined above will be vitalized at all points by the experiences of actual work with readers in the University Library. These experiences will be discussed freely during class periods in an attempt to make the work of each student contribute to the knowledge of all the rest.

Technical and Administrative Courses. As is set forth above, these courses will be made as full as the exigencies of the regular work of the Library will allow, but it is impossible at this time to assign the number of hours which will be allotted to each subject.

Other Work. Students will be encouraged to take advantage of the courses in German, French, and Spanish offered by other departments of the university, as far as they may do so without encroaching upon the time needed for their regular work. Instruction in typewriting will be given to all those needing it.

COURSE IN PHYSICAL EDUCATION

Mr. Robinson and Miss Tuck

Purpose:

This course is intended to remedy common physical defects, to foster vigorous health, and to give endurance and self-control; it also seeks results more directly educational and disciplinary than these. The whole man is reached through his motor activities.

PLAN:—The work of this department may be organized under these heads:

A. Hygienic.

- (1) To develop form.
- (2) To correct undeveloped or deformed parts.

B. Educative.

- (1) To gain mental and moral self-control.
- (2) To develop muscular strength and endurance.

C. Recreative.**COURSE BY YEARS, FOR MEN****FRESHMAN YEAR***Autumn Quarter*

	Hrs.
(1) Hygiene and Physiology -----	1
(2) Physical Education -----	1
(10) Military Drill -----	2
(11) Military Lecture -----	1

Winter Quarter

(1) Hygiene and Physiology -----	1
(2) Physical Education -----	1
(10) Military Drill -----	2
(11) Military Lecture -----	1

Spring Quarter

(1) Hygiene and Physiology -----	1
(2) Physical Education -----	1
(10) Military Drill -----	2
(11) Military Lecture -----	1

SOPHOMORE YEAR*Autumn Quarter*

(8) History and Literature of Physical Education -----	1
(2) Physical Education -----	1
(10) Military Drill -----	2
(11) Military Lecture -----	1

Winter Quarter

(8) History and Literature of Physical Education	1
(2) Physical Education	1
(10) Military Drill	2
(11) Military Lecture	1

Spring Quarter

(8) History and Literature of Physical Education	1
(2) Physical Education	1
(10) Military Drill	2
(11) Military Lecture	1

JUNIOR YEAR

Autumn Quarter

(4) Theory of Athletic Sports and Training	1
(5) Practical Work	1
(10) Military Drill	3
(11) Military Lecture	2

Winter Quarter

(4) Theory of Athletic Sports and Training	1
(5) Practical Work	1
(10) Military Drill	3
(11) Military Lecture	2

Spring Quarter

(4) Theory of Athletic Sports and Training	1
(5) Practical Work	1
(10) Military Drill	3
(11) Military Lecture	2

SENIOR YEAR

Autumn Quarter

(5) Practice Work and Teaching	1
(10) Military Drill	3
(11) Military Lecture	2
6 and 7) Physical Examination and Prescription of Exercises ..	1

Winter Quarter

(5) Practice Work and Teaching	1
(10) Military Drill	3
(11) Military Lecture	2
(6 and 7) Physical Examination and Prescription of Exercises ..	1

Spring Quarter

(5) Practice Work and Teaching	1
(10) Military Drill	3
(11) Military Lecture	2
(6 and 7) Physical Examination and Prescription of Exercises ..	1

COURSE FOR WOMEN

AIM:—To prepare women as directors and teachers of Physical Education for Public Schools, Academies, Normal Schools, Colleges, and Young Women's Christian Associations.

FRESHMAN YEAR

Autumn Quarter

	<i>Hr.</i>
(1) Physiology and Hygiene	1
(2) Physical Education	1

Winter Quarter

(1) Physiology and Hygiene	1
(2) Physical Education	1

Spring Quarter

(1) Physiology and Hygiene	1
(2) Physical Education	1

SOPHOMORE YEAR

Autumn Quarter

(3) History and Literature of Physical Education	1
(2) Physical Education	1

Winter Quarter

(3) History and Literature of Physical Education	1
(2) Physical Education	1

Spring Quarter

(3) History and Literature of Physical Education -----	1
(2) Physical Education -----	1

JUNIOR YEAR

Autumn Quarter

(9) Anatomy -----	1
(8) Theory of Play and Games -----	1
(5) Practical Work -----	1

Winter Quarter

(9) Anatomy -----	1
(8) Organization and Administration of Play -----	1
(5) Practical Work -----	1

Spring Quarter

(9) Anatomy -----	1
(8) Practical Work -----	1
(5) Practical Work -----	1

SENIOR YEAR

Autumn Quarter

(6 and 7) Physical Examination and Diagnosis -----	1
(5) Practical Work and Teaching -----	1

Winter Quarter

(6 and 7) Physical Examination and Diagnosis -----	1
(5) Practical Work and Teaching -----	1

Spring Quarter

(6 and 7) Physical Examination and Diagnosis -----	1
(5) Practical Work and Teaching -----	1

DESCRIPTION OF COURSES

1. The course is intended to acquaint the student with the results of modern physiological research, in so far as they explain the workings of the human body, and with the factors and conditions which cause disease or promote the health of individuals and communities. The work is supplemented by lectures and demonstrations.

2. In addition to regular graded gymnastic work, a certain part of which consists of work in gymnastics and group games, and in wrestling and fencing, teams for intercollegiate competition are organized in football, baseball, track, basketball and tennis. Class and department teams will be organized in as many branches of sport as possible. University championships will be decided that way; also contests to decide the all-round individual championship will be conducted annually.

3. Lectures and assigned reading on the history, theory and the rules of the most important games and athletic sports, with incidental practice under supervision. The best methods of coaching, training and managing athletic teams are also discussed.

4. The first part of the course consists of lectures on the physiological effects of muscular overwork, including fatigue, breathlessness, stiffness, and chronic overwork. The rest of the time is given to a careful study of the following; the objects of physical education and the results it is intended to secure.

5. Coaching indoor and outdoor games.

6 and 7. A study of the bearing of family and personal history on the present condition of the individual; the method of a systematic inspection to discover the variations from the normal. Lectures with demonstrations on methods of examining individuals in order to determine their physical condition; practical work in recording measuring tests and prescribing exercises to meet individual needs. Lectures on medical inspections of public schools and physically and mentally defective school children.

8. Theory of Play and Games, for women. Lectures, discussions and assigned reading on origin, meaning and educational value of play; the social and educational possibilities of outdoor sports; the playground movement; organization and conduct of playgrounds.

9. Anatomy. This course is a partial one, including the study of bones, joints and muscles, with constant use of illustrative material; also the study of nerves and blood vessels.

10. This course will include infantry drill, close and extended order, field fortifications, and ceremonies as laid down in United States Infantry Drill Regulations, and gallery and target practice

with small arms. Koehler's Manual of Physical Training will be used in physical drill. Instruction will be given in first aid and military sketching. Sand table work will be given in connection with the work in military sketching. In the fourth year stress will be laid upon the duties consistent with rank as cadet officers or non-commissioned officers with practice work and exercises laid down for the unit.

11. This is a lecture course covering in the first year the theory of target practice, individual and collective, military organization, map reading, service of security, and personal hygiene. The work of the second year concerns the general military policy as shown by military history of the United States and military obligations of citizenship, service of information and camp sanitation for small commands. The third and fourth years are devoted to studies in minor tactics, field orders, map maneuvers, company administration, recent military history, elements of international law and details of property accountability.

RESERVE OFFICERS' TRAINING CORPS

Major Dean and Captain Johnson

A unit of the Reserve Officers' Training Corps, Senior Division, has been established at this University and the enrollment in it for two years in the basic course is required of all physically fit male students as a prerequisite for a degree. The third and fourth years of the advanced course are elective. The object of this unit is to qualify students for commissions in the Officers' Reserve Corps by a systematic and standardized method of training. The course prescribed gives a sufficient amount of military training to prepare college men to perform intelligently the duties of commissioned officers in the military forces of the United States, and enables the student to train himself to meet the military obligations of citizenship with the least interference with his civil career.

The course in the Reserve Officers' Training Corps teaches scientific efficiency in handling men, material and supply; promotes a wholesome respect for authority and inculcates a spirit of patriotism. It engenders initiative and leadership, prepares the body for a vigorous life by building up a perfect physique properly co-

ordinated, and gives a proper appreciation of the principles of discipline which are courtesy, punctuality, truth and respect for self and others.

During the two years of military training in the *elective advanced course* the government pays the student commutation of rations not to exceed the amount per ration allowed enlisted men of the regular establishment. Attendance upon at least two of the summer camps is required. The government pays transportation to and from these camps and furnishes subsistence and tentage for cadets.

A gold medal is awarded the most proficient student in the Military Department.

Two regular army officers are assigned for duty with the Reserve Officers' Training Corps at this University.

AMOUNT OF WORK

The total amount of work in the Department of Physical Education is five hours a week. Three of these hours are devoted to military training and two to physical training.

The following schedule of work is arranged :

Drill for everybody	Monday
Lecture for one-third of the men	Tuesday
Physical training for one-third	Tuesday
* Physical training for one-third, afternoon	Tuesday
Lecture for one-third of the men	Wednesday
Physical training for one-third	Wednesday
* Physical training for one-third, afternoon	Wednesday
Drill for everybody	Thursday
Lecture for one-third of the men	Friday
Physical training for one-third	Friday
* Physical training for one-third, afternoon	Friday
Inspection of equipment and dormitories	Saturday

* To be arranged to suit the convenience of one-third of the students.

THE SCHOOL OF RELIGION

David Butler Pratt, Dean; Professor of Church History and Sociology

The School of Religion can receive no aid from the Government. It is practically unendowed. It is foremost in the work of training Christian ministers for the millions of colored people, not only in our Southland but also in Central and South America. Being interdenominational it has the cooperation of the great colored denominations in its increasing extra-mural service. For this work and for its very existence it depends on voluntary offerings from the Christian and patriotic public.

GENERAL STATEMENT

PURPOSE.

The primary purpose of the School of Religion is to prepare young men for the Gospel ministry, the special aim being to make effective preachers of the Word, successful pastors and wise leaders toward a higher spiritual life. The courses offered and the instruction given are also of great value in preparing for missionary service, Christian teaching, and social welfare work.

ADVANTAGES.

1. In its location at the capital of the nation. Washington supplies varied and healthful incitements to intelligent thought and the large-mindedness so desirable in those who are to be the leaders of the people. Its libraries, art collections and museums afford unrivalled opportunity for special research work. The great theological schools are now located in the cities. Here are the people and here are the largest opportunities for culture and development.

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.

3. In its inter-denominational character. The School of Religion is open without discrimination to students of all denominations.

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 students are taught the great fundamental doctrines common to all evangelical churches. 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 cooperation with their brethren for the advancement of the one common cause.

4. In its contact with the largest colored population in any city in the United States. This gives unequalled privileges to students to participate actively in local church work, social settlements and other institutions. All denominations are represented in Washington, so that each student can keep in close relationship with the church of his choice. Students are encouraged to join in the work of the local churches, in order to gain practical experience under the guidance of pastors.

5. In its student activities. Through the Livingstone Missionary Society and the Maynard Literary Society, both maintained by the members of the School of Religion, interest in missions is quickened and facility in literary expression is developed. Through the University Y. M. C. A. and other agencies, opportunity is given for personal work among a large number of younger students.

REQUIREMENTS FOR ADMISSION AND COURSES OF STUDY

Every candidate for admission to the School of Religion is expected to present testimonials from two responsible persons. His pastor and the principal of the school he last attended are preferred.

THE DIPLOMA COURSE

ADMISSION: Students are admitted to this course on certificates of graduation from some reputable high school or on passing a satisfactory examination. After completing the prescribed studies they will be recommended for graduation with a diploma.

COURSES OF STUDY: Courses are given in the following subjects:

Biblical Introduction	Systematic Theology
Bible History	Introduction to the History of Religion
English Exegesis	History of Religion
Elementary Hebrew	Church History
Hebrew Exegesis	History of Missions
Greek Exegesis	Homiletics
Sociology	Psychology of Religion
Social Service	Religious Education
Ethics	Pastoral Work
Introduction to Philosophy	Voice Culture
Introduction to Theology	

For details see the "Description of Courses."

CLASSICAL STUDIES: The School of Religion, while placing the emphasis upon the study of the English Bible, makes provision for the study of the languages in which the Bible was originally written. While the courses in Hebrew and Greek are not required, those students whose preliminary training is adequate will be permitted to enter upon the study of these languages and will be excused from such other class work as the Dean may determine. Hebrew and Greek are not taught by correspondence.

THE BACHELOR OF DIVINITY COURSE

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

COURSES OF STUDY: In class room work, this is substantially the same as in the Diploma Course, but extra theses and supplementary readings, equivalent to a half "Reading Course for the Degree of B. D." (see below) will be required each year.

NOTE: Resident students in the Diploma Course who attain an average in scholarship of 85 per cent or over in any quarter may, by vote of the Faculty, begin the readings for the degree of B. D. during term time and those whose yearly average is 80 per cent or over may begin this work during the summer vacation. All such students will be subject to the same conditions and will pay the same fees as correspondence students.

EVENING CLASSES

REGULATIONS: The entrance requirements, the courses given, credits for courses satisfactorily completed and the general regulations will be the same as for the day classes. Students completing the entire course will be graduated with a diploma or a degree upon the same terms as those in the day classes. Classes will be held on Monday, Tuesday, Wednesday and Friday of each week during the school year from 7:30 to 9:30 p. m. Thus eight hours of instruction per week, or approximately one half of the time required of day students, will be given. A student may transfer his work from the evening to the day classes and thus complete his course in a shorter time. No course will be given, however, unless a sufficient number of students enroll in it.

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 religion, correspondence study has been found particularly advantageous to the following classes:

(1) 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. (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 include the subjects of the general courses in the School of Religion (with the exception of the linguistic studies) and additional subjects for post-graduate work.

DIPLOMA BY CORRESPONDENCE STUDY: Candidates for a diploma may take part of their studies by correspondence, but at least one year, the senior year, if possible, must be spent in residence. Correspondence students, in addition to being examined upon the textbooks, etc., used in residence work, must submit to examinations in such other books as the Faculty may select as a partial substitute for class room lectures and discussions.

If a student is unable to spend a year in residence study, he may, by special vote of the Faculty, upon the satisfactory completion of the full course of study be awarded a correspondence course diploma.

B. D. BY CORRESPONDENCE STUDY: The following groups of persons are eligible to become candidates for the degree of B. D., and after fulfilling the conditions stated in each case will be recommended for graduation with the degree:

A. Graduates of the Howard School of Religion with a diploma. These will be awarded the degree of B. D. upon passing satisfactory examinations on the books required in any five full courses or the equivalent thereof. In case the candidate has credit for any college work, one full course less will be required for each year of such college work, save that a minimum of three half courses must be taken.

B. Graduates of other similar schools or those whose attainments are equivalent to those required for our diploma. These will be awarded the degree of B. D. upon passing satisfactory examinations on the books in any six full courses or the equivalent thereof. In case the candidate has credit for any college work, one full course less will be required for each year of such college work.

READING COURSES FOR THE DEGREE OF B. D.

I. A. OLD TESTAMENT INTRODUCTION

An Introduction to the Old Testament—Creelman.
The Literature of the Old Testament—Moore.
The Origin and Permanent Value of the Old Testament—Kent.
How God Inspired the Bible—Smith.
The Problem of the Old Testament—Orr.
Old Testament History—Wade.

HOWARD UNIVERSITY**I. B. OLD TESTAMENT EXEGESIS**

The Doctrine of Sacred Scripture, 2 Volumes—Ladd.
 Ruling Ideas in Early Ages—Mozley.
 Special Studies in the Prophetical Books and Psalms.

II. A. NEW TESTAMENT INTRODUCTION

The Story of the New Testament—Goodspeed.
 A Critical Introduction to the New Testament—Peake.
 The Books of the New Testament—Strong.
 The Messages of the Books—Farrar.
 Short Introduction to the Gospels—Burton.
 The History of the Early Christian Literature—Soden.

II. B. NEW TESTAMENT EXEGESIS

The Study of the Four Gospels—Wescott.
 Studies in the Acts and Epistles—Bosworth.
 The History of Interpretation—Farrar.
 Special Studies in the Social Teaching of Jesus and the Apostles.

III. A. SOCIOLOGY

The Principles of Sociology—Giddings (Macmillan.)
 Outlines of Sociology—Blackmar and Gillen (Macmillan).
 The Family, etc.—Goodsell (Macmillan.)
 Human Nature and the Social Order—Cooley (Scribners.)
 The Reconstruction of the Church—Strayer (Macmillan.)

III. B. ETHICS

Ethics—Dewey and Tufts (Holt).
 Every Day Ethics—Cabot (Holt).
 The Philosophy of Loyalty—Royce (Macmillan).
 Human Ideals—Spencer (T. Fisher Unwin).
 The Ethics of Jesus—King.

IV. A. CHURCH HISTORY

History of the Christian Church to A. D. 461—Foakes-Jackson (Hall and Son).
 History of the Reformation in Germany—Lindsay (Scribners.)
 Christian Institutions—Allen (Scribners).

The Spiritual Interpretation of History—Mathews (Harvard University Press).

One Volume in the American Church History Series (Scribners).

IV. B HISTORY OF CHRISTIAN DOCTRINE

Outlines of the History of Dogma—Harnack (Funk & Wagnalls).

Christian Thought to the Reformation—Workman (Scribners).

Protestant Thought Before Kant—McGiffert (Scribners).

The Rise of Modern Religious Ideas—McGiffert (Scribners).

The Continuity of Christian Thought—Allen (Houghton & Mifflin).

V. A. SYSTEMATIC THEOLOGY

Christian Theology in Outline—Brown (Scribner).

The Enlarging Conception of God—Youtz (Macmillan).

Fundamental Questions—King (Macmillan).

Hand-Book of Apologetics—Garvie (Scribners).

Religions of Authority and the Religion of the Spirit—Sabatier (MacClure, Phillips and Co.).

V. B. HISTORY OF RELIGION

The Gods of India—Martin (Dutton).

The Faith of Islam—Sell (Edwin S. Gorham, New York).

The Story of the Mormons—Linn (Macmillan).

The Faith and Works of Christian Science—Paget (Macmillan).

The Origin and Growth of the Hebrew Religion—Fowler (University of Chicago Press).

The Religions of the Chinese—DeGroot (MacMillan).

VI. A. PSYCHOLOGY

Varieties of Religious Experience—James (Longmans).

Human Personality and Its Survival After Death—Myer (Longmans).

The Great Society—Wallas (MacMillan).

An Introduction to Social Psychology—McDougall (Luce & Co. Boston).

The Mystic Way—Underhill (Dutton).

VI. B. PHILOSOPHY

The Will to Believe—James (Longmans).

The Ultimate Belief—Clutton-Brock (Dutton).

Human Nature and Its Remaking—Hocking (Yale University Press).
 The Approach to Philosophy—Perry (Scribner).
 The Philosophy of Religion—Galloway (Scribner).

VII. A. PASTORAL THEOLOGY

The Christian Pastor—Gladden.
 Public Worship—T. H. Pattison.
 The Pastor Preacher—W. A. Quayle.
 Pastoral Theology—P. Fairbairn.
 The Pastor in the Parish—G. B. Willcox.
 The Christian Pastorate—D. P. Kidder.

VII. B. RELIGIOUS EDUCATION

A Social Theory of Religious Education—Coe (Scribners).
 The Pupil and the Teacher—Weigle (Doran).
 The Human Element in the Making of a Christian—Code (Scribners).
 Religious Education in the Family—Cope (Un. of Chicago Press).

VIII. A. ELEMENTARY HOMILETICS

The Making of the Sermon—T. H. Pattison.
 The Ministry of the Congregation—J. A. Kern.
 Preparing to Preach—D. R. Breed
 Yale Lectures on Preaching—H. W. Beecher.
 Lectures to Students—C. H. Spurgeon.

VIII. B. ADVANCED HOMILETICS

Theory of Preaching—A. Phelps.
 Psychic Power in Preaching—A. S. Kennard.
 The Ideal Ministry—H. Johnson.
 Lectures on Preaching—P. Brooks.
 Work of the Preacher—Brastow.

SPECIAL CORRESPONDENCE STUDIES: Those not qualified for admission to the regular courses and those not matriculated for graduation may take special courses of study by correspondence.

Full and exact directions as to methods of work are given to each correspondent. No previous examination is required for entrance on special correspondence course of study, yet every candidate is expected to present testimonials from responsible persons;

his pastor and the principal of the school he last attended are preferred. 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.

Students desiring credit toward graduation by correspondence study must matriculate in the proper course, as otherwise no credit toward graduation will be given for this special correspondence work.

METHODS OF TEACHING AND EXAMINATIONS

TEACHING: 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. Investigation of original sources is encouraged and theses are required. 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.

EXAMINATIONS: Tests are given from time to time at the discretion of the professors. At the end of each quarter, examinations are held and soon after, each resident student is given a statement of his standing in each study, with such other information regarding his work as may be necessary. Examinations on the books required in the B. D. course may be taken at the beginning of the academic year or at the time of the regular quarter examinations; *i. e.*, about October 1st, December 22nd, March 12, and May 25th. If examinations are taken *in absentia*, the student must send the name of some minister with whom he has made arrangements to conduct the examination. The questions will be sent to this minister

who will return the questions and answers to the professor giving the examination.

GENERAL REGULATIONS

ADVANCED STANDING: Students coming from approved schools of religion may, by vote of the Faculty, be admitted *ad eundem*.

COMBINATION COURSE: Students in the Colleges who have completed their junior year may substitute the first year's work in the School of Religion for the senior year in College, thus saving one year in graduating from both Schools.

PARTIAL WORK: The basic requirement for graduation is three years' study in residence. In case a student's time for study is limited, he may take such courses as he is able to carry and complete the work required for graduation in a longer time. Those doing work by correspondence, usually require much more time than resident students.

UNCLASSIFIED STUDENTS: Those not qualified for admission to regular standing may be admitted as unclassified students and attend such classes as the Faculty may determine. Unclassified students are not eligible for student aid nor are they candidates for graduation.

CONDITIONS: In all cases the Faculty reserves the right to determine the eligibility of each candidate to enter upon, or to graduate from, a given course of study. Those who lack the minimum requirements for a given course are sometimes admitted to its studies. If they make up their deficiencies, they become eligible to graduation. Conditions imposed must be removed not later than the end of the quarter following the one in which the condition was incurred.

ABSENCES: If a student is absent from the class room exercises in any study for one-third of the time, he is conditioned in that study. By vote of the Faculty he may be permitted to remove the condition by extra work. When the absences amount to one-half of the time, the study must be repeated.

RELIGIOUS SERVICES: A Chapel service is held, daily, at noon.

On the first Friday of each month at 1:30 P. M., the students render a literary program. At the same hour on the third Friday of each month the students engage in mission study. On the other Fridays, at 1:30 P. M., a lecture on some practical topic is given, usually by one of the Faculty, with devotional exercises and conference, in which the students take part. This affords the opportunity for closer Christian fellowship between professors and students and for cultivating the Christian life.

GRADUATION: All candidates for graduation must matriculate by October 15th preceding the commencement of their 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 prerequisites for graduation. All examinations, save the final examinations in residence, must be passed and all conditions removed not later than April 1st preceding graduation. A thesis of from three to five thousand words, suitably prepared for filing in the University Library must be presented by April 1st of senior year. A receipt from the Treasurer, showing all bills paid, should be presented to the Dean by May 15th.

GENERAL INFORMATION

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. The Secretary of the Y. M. C. A., Howard University, will assist students, so far as possible, to secure employment.

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.

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 Religion, college graduate students of promise, who may need aid, will be given special consideration in the distribution of student-aid.

For expenses see page 55.

ENLARGED SEMINARY EXTENSION

The School of Religion in its Seminary Extension plan is taking an advanced step towards denominational co-operation in ministerial training. This school emphasizes denominational co-operation by utilizing as far as practicable denominational lecturers and instructors in Bible Conferences and Institutes held with the various denominational conferences, associations and organizations. Thus far this year different members of the Faculty have lectured at nine such gatherings, from Hickory, N. C., to Tampa, Fla. Other institutes will be held during the spring and summer. One professor lectured last summer at the King's Mt. N. C., Y. M. C. A. Students' Conference and at the Harper's Ferry Y. M. C. A. Secretarial Summer School and is to lecture again at both places the coming summer.

THE HOWARD CONVOCATION

Each year a representative company of prominent clergymen, educators and social experts is invited to the University to discuss a theme of vital interest. This is proving of great value to the School of Religion and to the community. The subject considered this year was "Church Leadership in Social and Religious Readjustments Following the War." Besides the professors of the School of Religion and eminent local pastors, the following were among those who addressed the Convocation during the three days in which it was in session: President H. A. Garfield, U. S. Fuel Administrator, Rev. Henry A. Atkinson, D. D., Secretary of the Church Peace Union, Dr. George E. Haynes, Director of Negro Economics, Department of Labor, Chaplain W. A. Wright, U. S. A., Chaplain Daniel Couve, Paris, France, Mr. Emmett J. Scott, Special Assistant to the Secretary of War and Dr. W. L. Darby, Presbyterian Board of Missions, now Y. M. C. A. Camp Secretary.

DEPARTMENTS OF INSTRUCTION**OUTLINE OF COURSES**

The following outline of studies and hours of class room work indicates the average proportion of time given to each subject. These vary somewhat year by year, to suit the needs of each class as these are made known by the actual experience of the class room.

JUNIORS

Autumn Quarter

General Introduction and O. T. History and Introduction	*5
Introduction to Theology	2
Introduction to History of Religion	2
Homiletics	4

Winter Quarter

O. T. History and Introduction	4
Introduction to Philosophy	5
Homiletics	2
Sociology 1.	2

Spring Quarter

N. T. History and Introduction	4
Homiletics	4
Ethics	4

MIDDLELS

Autumn Quarter

O. T. Exegesis 1. ** (Alternates with O. T. Exegesis 2.).....	*5
Psychology of Religion. (Alternates with History of Religion.)..	4
Sociology 2. (Alternates with Sociology 3.).....	4

Winter Quarter

N. T. Exegesis 1. (Alternates with N. T. Exegesis 2.).....	2
Biblical Homiletics	3
Church History 1.....	5
Theology 2. (Alternates with Theology 3.).....	3

Spring Quarter

N. T. Exegesis 3.	4
Church History 2. (Alternates with Church History 3.).....	4
Theology 2. con. (Alternates with Theology 3.).....	3
Homiletics 2.	2

*The numbers indicate the hour periods per week the subject is given.

**These courses are given in alternate years.

SENIORS

Autumn Quarter

O. T. Exegesis 1. (Alternates with O. T. Exegesis 2.)	5
Psychology of Religion. (Alternates with History of Religion.)	4
Sociology 2. (Alternates with Sociology 3.)	4

Winter Quarter

N. T. Exegesis 1. (Alternates with N. T. Exegesis 2.)	2
Biblical Homiletics	3
Religious Education	4
Theology 2. (Alternates with Theology 3.)	3

Spring Quarter

Pastoral Work	2
Church History 2. (Alternates with Church History 3.)	4
Theology 2. con. (Alternates with Theology 3.)	3
Social Service	2

All students meet together for one hour a week throughout the year for each of the following courses or purposes: The Assembly Hour, Voice Culture, The Dean's Hour and the Friday Department Meeting.

Hebrew Elements are taught three hours a week throughout the year. Hebrew Exegesis and Greek Exegesis are taught twice a week during the year.

DESCRIPTION OF COURSES

BIBLICAL STUDIES

A. OLD TESTAMENT

1. GENERAL INTRODUCTION TO BIBLE STUDY: The Origin of the Bible, the Canon, the MSS., the Versions, the History of the English Bible, the Literary Character, Methods of Study, including a Discussion of the Principles of Higher Criticism, and the value of Bible Study are treated. Lectures.

PROFESSOR PRATT.

2. OLD TESTAMENT HISTORY AND INTRODUCTION: The Old Testament books are studied with reference to their historical setting and literary form. Biblical Geography is taught in connection with the History.

a. Hebrew History and Literature from the earliest times to the fall of the Northern Kingdom.

b. Hebrew History and Literature from 722 B. C. to the Maccabean period.

Books of Study and reference: Introductions of Driver, Moulton, Kent and McFadyen. Histories of Wade, Smith, Ottley, Kent.

PROFESSOR PRATT.

3. 4. ENGLISH OLD TESTAMENT EXEGESIS: In order to make the best use of the Bible, it is necessary not only to find interesting stories in it which illustrate moral truths, and to find great texts for sermons, but to find out just what the authors of the various parts of the Bible meant by their writings, under what circumstances and for what purposes they wrote. Such study will make the Bible a living book. For the coming year it is proposed to study various writings of the Old Testament prophets, who did more than anyone else to develop the pure monotheism of Judah and to prepare the way for the coming of Jesus. The students will procure Kent's Student's Old Testament, Vol. III, "Sermons, Epistles and Apocalypses of Israel's Prophets" and use this text and the accompanying notes as the basis for their study.

PROFESSOR COOK.

B. NEW TESTAMENT

1. NEW TESTAMENT HISTORY AND INTRODUCTION: The Maccabean and Roman periods of Jewish History to 135 A. D., the Life of Jesus and the History of the Apostolic Church to 100 A. D. are included in this course. The New Testament books are considered in chronological order. Books of study and reference: Introductions of Adeney, Moffatt and Bacon. Histories of McGiffert, Case, Lopes, Riggs and Mathews.

PROFESSOR PRATT.

2. 3. ENGLISH NEW TESTAMENT EXEGESIS: It is most desirable for ministers not only to have a good general knowledge of the whole Bible, but to be constantly making an intensive study of some particular portion of it. In the brief three years course of the School of Religion it is possible to give such intensive study only a comparatively small part of the Bible, but the methods

thus learned through practice should be applied by the student to his future years of study as a minister. In the second and third Quarters of the coming year it is planned to give careful historical study to selected epistles of the New Testament, to reconstruct, so far as possible, the conditions for which they were written and to understand the special messages which they conveyed to the people to whom they were addressed. We shall then be best able to make the highest use of them in connection with the problems of today.

PROFESSOR COOK.

C. HEBREW AND GREEK

Elementary Hebrew. The course aims to impart a working knowledge of the language. The inductive method is used.

Text-books: Harper's Elements and Methods.

Exegesis of the Hebrew Old Testament. Carefully selected passages are read in order to illustrate and enforce the great truths of the Old Testament.

Exegesis of the Greek New Testament. 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.

PROFESSOR LITTLE.

CHURCH HISTORY

The courses aim 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. Lectures on the History of Doctrine are given.

Church History 1. 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 Em-

pire; Rise of Modern Nations; The Reforming Councils; The Theology of the Middle Ages.

Church History 2. The Renaissance and the Reformation. Early Reformers; Revival of Learning; Causes of the Reformation; Luther; Zwingli; Calvin. The Spread of the Reformation; the Counter Reformation; Trent; Theology of the Lutheran Reformed and English Churches.

Books of study and reference; General histories of Fisher, Hurst, Schaff; History of Creeds, Curtis and Schaff; History of Doctrine, Fisher, Harnack, McGiffert, Moore. PROFESSOR PRATT.

Church History 3. The Transition and Modern Eras. The Evangelical Movement; The Philosophical Movement; Theological Tendencies in the Nineteenth Century; The American churches to-day.

PROFESSOR PRATT.

Church History 4. The Dean's Hour. The entire student body meets the Dean one hour each week for the study of some general phase of Church History. During 1918-1919 the subject for discussion was Christian Missions. In 1919-'20, the course will consist of a historical survey of the influence of Christianity upon the development of social and political institutions.

PROFESSOR PRATT.

PHILOSOPHY AND THEOLOGY

Introduction to Philosophy. No one can properly understand theology without some knowledge of the fundamental problems of philosophy and the various solutions which have been offered. The method pursued in this course is to study the history of philosophy and of the most important philosophers in brief outline, thus become acquainted with philosophical problems, first in their simpler forms and with their more naive answers, and so prepare the way for the more complex problems and more profound solutions. The method in the course is that of lecture and discussion, on the basis of a syllabus furnished, and outside study of text and reference books.

Books of Study and Reference: Weber's History of Philosophy; Roger's Student's History of Philosophy; Bakewell's Source Book in Ancient Philosophy; Thacher's Library of Original Sources.

PROFESSOR COOK.

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.

PROFESSOR WOODBURY.

Introduction to Theology. This course is intended first to give to students entering the Junior year, information about the various branches of theological study and the best methods of studying, memorizing, keeping notes, etc., and then to prepare the class for the study of systematic theology by making clear the difference between knowledge and faith, and the proper tests of faith, outlining thus a method for theology, and finally, considering the proper use of the Bible in Theology and Religion, in the light of recent thought and knowledge, and of the needs of the present day.

Cook's Christian Faith for Men of To-day is used as a text-book, and selected parts of other books are studied and discussed.

PROFESSOR COOK.

Systematic Theology. This course considers the great historic doctrines of Christianity, concerning God, his personality, attributes, providence, his work as Creator, the subject of miracles, the meaning of the doctrine of the trinity, and the problem of evil; then concerning Man, Sin and Salvation; then the Person and Work of Christ, and finally, the doctrines of the Church, its nature and work, the sacraments, prayer, and the last things, judgment and future life.

Text and Reference Books: Cook, Christian Faith for Men of To-day; Clarke, Outlines of Christian Theology; Brown, Christian Theology in Outline; Mackintosh, Doctrine of the Person of Jesus Christ; Fosdick, The Manhood of the Master. Much of this course is given in lectures, for which syllabus is furnished by the professor.

PROFESSOR COOK.

History of Religion 1. Introduction to the History of Religion. We cannot rightly understand or value the Christian religion, without some knowledge of the general nature and laws of development of religion as observable in primitive religion and the great historical religions other than Christianity. This course considers some of the principal features of primitive religion, and the laws of development of religion, different attempts which have been made to define religion and the best definition. It proposes the principles for the comparison of religions, and indicates the reasons for holding that Christianity is in the central line of progress and will continue there.

PROFESSOR COOK.

History of Religion 2. History of Religions. A study of the great historical religions, as of China, Japan, Babylonia and Assyria, Egypt, Persia, Greece and Rome, and of Buddhism, Mohammedanism, and modern Hinduism, enables the student to see the common religious needs of men, the various ways in which men have attempted to satisfy them, and leads to a clear perception of the superiority of Christianity over all other forms. At the same time one learns to recognize that one God has been revealing Himself to all nations, as they were able to receive His revelation, and thus that He is not far from every one of us. An understanding of the great need for missionary work comes with a knowledge of the great defects of non-Christian religions, but the point of contact and the sympathetic attitude are also indicated. A study of Mormonism and Christian Science are also desirable for those who must meet the claims of these forms of religion in this country. During the past year Barton's *The Religions of the World* has been the principal text-book.

PROFESSOR COOK.

PRACTICAL THEOLOGY

Elementary Homiletics. Interpretation. Fundamental parts of sermon. Methods of sermon classification. Materials. Arrangement. Varieties of illustration. Applications, their forms and use. Exercises and discussions. Text-book, Broadus.

PROFESSOR WOODBURY.

Biblical Homiletics. The English Bible is the Bible of the people. It is the providential development out of the Hebrew, Aramaic and Greek versions. They were for other times; our Bible is for our times and peoples. The Scriptures which the people use are those which the pastor and preacher must use and he should be deeply versed in them. The plain teachings of the Bible thus universally used furnish our field of study. It is not hard to find them; but it is not easy to use them wisely. Mere haphazard references to holy scripture are not only useless they are highly injurious. This is a defect of multitudes of pulpits.

We study the Bible both practically and homiletically, both for personal use and for pulpit use. Our exegetical work thus includes Biblical homiletics and inductive studies in preaching. We explore the Bible not for its "obscure origins," but for its plain contents. In fact, we do not study *about* the Bible but *in* the Bible. We are exegetes not merely for the sake of scholarship, but mainly for the sake of service and this, in actual sermon-building, based upon Scripture and illustrated by Scripture. Our aim is to suggest and exemplify the wise employment of the Bible in preaching and pastoral work and also to accumulate and classify the best Scriptures for efficient use in the ministry.

PROFESSOR WOODBURY.

Advanced Homiletics. Inductive studies. Practice preaching with personal drill. Analysis of sermon plans, given out. Prescribed themes, collated and compared. Constant individual sermon criticism. Varied methods of preparation and delivery. Lectures, with free conversational conferences. Psychological principles in the management of audiences. Lessons from successful preachers. Discussion of their precepts. Study of the literature of persuasion. Personal elements of power.

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.

Books of Study and Reference: Rhetoric; Hill, Phelps, Genung and Bascom. Homiletics: Broadus, Pattison, Phelps, Kern, Beecher, Spurgeon, Breed, Brastow, Johnson and Quayle. Pastoral Theology: Gladden, Hoppin, Kidder and Ellicott.

PROFESSOR WOODBURY.

PROFESSOR GREGORY.

Pastoral Work. Lectures and Conferences. Importance. Selection of field. Planting new church. Preaching on trial. A call. Arrangements, details, health, expenses, support. Church at work. Hindrances, Organization, Cautions and suggestions. Church finances, methods. Discipline. Resignation. Relations to other pastors. Ministers' meetings. Weddings and funerals. Pastoral visitation. Community service.

Public Worship. Review of principles and methods. Public prayers. The sacraments. Special services.

PROFESSOR WOODBURY.

Vocal Expression. Vocal Expression centers in the manifestation of the processes of thinking and feeling through natural signs of voice modulation. The method of training proceeds in accordance with psychological principles. The individual impressions are so strengthened as to establish co-ordinate responses in voice conditions, and these are developed by natural exercises. Voice conditions in Vocal Training are made the basis of voice modulations in Vocal Expression.

The primary aim of the work in this class is to establish a co-ordination of the primary actions of man's being and to develop unity by a natural means and in a natural way.

MRS. ROSSER.

Argumentation. Special instruction is given to those who are appointed to speak or debate in public, in the principles of argumentation and in the art of public address.

ASSISTANT PROFESSOR GREGORY.

THE WEEKLY ASSEMBLY HOUR is held in Main Hall on each Wednesday 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.

PROFESSOR WOODBURY.

Religious Education. In his work as preacher and pastor and especially in his organization and care of the Sunday School and other works of Christian nurture, it is essential that the pastor should understand the laws of the growth and development of the spiritual life. To this end the student is instructed in the development of the child and youth, the different interests and capabilities at the different ages, and the methods most suitable at different times, for religious instruction and training.

MR. SPENCER.

SOCIOLOGY AND ETHICS

The courses in Sociology aim to prepare the minister to apply Christian truth to society, which is conceived as a moral organism whose ideal is the Kingdom of God.

Sociology I. This course consists of a preliminary survey of the subject in relation to other sciences and of an intensive study of the family as a typical social institution. Theses are required.

PROFESSOR PRATT.

Sociology II. Social Pathology and Theories of Social Reconstruction.

Social classes such as the Delinquents, the Dependents, the Immigrants, the Leisure Class; and Social Organizations such as the Political Parties, the School, and the Church are studied in relation to the well-being of Society.

PROFESSOR PRATT.

Sociology III. Social survey methods are studied with practical field work. The relation of the church to social conditions is discussed. A review of a standard book dealing with the solution of some social problem is required of each student. Lectures.

PROFESSOR PRATT.

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 about him for helping the whole man, as well as the whole body of men.

As a fitting introduction to this modern day practical service among the churches we study the Hebrew social institutions as found in the Old Testament and seek to discover the attitude of Jesus toward social institution in the New Testament. The special social service efforts now in operation are studied and discussed. A workable program is also presented.

PROFESSOR BROWN.

Ethics. In this course the nature of the moral life is investigated, and the growth and development of moral ideals and character are traced from instinctive and primitive forms of conduct to the forms known today. The highest principles of conduct and the highest good are sought and forms of individual and institutional life are criticised in their light.

An introduction to this course is found in the study of the history of philosophy taken in the second quarter.

PROFESSOR COOK.

CORRESPONDENCE STUDY

Address all communications concerning Correspondence Study to the Director, Sterling N. Brown, D. D., Howard University, Washington, D. C.

Applications for admission to the School of Religion should include a detailed statement of previous educational attainments, references, and present postoffice address.

All general correspondence for further information beyond that which is given in the catalogue should be sent to the Dean. Address,

DEAN D. BUTLER PRATT, D. D.,
Howard University, Washington, D. C.

THE SCHOOL OF MEDICINE

INCLUDING THE

MEDICAL, DENTAL, AND PHARMACEUTICAL COLLEGES

Edward A. Balloch, Dean; Professor of Surgery

The School has up to date graduated 1,745 students; 1,029 medical, 424 dental, and 292 pharmaceutical. In conformity with the spirit of the charter of the University, the Medical School, including the Medical, Dental and Pharmaceutical 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 Fifty-second Annual Session will begin October 1, 1919, and continue until June 11, 1920.

LOCAL ADVANTAGES

This 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.

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 pharmaceutical 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. The National Museum and Smithsonian Institution have the largest and best collections in the country, illustrating the natural sciences. The specimens of *Materia Medica* are useful to medical and pharmaceutical students. 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. The Agricultural Department contains a museum of the products of agriculture; the Botanical Gardens, a collection of plants of all countries, and the Patent Office Museum models of surgical appliances.

GENERAL INFORMATION

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 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 under the direction of the departments of internal medicine, surgery, gynecology and nervous diseases are all 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.

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 diseases of the lungs, heart, blood, digestive system, the kidneys and 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 BUILDING

The Medical School 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.

FEEES

The expenses of the School of Medicine are given on page 56; but notice is hereby given that they are subject to increase, owing to heavy advance in the necessary budget of the School.

ROOMS AND BOARD

The Secretary keeps a list of places where rooms and board may be obtained at reasonable prices.

RULES GOVERNING THE STANDING OF STUDENTS

The markings of students, which is in accordance with the rules of the Association of American Medical Colleges, is as follows: A, Excellent; B, Good; C, Passed; D, Failed (must take examination over again); E, Must repeat the course.

Each student is obliged to attend 80 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 of 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 pharmaceutical 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-MORTEMS

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.

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 COMING TO 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 OF 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 ADVISES PROSPECTIVE STUDENTS NOT 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 PURSUED ONLY BY THOSE WHO DEVOTE ALL OF THEIR TIME TO IT.

IV. PROSPECTIVE MEDICAL, DENTAL OR 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, FIFTH AND W STREETS N. W., WASHINGTON, D. C.

V. BEGINNING WITH THE SESSION, 1920-1921, THE DENTAL COLLEGE WILL REQUIRE FOR ADMISSION THE COMPLETION OF ONE YEAR'S COLLEGE WORK IN BIOLOGY, 192 HOURS; CHEMISTRY, 192 HOURS; DRAWING, 64 HOURS; ENGLISH, 96 HOURS; PHYSICS, 192 HOURS.

THE MEDICAL COLLEGE REQUIREMENTS FOR ADMISSION

An 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 study of the subjects mentioned below, under the conditions stated:

I. That he has completed in a satisfactory way the Chemical-Biological course which leads to the A. B. degree in this University.

II. That he possesses a degree in Arts or Science from an approved College or Scientific School, or is a graduate of an approved High School, and furnishes a satisfactory certificate, showing that he has had two years of college work, as follows:

1. English. A course of at least three hours a week for two years is required.

2. Modern Languages. A reading knowledge of French or German is required. The work done in collegiate courses of at least three hours a week for two years represents the training necessary to meet this requirement.

3. Mathematics. Advanced algebra (including arithmetic and geometrical progression, binomial theorem and logarithmic series), solid geometry, plane and spherical trigonometry.

4. Physics. A course of at least two hours of lectures and four hours of laboratory work a week for two years, which must include quantitative work in the laboratory, or its equivalent, is required.

5. Chemistry. A full collegiate course of at least two hours of lectures and four hours of laboratory work for two years, or its equivalent, is required. This must include qualitative and quantitative analysis and organic chemistry.

6. Zoology. A full collegiate course of two hours of lectures and four hours of laboratory work a week for two years upon the structure, functions and life history of selected types of animal life is required. This must include at least a half year each of comparative anatomy of vertebrates and of general embryology.

III. That he gives evidence by examination that he possesses the general education implied by a degree in Arts or Science from an approved college or scientific school, and in addition, has the required work 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 STUDIES OF THE APPLICANT.

CERTIFICATES

APPLICANTS ARE REQUIRED TO FURNISH DETAILED CERTIFICATES FROM OFFICERS OF THE COLLEGES OR SCIENTIFIC SCHOOLS AT WHICH THEY HAVE STUDIED AS TO THE COURSES PURSUED IN BIOLOGY, CHEMISTRY, AND PHYSICS.

COMBINATION COURSES

Students of the School of Liberal Arts desiring to enter upon professional studies before graduation, who have completed not less than 27 units, may take the studies of the first year in the Medical College 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.

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, a student from another medical college recognized by this University may be admitted to advanced standing under the following conditions:

First: He must present a letter of honorable dismissal from the school he attended, showing that he was in good standing and that all his bills were paid.

Second: He must present satisfactory evidence that he has, at the time he enters this College, fully completed the preliminary educational requirements for admission.

Third: He must present credentials from the Dean or Secretary of the college which he has attended, properly signed and sealed, showing that he has been a registered medical student, and in residence for the time for which credit is sought.

Fourth: He must present satisfactory evidence from the college attended showing that the amount and character of work he has completed is such as to entitle him to the advanced standing he seeks 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 students may be allowed to complete a course for the medical degree in not less than 30 months, provided they complete the remainder of the medical curriculum in that time.

CURRICULUM

The curriculum comprises Anatomy, Histology, Embryology, Materia Medica, Physiology, Physiological Chemistry, Pharmacology, Toxicology, Urinalysis, Bacteriology, Dietetics, Electro-Therapeutics, Hygiene, Medical Zoology, Pathology, Therapeutics, Clinical Microscopy, Dermatology, Minor Surgery, Obstetrics, Ophthalmology, Orthopedics, Pediatrics, Physical Diagnosis, Practice of Medicine, Surgery, Anaesthetics, Genito-Urinary Diseases, Gynecology, Laryngology, Otology, Rhinology, Medical Jurisprudence, Mental and Nervous Diseases, Tropical Medicine, and Post-Mortem Work.

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 for study for Freshmen are Anatomy, Embryology, Histology, Physiology, Physiological Chemistry, *Materia Medica*, Pharmacology. For Sophomores, Anatomy, Urinalysis, Hygiene, Dietetics, Therapeutics, Toxicology, Bacteriology, Electro-Therapeutics, General Pathology, Minor Surgery, Medical Zoology and Physical Diagnosis. For Juniors, Obstetrics, Practice of Medicine, Pediatrics, Surgery, Physical Diagnosis, Pathology, Dermatology, Clinical Microscopy, Ophthalmology and Orthopedics. For Seniors, Practice of Medicine, Surgery, Gynecology, Ophthalmology, Otology, Orthopedics, Genito-Urinary Diseases, other specialties and Medical Jurisprudence. Post-Mortem work as often as practicable is available to all classes.

GRADUATION

Candidates for the degree of Doctor of Medicine shall be at least 21 years of age and of good moral character, and shall have attended four courses of lectures, etc., above described, at some regular medical college, the senior course at least being at this College. They shall pass the final examination, and shall have paid their fees in full.

THE MEDICAL COLLEGE

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.

HISTOLOGY.—Lectures, 2 hours; laboratory, 4 hours a week for the session.

PHYSIOLOGY.—Lectures or recitations, 4 hours; laboratory work, 10 hours for the session.

PHYSIOLOGICAL CHEMISTRY.—Lectures, 1 hour; laboratory work, 3 hours the first semester.

MATERIA MEDICA AND PHARMACOLOGY.—Lectures, 2 hours; laboratory work, 4 hours a week for the second 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; recitation, 2 hours a week for the second semester.

THERAPEUTICS.—Lectures, 2 hours; laboratory work, 2 hours a week for the first 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 a week for the second semester.

TOPOGRAPHIC ANATOMY.—Two 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.—Two hours a week for the second semester.

SURGICAL PATHOLOGY.—Lectures, 2 hours a week for the second semester.

MEDICAL ZOOLOGY.—Two hours a week for the first semester.

ELECTRO-THERAPY.—Two hours a week for the second semester.

Junior Year.

PATHOLOGY.—Two hours of recitation and 12 hours of laboratory work 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 semester.

ORTHOPEDICS.—Lecture, 1 hour a week from November to May.

PRACTICE OF MEDICINE.—Lectures, 4 hours; clinics, 6 hours a week for the session.

CLINICAL MICROSCOPY.—Four hours a week for the session.

DERMATOLOGY AND SYPHILOLOGY.—Lectures, 2 hours a week for the first semester; clinics, 2 hours a week for the session.

PEDIATRICS.—Lectures, 2 hours a week for first semester; clinic, 2 hours a week for the session.

OPHTHALMOLOGY.—Lectures, 2 hours a week for second semester.

SURGICAL ANATOMY.—Two hours a week for the first 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, 3 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.

ORTHOPEDIOS.—Clinics, 4 hours a week from November to May.

OPHTHALMOLOGY.—Clinics, 4 hours a week for the semester.

MEDICAL JURISPRUDENCE.—Twelve lectures during the session.

MENTAL AND NERVOUS DISEASES.—Clinics, 4 hours a week for the session.

OTOLOGY AND LARYNGOLOGY.—Lecture, 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 in February.

POST-MORTEMS.—As often as practicable.

APPLIED ANATOMY.—Two hours a week for second semester.

DESCRIPTION OF COURSES.

ANATOMY.

Professor Lamb, Associate Professor West and Associate Professor Ridgeley.

The lectures on descriptive anatomy will cover the most important subjects from a medical and surgical point of view, and will be illustrated with drawings, plates, models, the skeleton, and dissections. The Freshman year will be devoted to Osteology, Arthrology and Myology; the Sophomore year to Angiology, Neurology, and Splanchnology. Topographic Anatomy also in the second year. The students are required to attend a quiz once a week throughout the year.

Abundant facilities are provided for the study of practical anatomy. Under the law of the District of Columbia, the College secures a sufficient supply of anatomical material. The dissecting rooms, commodious, well lighted and ventilated, are under the charge of the Demonstrator of Anatomy, and are open daily except Sundays throughout the year. Students are required to complete their dissections before becoming eligible for final examinations, and each is required to dissect one-half of a cadaver. The Demonstrators supervise the work of dissection, examine the students thereon, keep a record of the work and report to the Secretary of the Faculty. Dental students dissect two parts. On payment of a small deposit, bones may be taken for home study.

HISTOLOGY.

Professor Bartsch and Assistants.

The work in Histology constitutes a thoroughly practical laboratory course. The first month is devoted to lectures on laboratory technique. This is followed by an examination of cells and elementary tissues. The remainder of the year is devoted to the study of the various organs. The laboratories are large and thoroughly equipped. Two hours of lectures or recitations and four hours of laboratory work for the session.

PHYSIOLOGICAL CHEMISTRY.

Professor Bartsch and Assistants.

One hour of lecture or recitation and three hours of laboratory work for the first semester. The course begins with an analysis of

the chief organic substances, carbohydrates, fats and proteids, that compose the body. This is followed by a study of the chemistry of salivary, gastric and pancreatic digestion, and an examination of bile, blood, and milk, and some of the most important food-stuffs.

EMBRYOLOGY.

Two lectures or recitations and four laboratory hours a week for the second semester. The lecture course will embrace a comparative study of reproduction in the animal kingdom.

This course begins with a historical sketch of the "cell theory," and proceeds with a discussion of the structure of a typical cell, of cell division, of the maturation and fertilization of the sexual cells, and with an exposition of the fundamental physiological properties of protoplasm. This is followed by a discussion of the theory of gastrulation and the development of the primary germ layers. The histogenesis and structure of the tissues and organs is then taken up and considered in detail, the lectures being illustrated by blackboard drawings, charts, models and lantern demonstrations. Special attention is paid to the development and structure of the human placenta and the foetal membranes.

The laboratory course will consist of the study of sections of embryo of the chick and of the pig in various stages of development, together with dissections of pig embryos.

PHYSIOLOGY.

Professor Just.

The course in physiology comprises lectures, demonstrations, recitations and experimental work. Four hours of lectures or recitations and ten hours of laboratory work for the session.

The arrangement of the course is as follows:

1. **Physiology of Muscle and Nerve.** Lectures, recitations, demonstrations, and laboratory work.
2. **Physiology of Blood, Circulation and Respiration.** Lectures, recitations, demonstrations, and laboratory work.
3. **Physiology of Digestion, Secretion, and Nutrition.** Recitations and demonstrations.
4. **Physiology of the Central Nervous System and of the Special Senses.** Recitations, demonstrations, and laboratory work.

5. Special Physiology of Nutrition. Lectures and Special readings.

MATERIA MEDICA AND THERAPEUTICS.

Professor Mitchell and Assistants.

Instruction in this department is given during the first, second and fourth years by means of lectures, recitations, laboratory work, and clinical instruction.

These subjects will be dealt with by repeated recitations and demonstrations. The students of the first and second years will recite four times a week throughout the quarter, from a standard textbook on the subject. The subjects will be explained and illustrated in their practical and clinical applications by the Professor or his Assistants. Pharmacologic demonstrations of drugs will be made to the class when it is considered possible by so doing to emphasize the importance of the subject.

Laboratory work includes an examination of the physical and chemical properties of the drugs and agents used as medicines. In the first year two hours a week are spent in this laboratory work, under the direction of a pharmacist who is also a physician. Prescription writing is carefully considered throughout the course, attention being given to analysis, both in the English and Metric systems. The subject of prescription incompatibility is here studied, from the standpoint of its chemical, pharmaceutic and therapeutic combination. The fourth year class will be divided into sections, taken into the hospital and given practice in the application of some remedies other than drugs; as hydrotherapy, the stomach tube, cautery, aspirator, hypodermic syringe, and in the various methods of administering such volatile substances as ether, chloroform, amyl nitrite, somnoform, and nitrous oxid gas.

ELECTRO-THERAPY AND RADIOGRAPHY.

Professor Sourlock.

The lectures in electricity are amply illustrated by classroom demonstrations, and thorough instruction is given in the methods of dealing with the various current forms, their measurements, control, and proper application.

BACTERIOLOGY.

Professor Adams.

There will be four hours of lectures and twelve hours of laboratory work for Sophomores each week for the first semester.

The laboratory course covers the practical application of Bacteriology to the diagnosis, course and treatment of disease, and includes preparation of culture media, the bacteriologic examination of sputum, pus, blood, feces, milk, water, disinfectants, etc., as well as the culture and identification of pathogenic micro-organisms. The student is required to perform agglutination tests, and shown the practical methods of preparing and testing antitoxic sera. He also studies the results of experimental inoculation in suitable animals, and the microscopic and cultural characteristics of organisms of medical importance.

MEDICAL ZOOLOGY.

Professor Bartsch.

A course parallel to Bacteriology in which the animal parasites of man are considered. Sophomore students attend lectures and laboratory work two hours a week for the first semester.

HYGIENE, DIETETICS AND PREVENTIVE MEDICINE.

Under Hygiene the physiological needs of the individual in regard to air, food, exercise, and clothing are considered in detail, and this knowledge made the foundation on which is based the more comprehensive discussion of sanitary procedures in general. For example: Rules and methods of ventilating and heating come under the subject of air. With water are studied supply, chemical and mechanical purification, plumbing, sewerage, and disposal of sewage.

The section of Dietetics includes, besides a theoretical consideration of food and food values, fifteen hours practical work in modification of milk, arrangement of dietaries, and the preparation of some of the more usual invalid dishes—predigested food, nutrient enemata, and the like.

The consideration of occupation, occupational dangers, and habits follows the subject of exercise and clothing.

The course in Preventive Medicine is designed to correlate the

knowledge gained in other branches in that emphasis is placed on the methods—physiological, bacteriological, chemical, biological—which have made possible the discovery of the cause, mode of transmission or prevention of disease.

The course concludes with a discussion of existing medical laws and their application.

PATHOLOGY.

Professor Collins Marshall and Assistants

The course consists of lectures, recitations and quizzes, with written examinations at stated periods, and the practical work consists of identification, study and drawing of microscopical specimens; the fixing, hardening, sectioning, staining, and mounting of pathological tissues; the study of gross specimens and the performance of autopsies.

The laboratories of the College are supplied with all the necessary equipment for instruction in this important branch of medicine.

GENERAL PATHOLOGY.

This course is for Sophomore students, and includes the subjects properly coming under this heading, viz.: general causation of disease, circulatory disturbances, degenerations, inflammation, neoplasms, and parasitic diseases.

The didactic work is supplemented in the laboratory by the study of specimens, illustrating the pathologic conditions under discussion at the time in the lecture room. The class is furnished with specimens representing the particular lesions lectured on, which the students are required to study and draw. All the pathologic material available is used in teaching the student to prepare, cut, stain, and mount his own sections.

SPECIAL PATHOLOGY AND CLINICAL MICROSCOPY.

This course is given to the Junior class. The various tissues and organs are taken up in order, and the pathologic changes studied under general conditions before are now studied in their new relations and modifications.

GROSS PATHOLOGY AND POST-MORTEM WORK.

This course is given to both Junior and Senior students, and

consists of identification and study of diseased parts with the naked eye, and the various microscopic staining and other reactions.

The technique of making autopsies is taught by demonstrations, and opportunity is afforded the students to assist in the performance of the work.

OBSTETRICS.

Professor Williston and Assistants.

The subject of Obstetrics is taught in the Junior year by didactic lectures, quizzes and the manikin and by thorough clinical instruction in the wards of Freedmen's Hospital. The entire subject is covered by lectures, which are closely followed by exhaustive oral and written quizzes. Two hours of lectures and six hours of clinics a week for the session.

Careful clinical instruction is given in the wards of the hospital, including pelvimetry, vaginal examinations, palpation, and in all antepartum and postpartum conditions, both normal and abnormal.

Senior students are required to attend at least six obstetric cases, and when sufficiently instructed, will be required to deliver, under the supervision of the Demonstrator, as many cases as possible.

SURGERY.

Professor Balloch, Professor Warfield and Professor Fowler, Associate Professor Curtis, Dr. Jack, Dr. Kerr, Dr. Francis and Dr. Murray.

The subject of surgery is taught by didactic lectures, clinical lectures and operative clinics. Special stress is laid upon surgical pathology. The first semester of the Junior year is given to this subject. During the fourth year students are brought into contact with practical surgery by means of ward work and as assistants at operations. This work is obligatory. Surgical diagnosis and the writing of case histories are taught in the hospital wards. In the minor surgery clinics students are taught the principles of aseptic surgery and operative technique. The course in operative surgery is illustrated by suitable material. Every effort will be made to give each student a thorough knowledge of modern surgery, theoretically and practically.

Recognizing the obligation of educated men to serve their country in time of need, this school is prepared to give training in Military

Surgery to the extent that such training can be given in the Medical School and Hospital .

GENITO-URINARY DISEASES.

Professor Fowler and Assistants.

The work in genito-urinary surgery is chiefly clinical, and the student learns by actual contact with the cases. Lectures, first semester, one hour a week, clinics twice a week during the year.

The hospital supplies abundant material for these courses. Whenever necessary the clinical demonstrations in the branches are supplemented by didactic lectures.

ORTHOPEDECS

Professor Erving and Assistants

Two clinics a week from November to May, preceded by short didactic lectures. Juniors attend the lectures and Seniors are assigned to the clinics.

It will be the aim of the department to teach as fully as the material to be obtained from the clinics and wards will permit by bringing the student in close contact with the actual cases. Every effort will be made to emphasize practical diagnosis and treatment of the affections included under orthopedic surgery. These will be demonstrated in the wards, clinics, and operating room.

GYNECOLOGY

Professor McNeill and Dr. C. H. Marshall

The instruction in Gynecology embraces lectures, recitations, demonstrations, and clinics, and is given to Seniors.

Two hours a week of either lectures, recitations or examinations of specimens and lantern demonstrations, and six hours a week of clinics. It is intended that the histologic, anatomic and pathologic as well as the operative side of Gynecology be made as clear as possible. Free use is made of charts, models, lantern slides, and specimens to demonstrate diseases and operations.

The class is divided into sections, which attend four clinics of two hours each a week throughout the session. These sections see all cases with the Professor or his Assistants before any plan of treatment is instituted.

MEDICINE

*Professor Parker, Professor Hazen, Assistant Professor Burbank,
Dr. Becker, Dr. Lane and Dr. Terry*

The course in Medicine is in part practical and in part didactic; the greater stress is laid on the practical side.

The didactic course consists of four recitations for Seniors, with a weekly amphitheatre clinic for the session, the subject being so arranged that the two years' course taken by both classes covers all the important medical diseases.

The practical work, in the Junior year, consists of three exercises a week, in the dispensary of Freedmen's Hospital, where the dispensary patients and suitable patients from the hospital wards are used for demonstration. In this course students are thoroughly taught the methods of examination and history taking; *the plan of training being to give the students the ability to bring out* and recognize the important symptoms and physical signs for themselves.

The practical instruction in the Senior year is given in the wards of the hospital. The class is divided into small groups. Students are required to take the patients' records, make examinations, if the patients' conditions permit, and make the laboratory examination of sputum, blood, urine, etc. On four days a week ward rounds are made by the Professor and his Assistants. Once a week the Professor meets the class in the amphitheatre and there presents cases suitable for clinical lectures.

PEDIATRICS

Dr. Copeland and Assistants

The course, which is a graded one, consists of didactic lectures, class recitations and clinics. It is given in the Junior year and consists of two recitations or quiz periods a week. The class is divided into two groups and the students are assigned to service in the outdoor and ward clinics.

OPHTHALMOLOGY

Dr. Dowling and Assistants

The work in this department is intended to give the student such a general knowledge of the diseases of the eye as every well-educated physician ought to possess. The students are given the privilege of examining the cases, of studying the progress of the disease and the

effect of the treatment from day to day; and also of witnessing the delicate technique of the operations on the eye. Each exhibition of cases is followed by a brief discourse on the etiology, pathology, symptomatology and treatment of the diseases under observation. The didactic course is given to Juniors and consists of two lectures a week for the second semester.

The course in Practical Ophthalmology consists of a clinic three times a week by the Professor and Assistants, practical instruction in the Out Patients' Department of Freedmen's Hospital to small sections of the Senior class in the diagnosis and treatment of diseases of the eye, and demonstration of operations.

OTOLOGY, LARYNGOLOGY AND RHINOLOGY

Dr. Martin

One lecture one hour a week for the first semester and two clinics of two hours each a week for the session.

This course of lectures comprises a presentation of the special anatomy and physiology of the upper respiratory tract; the etiology and pathology of affections of the ear, nose and throat, and a description of the more common diseases of these organs, their diagnosis and treatment. Where practicable, these lectures are illustrated by cases of the diseases described.

Small sections of the class are taught the regional anatomy of the nose and throat by means of preserved specimens and models; the methods of rhinological, otological and laryngological examinations, with an opportunity to practice those methods on cases, and the medicinal and operative treatment of cases of diseases of the ear, nose and throat.

MEDICAL JURISPRUDENCE

The course in Medical Jurisprudence and forensic medicine consists of a series of lectures, text-book study, and reference to standard authorities, and occasional quizzes. No attempt is made to treat the subject exhaustively, the aim being to give the student a clear understanding of his legal rights and duties as a medical practitioner, and of the general bearing of medical knowledge upon legal problems, which a doctor may be called upon to assist in solving.

MENTAL AND NERVOUS DISEASES

Dr. Williams and Assistants

The instruction is entirely clinical, being given in two-hour periods a week. Each student is first drilled in the methods of examination, the Socratic method being employed to compel the students to think for themselves and draw inferences from the data gathered in examining the patients. Later, cases are allotted to the students working in pairs, who report them to the clinic when the examination is completed; the diagnosis made, and in this way, and not from books, an actual, practical knowledge of the types is gained by the whole class. Especial attention is paid to the early manifestations of mental disorders and their management. Constant reference to the pathological bases of neurological diseases is insisted upon.

One lecture a week for the session. The instruction is mostly clinical. The didactic lectures embrace systematic instruction in mental diseases, including: The essential principles of insanity; its nature and prominent features; concise definitions of the important technical terms used in psychological medicine, a comprehensive classification of mental diseases and their etiology, diagnosis, prognosis and treatment.

The clinical lectures consist of the presentation of cases of mental and nervous diseases, illustrating the teachings of the didactic lectures.

DERMATOLOGY AND SYPHILOLOGY

Professor Hazen

The work consists of two lectures or recitations for the first semester and two clinics a week for the session. Small sections of the Junior class are assigned to the cases presented in the clinic, and are expected to make the diagnosis and suggest the treatment. The cases are then fully considered, the lecturer in charge making corrections, if need be, and outlining the treatment.

THE DENTAL COLLEGE

(This College is a member of the National Association of Dental Faculties.)

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 a 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 the 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 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, at the 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 credited

with such studies if the credentials are satisfactory to the Professors in the respective departments, but when admitted to the Senior 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 four years. The year begins on the first day of October and closes on Commencement Day of the University. There are thirty-six weeks of actual instruction given, five 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.

COURSE OF STUDY

FIRST YEAR

	<i>Hours:</i>	
	Lectures.	Laboratory.
Biology -----	64	128
Chemistry -----	64	128
Dental Anatomy -----	32	64
Drawing -----	--	64
English -----	96	---
Physics -----	96	96
Prosthetics -----	16	96

SECOND YEAR

Anatomy -----	64	124
Bacteriology -----	32	96
Chemistry -----	64	128
Dental Histology -----	32	98
Dental Metallurgy -----	16	24
Materia Medica -----	80	60

SECOND YEAR—continued

	<i>Hours:</i>	
	Lectures.	Laboratory.
Operative Dentistry -----	82	250
Operative Technique -----	16	200
Physiological Chemistry -----	20	60
Physiology -----	64	64
Prosthetics -----	16	96

THIRD YEAR

Applied Anatomy -----	--	188
Clinics (daily, 10 a. m. to 5 p. m.)		
Ceramics -----	16	82
Crown and Bridge Work -----	82	250
Operative Dentistry -----	82	400
Oral Hygiene -----	16	---
Oral Surgery -----	82	---
Pathology (general and dental) -----	64	128
Pharmacology and Therapeutics -----	80	60

FOURTH YEAR

Crown and Bridge Work -----	--	250
Clinics (daily, 10 a. m. to 5 p. m.)		
Dental Ethics, History, Economics, and Jurisprudence -----	45	---
Electricity and X-ray -----	10	85
Oral Surgery -----	--	96
Orthodontia -----	82	96
Physical Diagnosis and Anaesthesia -----	80	60
Prophylaxis -----	15	---
Special Lectures.		

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.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Dental Surgery is conferred upon those candidates not less than 21 years of age, of good moral character, who have completed satisfactorily the required course of study and 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 a free scholarship in the Dental College to graduates of the Dunbar High School and the Armstrong Manual Training High School, Washington, D. C. The recipient of this scholarship is to be named by the Faculty of this College upon proper recommendation.

DESCRIPTION OF COURSES

BIOLOGY

Four hours of laboratory and two hours of lectures or recitations a week during the first year, covering work in general Zoology and Vertebrate Anatomy.

DRAWING

The course in Drawing includes both freehand and mechanical drawing. Twice a week for 32 weeks.

ENGLISH

This course includes a thorough study of the fundamentals of English composition. 3 hours a week for 32 weeks.

PHYSICS

Four hours of laboratory and two hours of lectures in General Physics.

CHEMISTRY*Professor Scurlock*

The course in Chemistry consists of Inorganic and Organic Chemistry, including elementary Qualitative and Quantitative Analysis, and extends through two years. There are two hours of classroom and four hours of laboratory work a week.

PHYSIOLOGICAL CHEMISTRY*Professor Bartsch*

The work consists of an examination of the chief organic substances, carbohydrates, fats, and proteids that compose the body, followed by a study of the chemistry of salivary, gastric, and pancreatic digestion and an examination of bile, blood, and milk, etc.

ANATOMY*Professor D. S. Lamb, Associate Professors West and Ridgeley and Assistants*

Dental students receive a thorough course in Anatomy.

Extended laboratory work on the human body is conducted in conjunction with the lecture course. Anatomical material is abundant.

PHYSIOLOGY*Professor Just*

The course extends throughout the second year, and consists of recitations, lectures, and demonstrations. Special attention is given those points that have particular interest for dental students.

DENTAL HISTOLOGY*Professor Bartsch and Assistants*

Lectures in this department are illustrated by lantern slides, in most instances reproduced from numerous dissections from the actual subject, in the preparation of which the incumbent of the chair has made a special effort to cover the branches under consideration.

MATERIA MEDICA AND THERAPEUTICS*Professor Mitchell and Assistants*

The recitations in Materia Medica cover the derivation, nature, physiological action, dose, and the antidote or antagonist of each

drug, together with a practical knowledge of prescription writing for the intelligent administration of the same.

BACTERIOLOGY

Bacteriology is presented especially in its relation to dental pathology and dental practice. The student is familiarized with the general principles of the subject, with the nature of the organisms, the place they occupy in nature, their physiological processes, how and where they grow, how they live, what they do, and how they produce disease.

PROPHYLAXIS AND HYGIENE

This institution and its teachers have recognized for some time that Oral Hygiene and Prophylaxis are important in the preservation of teeth. The scope of this course will be broad and comprehensive, a large clinic affording full opportunity for a thorough understanding of pyorrhoea alveolaris, gingivitis, and oral prophylaxis from a practical viewpoint. Special features covering these important subjects will be given. The most advanced treatment will be followed with the student and his patient, under the supervision of the instructor of this department, the object being better to prepare our graduates to specialize in this branch.

DENTAL ANATOMY AND OPERATIVE TECHNIC

Professor Brown and Dr. Barrier

Dental Anatomy, the anatomy of the human teeth, followed by Operative Technic.

The first two weeks are given mostly to the study of dental nomenclature. Then descriptive human dental anatomy is taken up and the forms and surface markings of each tooth studied. This part of the work is illustrated by models, enabling the lecturer to locate every detail of form and of surface markings upon the teeth so that they may be accurately understood.

In order that tooth forms may be more perfectly impressed upon the mind, during this study, and be of use in shaping teeth, artificial crowns and fillings in teeth in after-practice, a tooth of each class, as the incisors, cuspids, bicuspid and molars, is made by each student, first in clay, then in bone or ivory, representing the actual size and form of the tooth.

Students of this school will be expected to attain a high degree of proficiency in the manipulation of porcelain. The College is equipped with furnaces for continuous gum work and machines for casting of gold inlays.

ORAL SURGERY

Professor Balloch and Curtis

The course embraces instruction in the general principles of surgery and their practical application to pathological conditions occurring about the mouth and face, giving special attention to diagnosis and recognition of conditions requiring surgical interference.

PROFESSIONAL ETHICS AND DENTAL JURISPRUDENCE LECTURES

The lectures cover the relations of dental surgeons to their patients and to each other.

OPERATIVE DENTISTRY

Professor Brown and Assistants

The course in the branch of Operative Dentistry includes the consideration of the preparation of all forms of cavities, of different filling materials—plastic, gold, and porcelain—the methods employed in the preparation and manufacture of each, as well as how and when each is used. Also a study of all appliances and instruments used in Operative Dentistry, and all new and modern inventions. Models, patterns, diagrams, lantern slides and other illustration help to make the subject plain, yet complete and practical.

ORTHODONTIA

Dr. Hopkins

This subject is taught during the Junior and Senior years.

Beginning with normal occlusion, the lectures take up the different classes of malocclusion, special attention being given to diagnosis and treatment. This is followed by several lectures on retention, followed by a course in model and appliance making.

In the Senior year the instruction is mainly clinical, and is given at the individual chairs in the infirmary.

METALLURGY

Professor H. P. Davis

This subject will be taught during the second year—one lecture each week—in which those metals used in dentistry will be most prominently considered, as iron, steel, copper, zinc, tin, lead, aluminum, silver, gold, platinum, etc. The art of soldering, characteristics of the various metals, the compounding of solders, fluxes, alloys, etc., will be included in this course and practically demonstrated in the laboratory.

PATHOLOGY

Professor Marshall and Assistants

This important branch will be thoroughly taught in its general relation to the human system and the special features pertaining to dentistry, which will be minutely treated in the course.

PHYSICAL DIAGNOSIS AND ANAESTHESIA

Dr. A. L. Curtis

With the progress that has been made in all the departments of the practice of dentistry, it becomes not only desirable, but necessary, that the practicing dentist should be able, not only to make such an examination of his patient as may enable him to determine as to the advisability of the use of an anaesthetic, but he should also know the conditions which should influence him in the selection of the anaesthetic for each individual case.

It has, therefore, been considered advisable to give a course of lectures, with such clinical instruction as may be necessary to fully cover the subject.

ELECTRICITY AND X-RAY

Professor Scurlock and Assistants

The lectures in this course will embrace a study of the principles underlying the use of electricity and the X-Ray in their practical application to dentistry.

PORCELAIN

Professor Brown

Porcelain is attracting more and more attention. It is the most artistic method of restoring teeth or parts of teeth. Cavities in the

natural teeth can be filled with porcelain inlays, which cannot be detected.

PROSTHETIC DENTISTRY

Professor H. P. Davis

Dr. Fredertok P. Barrier, Director of Laboratory.

Prosthetic Dentistry will be thoroughly taught in every detail, both by lectures and clinical demonstrations, each lecture, as far as practicable, being followed by clinics, so that students may have a thorough appreciation of the teaching practically applied.

The laboratory is spacious, well lighted and ventilated, and thoroughly equipped for the practical teaching of this most important branch of dentistry. It is under the direct personal supervision of the Professor, assisted by a competent Demonstrator and Assistant.

The course embraces the proper fitting up of a dental laboratory, the use of tools, the preparation of the mouth for dentures, methods of taking impressions of the mouth and articulation, the materials used, their composition and manipulation, as well as the preparation of models for dentures made on the various bases. The anatomical and artistic arrangement of the teeth, viz., in mastication, enunciation, facial contour, etc., will be most carefully considered; formulae for compounding bodies and enamels used in the manufacture of artificial teeth and continuous gum work; vulcanite and celluloid, their composition and methods of working, including all varieties of repairing; fusible metal bases; the construction of metal plate work in gold, silver, platinum, aluminum, etc., making dies and counter-dies from the different materials used; swaging and fitting plates, and of soldering, bending and fitting of clasps; combination plates of metal and vulcanite or celluloid; the mechanical treatment of cleft palate, including the several methods of constructing vela and obturators; ceramic dentistry, covering continuous gum work, the different methods of fusing, furnaces, bodies, enamel, etc., will be thoroughly and practically covered in every detail.

The technical course covers a complete training in prosthetic technic, and carefully prepares the student for practical work, including the taking of impressions, articulations, preparations of models, the construction of dentures on the different bases, etc. That time may

be utilized and the student receive personal instruction, the classes are subdivided into sections. Students are at once assigned to a section with competent demonstrators, and given a systematic and practical course. Before passing from one class to another, the student is obliged to obtain from the demonstrator in charge a certificate of qualification, which, together with the work performed, will be finally passed upon by the Professor in charge of the department.

CROWN AND BRIDGE WORK

Preparation of the roots of extracted teeth for bands, fitting bands, carving cusps in plaster and other materials, making dies, swaging cusps and soldering cusps to bands and finishing.

Making porcelain-faced crowns, conforming bands and constructing copes, grinding and backing, facing and fitting to cope, investing, soldering and finishing, constructing various forms of porcelain and metal dummies, previously constructed and forming bridges, investing, soldering and finishing.

DENTAL INFIRMARY

Frederick P. Barrier, D. D. S., *Superintendent*

Thomas W. Edwards, D. D. S., *Demonstrator*

Raymond B. Thomas, D. D. S., *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 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. A list of the necessary instruments will be furnished to first-year students.

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.

THE PHARMACEUTIC COLLEGE

ADVANTAGES

It is a 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.

REQUIREMENTS FOR ADMISSION

Applicants for admission must present a certificate of good moral character and fitness to enter upon the study of pharmacy, must be at least 17 years of age, and must present evidence of having completed satisfactorily four full years of work in an accredited high school, or its equivalent.

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 a free scholarship in the Pharmaceutic College to graduates of the Dunbar High School and the Armstrong Manual Training School. The recipient of this scholarship is to be named by the Faculty Council of this College upon proper recommendations.

COURSES OF STUDY

Three years' study is required before graduation.

The rapid progress made in the sciences and arts directly affecting the practice of Pharmacy, and in 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.

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 thirty-two weeks' duration.

LECTURES

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 a 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 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, will be 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 the examination 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 degrees of GRADUATE IN PHARMACY (Phar. G.) Applicants for this degree must have had the required preliminary education, must 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 required fees.

DESCRIPTION OF COURSES**MATERIA MEDICA, THERAPEUTICS AND TOXICOLOGY**

Professor Mitchell and Assistants

Three hours of lectures and recitations each week throughout the year.

PHYSIOLOGY

Professor Just

First-year students attend lectures in Physiology.

CHEMISTRY

Professor Sourlock

The course in Chemistry is given during the first year, and consists of Inorganic and Organic Chemistry, with some elementary Qualitative and Quantitative Analysis included.

The class will be expected to cover the planned work in Inorganic Chemistry and Qualitative Analysis during the first semester of the school year, and to complete the scheduled course in Quantitative Analysis and Organic Chemistry during the second semester.

The Inorganic portion will begin with a consideration of those physical properties of matter which are essential for the subsequent work. Then, the elements and their important compounds will be considered, due attention being paid to the introduction of chemical theories. Chemical arithmetic and equation writing will receive a considerable share of the time spent in blackboard exercises.

Experiments in General Inorganic Chemistry are selected with the view of giving the student practice in conducting chemical experiments, as well as affording an acquaintance with the properties of the chemicals employed.

In the class room, schemes for the separation and identification of metals and the detection of the acid radical will be discussed, while in the laboratory the student will repeat the reactions with known solutions, and finally be required to analyze more or less complex mixtures.

The work of the second semester begins with a further consideration of analysis, giving practice in simple quantitative determinations by gravimetric and volumetric methods. This brief course is followed by class room and laboratory work in Organic Chemistry. The classes of carbon compounds, their structure, synthesis, and transitions, are reviewed, but in the study of individual substances the greater emphasis is placed on those of importance from the pharmaceutical point of view. Some attention is given, however, to certain commercial products and their manufacture.

In the laboratory the student obtains a practical study of some of the typical compounds and their reactions.

PHARMAEOUITICAL BACTERIOLOGY

The course in Bacteriology for Pharmacy students is essentially the same as that for Medical students, but necessarily more elementary. Less stress is laid on the pathologic and clinical aspects of the subject, and more attention paid to the various forms of sera and vaccines likely to be handled by pharmacists.

BOTANY

Two hours of lectures and laboratory work once a week.

Instruction in Botany will begin on the first Wednesday in October, with the study of the elementary tissues of which plants are composed and the manner in which these are built up into roots, stems, leaves, flowers, and fruits. Physiology and classification will then be considered, together with the collection and identification of fresh specimens.

MICROSCOPY

Professor Keemer

This College, recognizing the importance and value of Microscopy in the practice of Pharmacy, has established a course in this branch and requires full attendance from Senior students upon the instruction given.

PHARMACY

Professor Keemer

Pharmacy I-a. *Theoretical Pharmacy*, consisting of a study of the principles and processes of Pharmacy, with demonstrations of the same; also the classification of natural medicinal products and galenic preparations. Lectures and recitations. 3 hours. First year.

Pharmacy I-b. *Pharmaceutical Arithmetic*. A systematic study of the different types of problems met with in the practice of Pharmacy. Recitations. 1 hour. Second semester of first year.

Pharmacy II. *Official Pharmacy of Inorganic Compounds*. This includes the study of all official inorganic compounds and the more important unofficial ones, with the identification and preparations of the same. Recitations, 2 hours. Second year.

Pharmacy III-a. *Official Pharmacy of Organic Compounds*. This consists of a study of all official organic compounds and their derivatives, including alkaloids, glucosides, and neutral principles. Recitations, 2 hours. First Semester of third year.

Pharmacy III-b. *Pharmacopœia and National Formulary*. A detailed review of the same. Recitations, 2 hours. Second Semester of third year.

Pharmacy IV-a. *Prescription Reading and Incompatibilities*. Lectures and recitations, 1 hour. Third year.

PHARMACOGNOSY

Professor Keemer

A study of crude drugs with special reference to identification, preservation, source and constituents. Recitations and lectures, 2 hours. Second year.

PHARMACEUTICAL LABORATORY WORK

Professor Purdy, and Assistants

FIRST YEAR

Six hours a week for the session.

The laboratory work of the first year will supply the practical aid to the theoretical teaching.

The student will have the opportunity to become perfectly familiar with the apparatus used in pharmaceutical work and the manipulation of the same, thus giving him the technical training which contributes much to his success in the store. He will also be taught the care of apparatus, rules to be observed in laboratory work, recording results, etc. Instruction will be given upon the proper use of the Pharmacopœia and manner of reading formulæ.

Through a series of practically adapted lines of work he will be enabled to master the different systems of weights and measures. After this will be given the methods employed and apparatus used in determining specific weight and its application to Pharmacy, specific volume, dilution, fortification and mixing of alcohol to produce any desired strength, the computation of averages and proportions in mixing to produce any desired values (or percentages), how to express, use and transpose formulæ in parts by weight, methods for

measurement of heat, manner of testing and using thermometers, etc.

The remainder of the year will be devoted to the preparation of a series of official galenical preparations, enabling the students to judge quickly and accurately as to the best method of making these various pharmaceutical preparations.

SECOND YEAR

Six hours a week for the session.

The laboratory course for the second year is a continuation of the making of official preparations, requiring various pharmaceutical processes, and operations such as the various methods of percolation, recovering the alcohol from exhausted drugs and weak percolates, determination of the percentage of alcohol in the recovered liquid, methods of regulating and modifying heat by use of baths, mode of conducting evaporation, principles involved in processes of distillation, different modes of sublimation, solution, decantation, percolation, lotion, filtration, maceration, digestion, and fusion.

The remainder of the year will be devoted to making such preparations as cerates, ointments, plasters, chartæ, suppositories, powder masses, confections, pills, and the various excipients used in making them.

The laboratory work will follow as closely as possible the subject-matter of lectures, each student receiving individual attention and instruction.

THIRD YEAR

Twelve hours a week for the session.

The laboratory course for this year will have a special bearing in fitting the student for actual professional work.

Prescription dispensing and magistral Pharmacy will be entered into more fully than during the former courses, for under this head comes the most important instruction in Pharmacy, since it embraces the principal amount of labor in the store and calls for more tact, knowledge and skill than any other branch.

Practice will be afforded in applying the pharmacopœial tests, that the students may become familiar with the methods of the identification and detection of impurities in official substances.

Special attention is given to assaying. The student will be thoroughly instructed in the pharmacopœial methods of assaying

drugs with the purpose of determining their values from both the mercantile and the scientific viewpoint.

In this part of the course the student is made familiar with the practical application of pharmaceutic chemistry, which will enable him to apply the various tests for the identification of alkaloids, glucosides, fixed and volatile oils, resins, gums, etc.

TEXT-BOOKS

Text-books, Medical and Dental, for the first year, cost about \$25.00; second year, \$30.00; third year, \$25.00; and fourth year, \$30.00. The cost of text-books for the course in Pharmacy is about \$25.00.

POST-GRADUATE SCHOOL AND POLYCLINIC FOR MEDICINE

GENERAL STATEMENT

The *eleventh session* of the Howard University Post-Graduate School and Polyclinic will begin June 1, 1919, and continue six weeks. There will be two courses open to graduates of reputable Medical Colleges. A course in Operative Surgery and Gynecology on the cadaver, and a course for experienced students on the human subject.

FEES

The fees will be as follows: For the entire 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.

THE SCHOOL OF LAW

*Benjamin Farnsworth Leighton, Dean; Professorial Lecturer on
Constitutional and Statutory Law*

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 47.

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 cases, 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 Clerk, 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: Blackstone's *Commentaries*; Hawley and McGregor on *Real Property*; Darlington's *Personal Property*; Lawson on *Contracts*, enlarged edition; Ogden's *Negotiable Instruments*; Bunker on *Cases*; Long on *Domestic Relations*; Hale on *Torts*; Clark on *Criminal Law*.

Middle Year: Andrew Stephen's *Pleading*; Adams on *Equity*; Jones *Manual of Equity Pleading and Practice*; Shepard's *Selected Cases in Equity*; Clark's *Criminal Procedure*; Greenleaf's *Evidence*, Vol. I; Hawley and McGregor on *Real Property*; Wambaugh's *Study of Cases*; *American Cases on Contracts*, by Huffcutt 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; Crosswell's *Executors and Administrators*; Woolsey on *International Law*; *Brief Making and Use of Law Books*.

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 Colleges. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are also open to the 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 text-books 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 P. M. each week day during the University 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 fulness 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 Cyclopedic Law Dictionary, presented by Callaghan & Co., will be given to the student of the Senior Class who shall take the highest scholarship honor for the period of the three-year course. The OYO prize, heretofore awarded by the American Law Book Company, was discontinued for the year 1918-'19 on account of the war, but will probably be renewed for the year 1919-'20.

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.

For expenses see page 57.

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

HOWARD UNIVERSITY LAW SCHOOL,
420 Fifth Street, N. W., Washington, D. C.

DESCRIPTION OF COURSES

FIRST YEAR COURSES

Criminal Law. A survey of the origin, nature, history and evolution of the law of crimes or public wrongs, in its aspects of vengeance, justice, mercy, reformation of the offender, and the present state of statutory development of the law of crimes, on the basis

of the English common law, with an analysis of the statistics of crime. Larceny, larceny after trust, robbery, forgery, embezzlement, false pretenses, cheating, gaming, etc., are treated.

PROFESSOR HART.

Torts. The history and mixed nature of the law of torts or private wrongs, the personal remedy for private wrongs in the form of money damages, non-liability of the State, liability of joint-tortfeasors, discharge before and after injury and the kinds and measure of damages, and the application of these principles in special actions *ex delicto*.

PROFESSOR HART.

Personal Property. Its classification and characteristics; manner of ownership; modes of acquiring and losing title; intestacy; mutual rights of husband and wife.

PROFESSOR RICHARDS.

Real Property. Its nature and essentials; estates in real property with the various classifications thereof, illustrated by cases; time of enjoyment of estates (estates in possession and future estates); discussion and illustration of the several classes of joint estates; mortgages.

PROFESSOR WILLIAMS.

Domestic Relations. A series of ten lectures on the elementary principles of the law, with the use of Robinson's *Principles of Elementary Law* as a guide.

The study of the Law of Domestic Relations is begun about the middle of November and continued until May. A book of Cases accompanies and illustrates the principles of the text, thereby giving the student the opportunity to familiarize himself to some extent with what is known as the Study of Law by the Case System. The course is conducted by lectures and quizzes.

PROFESSOR TERRELL.

Contracts. Lectures and text-book study dealing with the general principles of law governing the formation, operation, interpretation and discharge of contracts and the remedies upon them. Illustrative cases cited. Practice in drafting contracts.

PROFESSOR BIRNEY.

Negotiable Instruments. First Semester: Lectures on the history, origin, and development of bills of exchange and promissory notes. Second Semester: Application of the law with reference to bills of exchange and promissory notes.

This course is designed to give the student a substantial knowledge of the character and intricacies of problems in negotiable papers.

PROFESSOR COBB.

SECOND YEAR COURSES

Criminal Procedure. A critical study of the law adjective of Criminal Pleading and Practice, embracing the subjects of the constitution of courts and their jurisdiction, the apprehension of persons accused of crime and the technical rules of accusation and proof and, upon conviction, the mode and measure of punishment inflicted. Precedents of Pleadings and other instruments essential in Practice are discussed.

PROFESSOR HART.

Evidence. Nature, character and instruments of evidence; rules of relevancy; principles of exclusion; judicial notice; presumptions, admissions, confessions, dying declarations, hearsay and exceptions thereto; production, competency, examination and cross-examination of witnesses; handwriting; expert testimony; public documents; records and judicial writings.

PROFESSOR RICHARDS.

Real Property. A review of the second year work, followed by a study of uses and trusts, easements, title to real property including also title of involuntary alienation, the essentials and forms of deeds, with a short course on the law of wills of real estate.

PROFESSOR WILLIAMS.

Common Law Pleading. This subject is pursued by classes of both the middle and senior years, but students who make a grade of seventy-five or better in the middle year will be excused on request from attending quizzes and written examinations in the senior year. The course embraces an exposition of the principles relating to written pleadings and procedure in civil actions at law, according to common law rules, and also under the reformed procedure,

with illustrations from decided cases, and a concise explanation of Code Pleading so-called.

PROFESSOR WILLIAMS.

Cases on Contracts. A study of the American law of contracts by analysis and interpretation of adjudicated cases. Recitations and open discussion on questions of pleading and principles of law involved.

PROFESSOR BIBNEY.

THIRD YEAR COURSES

Constitutional Law. This subject is for the senior year only. The instruction is given through lectures, text-books, leading cases and quizzes fully covering the text-book. The lectures attempt to make clear the dual character of our government, its origin, its nature and principal powers, the limitations thereon, the limitations upon the powers of the State governments, and the relations of the State to the national Government. Above all it is sought to inculcate a love for and veneration of the government founded by the fathers.

PROFESSOR LEIGHTON.

Corporation Law. History of the legal entities and of artificial persons possessing perpetual succession (or immortality) and known as corporations, private and public, with their creation, kinds, attributes and incidents, powers, by-laws, methods of acquiring and changing membership, organization, management, rights and obligations, dissolution; foreign corporations and remedies.

PROFESSOR HART.

Evidence A. Evidence Requisite in actions *ex contractu*—assumpsit, debt, covenant, detinue; in actions *ex delicto*—replevin, trespass, trespass on the case, trover.

PROFESSOR RICHARDS.

Evidence B. Application of the rules of evidence to criminal actions and to cases in equity, admiralty and courts martial.

PROFESSOR RICHARDS.

International Law. Its nature and history; the powers, rights and duties of a State in peace and in war.

PROFESSOR RICHARDS.

Partnership, Sales, Insurance, Executors and Administrators. The first semester is occupied with the study of the law of Partnership (Burdick), Sales (Burdick), Insurance (Elliot); and after the exposition of the text in lectures, the students are given the benefit of an exhaustive quiz. The next subject is the Law of Executors and Administrators (Crowell). Complete instruction is given in lecture work, in respect of Probate Law, Practice in the Probate Court, the Administration of Estates, the Probate of Wills, Will Contests and the like, followed by quizzes.

PROFESSOR RICHARDSON.

Equity Pleading and Practice. The Seniors and Middlers are required to take a course in Equity Pleading and Practice. Eleven hours of lecture and recitation are given. A general survey is made of the origin and jurisdiction of courts of equity, the nature, forms and requisites of pleadings in equity cases, and the rules of practice promulgated for the equity courts by the Supreme Court of the United States.

PROFESSOR WILSON.

Equity Jurisprudence. The course in equity is given in the second half of the school year and is required of the students in both the senior and middle years. Numerous cases from the reports and in the courts are used to illustrate the principles discussed. Students are taught something of the origin and history of equity and the reasons for, and importance of, its doctrines.

PROFESSOR WILSON.

Brief-Making and Use of Law Books. A course in Brief-Making and Use of Law Books was established for the Seniors in the latter part of the school year of 1916-1917. The purpose has been to familiarize students with the preparation of trial court briefs, appellate court briefs, and to teach a systematic method of searching for points of authority decided by courts of last resort. By the system used the student may know when he has found all the decided cases in courts of last resort from the earliest cases in the United States to the time of the publication of the latest advance sheets.

PROFESSOR WILSON.

Practice of Inferior Courts, Legal Ethics. This course is taken by the Seniors during the last two months of the year. It consists of lectures.

PROFESSOR TERRELL.

THE SECONDARY SCHOOLS

By vote of the Board of Trustees, the secondary schools, comprising the Academy and the Commercial College, cease to exist June 1919. For announcement concerning collegiate courses in Commerce and Finance the attention of the reader is invited to pages 147-153.

THE ACADEMY

FACULTY OF THE ACADEMY

J. STANLEY DURKEE, A. M., Ph. D.

President of the University

CHARLES SUMNER SYPHAX, A. B., LL. M.

Dean; Professor of Mathematics.

GEORGE JOTHAM CUMMINGS, A. M.

Dean Emeritus; Professor of Latin and Greek.

SARAH ANNIE BARKER, A. M., Pd. B.

Instructor in English

DANIEL WEBSTER EDMONDS, Ph. B.

Instructor in Latin

CYRUS WESLEY MARSHALL, A. B.

Instructor in Mathematics

LOUIS HEZEKIAH RUSSELL, A. M.

Instructor in Chemistry and Physics.

ELIZABETH APPO COOK,

Instructor in Spanish

EDNA BROWN COLEMAN, A. M.

Instructor in English and Mathematics

ETHEL CORNELIA WILKINSON, B. S.

Acting Instructor in French and Phytography

JOSEPH GRANVILLE LOGAN, Ph. B.

Acting Instructor in Chemistry and Physics.

THERESA ETNA NUTT, A. B.

Acting Instructor in English and History.

CHRISTOPHER COLUMBUS COOKE, A. B.

Acting Instructor in Biology.

MERTON PAUL ROBINSON, A. B.

Acting Instructor in Mathematics.

GRADUATES OF THE ACADEMY; JUNE, 1918

Ackiss, Smallwood Washington	Holder, Ernest Colville
Andrews, Norman Percival	Jacobs, Edmond Roscoe
Boyd, Charles Sumner	Miller, Irene
Brown, Aguilar Augustus	Mundy, Alice Katheryn
Bryan, Elbert Eure	Murray, James Edward
Bryan, Leo Bernard	Murray, Roscoe Conkling
Challenor, Robert Lincoln	Neal, Irma Carr
Christian, Peter Charles	Plummer, Harry Vinton
Collymore, Errold Duncan	Roach, Charles Archibald
Davis, Lorraine Howard	Skinner, Charles Summers
Evans, Grace Lee	Styles, Fitzhugh Lee
Fairclough, George Ellis	Thomas, Gilbert Newton
Fairclough, Lewis Hyman	Vilain, Percy Eugene
Gilpin, Zenobia Gustava	Ward, James Cardinal
Gordon, Nathan Rudolph	Williams, Ferdinand DeLeon
Hamlett, Horace Irving Taylor	Williams, Wyoming
Herbert, William Gordon	

STATEMENT CONCERNING CURRICULUM.

For information relative to courses of study in the Academy and the Commercial College, see the Catalogue of 1917-1918.

SCHOLARSHIP PRIZES AWARDED JUNE, 1918

Mr. Robert Robertson offered as a memorial to 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 was awarded for excellence in Plane Geometry and one-half for excellence in Elementary Algebra.

For the year 1917-18 the C. C. Robertson prize of five (\$5.00) dollars for the highest grade of excellence in Plane Geometry was awarded to Flossie Alberta Sadler, Clifton Forge, Va., and the C. C. Robertson prize of five (\$5.00) dollars for the highest grade of excellence in Elementary Algebra was awarded to Bryant Hamilton Williams, Tampa, Fla.

Mr. William A. Pollard, an alumnus of the Academy and also of the College of Arts and Sciences, offered a permanent prize of five (\$5.00) dollars to be awarded annually to the student attaining the

highest rank in first year English. For the year 1917-18 this prize was awarded to Ida Mae Redmond, Manassas, Va.

The sum of fifty (\$50.00) dollars was kindly donated by a friend of the Academy to be awarded as prizes for excellence of scholarship during the year 1917-18; this amount was distributed as follows:

The prize of ten (\$10.00) dollars in gold for the highest average above 85 percent in fourth year English was awarded to Gilbert Newton Thomas, Cristobal, Canal Zone, Panama.

The prize of ten (\$10.00) dollars in gold for the highest average above 85 percent in third year English was awarded to Richard Alexander Alston, Warrenton, N. C.

The prize of ten (\$10.00) dollars in gold for the highest average above 85 percent in second year English was awarded to Flossie Alberta Sadler, Clifton Forge, Va.

The prize of ten (\$10.00) dollars in gold for the highest average above 85 percent in fourth year Latin and second year Greek combined, was awarded to Irma Carr Neal, Winston-Salem, N. C.

The prize of ten (\$10.00) dollars in gold for the highest average above 85 percent in first year Greek was awarded to Lewis Kennedy McMillian, Allendale, S. C.

A prize of five (\$5.00) dollars for proficiency in Spanish was awarded to John Alexander Davis, Hampton, Va.

No student, whose average for the year in a subject did not reach 85 percent was eligible to receive a prize in that subject.

In awarding a prize, in addition to scholarship, the Faculty considered regularity of attendance, punctuality and general deportment of the competing students.

PRIZE FOR GENERAL EXCELLENCE

In May 1918, Mr. Geo. W. Mitchell of Philadelphia, Pa., an alumnus of the Academy 1890, of the College of Arts and Sciences 1894, and of the Law School 1896 offered, a prize of ten (\$10.00) dollars for general excellence.

This prize will be awarded at the graduation exercises of the Academy May 28, 1919, to the student in the senior or middle class ranking highest in all work.

STUDENTS OF THE ACADEMY

SENIORS

Anderson, Edward Walter	Ft. Smith, Ark.
Barnett, Marion Elizabeth	Chattanooga, Tenn.
Boatswain, Arthur	New York, N. Y.
Butler, Ruth Elizabeth	Columbia, S. C.
Chandler, Harry Wilkins	Port Tampa, Fla.
Clark, Beatrice Mae	Wilmington, Del.
Clarke, Clifford Louis	West Somerville, Mass.
Combs, Oswell Augustus, Jr.	Atlanta, Ga.
Featherston, Anthony Godfrey	New York, N. Y.
Green, William Beecher	Lawrenceville, Va.
Gundy, Esther Viola	Haverhill, Mass.
Johnson, Josephine Frazier	Washington, D. C.
Jones, Dorothea Wenerva	Lynchburg, Va.
Jones, Fleming Adolphus, Jr.	Spartanburg, S. C.
Kelly, Ernest Harry	Poplar Bluff, Mo.
Lewis, Mozella Esther	Chattanooga, Tenn.
Lofton, Harry Floyd	Jacksonville, Fla.
Looby, Zephaniah Alexander	New Bedford, Mass.
McMillan, Lewis Kennedy	Allendale, S. C.
Mallory, Sadie Delain	Locust Dale, Va.
Marksman, Eldon Galwey	Grenada, B. W. I.
Miles, John Marshall	Harrisburg, Pa.
Moss, David Wellington	Bumpass, Va.
Patton, Irene	Owensboro, Ky.
Pendleton, John Thomas	Louisville, Ky.
Scott, Walter Lambert	Poplar Bluff, Mo.
Simmons, Edward Alfred	Charleston, S. C.
Smith, Clarence Louis	St. Paul, Minn.
Spence, Cyril Alexander	Colon, Panama.
Stevens, Thomas Anthony	Lynchburg, Va.
Sweeney, Thomas Rufus	New York, N. Y.
Taylor, Arneita Triplett	Hartford, Conn.
Waters, Golder	Ambler, Pa.
White, Luther Alexander	Jamaica, B. W. I.
Williams, Joseph Adolphus	Colon, Panama.
Wood, James Garland	Cotton Plant, Ark.

MIDDLEMS

Bailey, Virginia Mae	Hinton, W. Va.
Brandon, Howard Edward	Danville, Va.
Burton, Andrew Samuel	Jamaica, B. W. I.
Carter, Robert White	Savannah, Ga.
Colln, Edmond Henry	Tuscaloosa, Ala.
Craft, Robert Johnson	Danville, Va.
Crichton, Francis Duvall	Lynchburg, Va.
Davis, Collis Huntington	Hampton, Va.
Gregory, Herman Edward	Birmingham, Ala.
Harris, Charles Lewis	Denton, Ga.
Harper, Willie Belle	Philadelphia, Pa.
Henderson, Nat Quincy	Houston, Texas.
Higginbotham, Peyton Rudolph	Lynchburg, Va.
Jackson, Clayton McKinley	Washington, D. C.
Jackson, Dewey Wright	Washington, D. C.
Jones, Mary Belfield	Washington, D. C.
Luck, Dudley Beidler	Danville, Va.
Luck, Winston Hogue	Danville, Va.
McPherson, Emeline Isabelle	Jamaica, B. W. I.
Mason, Vivian Elma	Birmingham, Ala.
Minton, Arthur, Jr.	Philadelphia, Pa.
Moorman, Frances Cordelia	Danville, Va.
Nicholson, Joseph William	Muskogee, Okla.
Orr, Lester James	New York, N. Y.
Pack, Edgar Clinton	Griffin, Ga.
Patton, Dayve Lee	Owensboro, Ky.
Peterson, Leon Adam	Meridian, Miss.
Pettie, Foster Blodgett	Savannah, Ga.
Sadler, Flossie Alberta	Clifton Forge, Va.
Simmons, Sarah Elizabeth	Baltimore, Md.
Smith, Frederick William	Washington, D. C.
Smith, Gelkie Mason	Barnesville, Ga.
Spencer, Charles Jerry	Poplar Bluff, Mo.
Tanner, Sarah Elizabeth	Washington, D. C.
Travis, John Harold	Lawrenceville, Va.
Walton, Isabelle Smith	Southport, England.
White, Georgetta	Chicago, Ill.

Whitley, Hattie Belle	-----	Goldsboro, N. C.
Williams, Bryant Hamilton	-----	Tampa, Fla.
Williams, Harry Pemberton	-----	Danville, Va.
Young, James Clarence	-----	Newberry, S. C.

SUB-MIDLERS

Alexander, Julius James	-----	Montgomery, Ala.
Anderson, Susie Beatrice	-----	Pasadena, Calif.
Austin, Clarence Eugene	-----	St. Louis, Mo.
Balasco, Austin Janarius	-----	Mobile, Ala.
Bell, Adeline Estelle	-----	Washington, D. C.
Bell, Benjamin	-----	Berlin, Ala.
Brooks, Phillips	-----	Philadelphia, Pa.
Brown, Kennie Roosevelt	-----	Edwards, Miss.
Brown, Sybil Alethea	-----	Jamaica, B. W. I.
Chadwick, Elma Mae	-----	Lynchburg, Va.
Cousins, Williams Sims	-----	Birmingham, Ala.
Daly, Arthur George	-----	New York, N. Y.
Davis, Mildred Odessa	-----	Washington, D. C.
Dunn, Henry Maceo	-----	Monroe, La.
Erskine, John James	-----	Georgetown, B. Guiana
Fenter, Olive Louise	-----	Butte, Mont.
Gadsby, Samuel Augustus	-----	St. Joseph's B. W. I.
Gray, Frank Wilmoth	-----	Cristobal, Panama.
Hall, Charles	-----	Leetsdale, Pa.
Harris, Charles Pondexter	-----	Franklinton, N. C.
Hayes, Wallace Sioux	-----	Jacksonville, Fla.
Hensley, Joseph Leland	-----	St. Louis, Mo.
Howard, Charles Walter	-----	West Cape May, N. J.
Hurston, Zora Neale	-----	Jacksonville, Fla.
Johnson, Susan Jane	-----	Lewisburg, W. Va.
Kirton, Leonard Arthur	-----	New York, N. Y.
Louis, Lionel Samuel Kelly	-----	St. Lucia, B. W. I.
Manning, Bernard Alexander	-----	New York, N. Y.
Mason, Ellariz	-----	Birmingham, Ala.
Meggs, Hubert Claredon	-----	British Honduras, C. A.
Mitchell, Oliver Dewey	-----	Buffalo, N. Y.
Neal, George Washington	-----	Syracuse, N. Y.
Nesbitt, Herman Oliver	-----	Norfolk, Va.
Oliver, Mabel Grey	-----	Danville, Va.

Palms, Thomas Philip	Lincoln, Neb.
Patmon, Roger Henry	Meridian, Okla.
Pierce, Belford Lawrence	Bridgetown, N. J.
Posey, John Shawnee	Muskogee, Okla.
Prado, Gustoaf del	Paramo, D. Guiana.
Redmond, Ida Mae	Manassas, Va.
Reid, Joseph Andrew	Laurel, Miss.
Rudd, Wayland Leonard	Colorado Springs, Colo.
Sherard, Julius Caesar	Clinton, N. C.
Smith, Dorothy Pearl	Washington, D. C.
Stephens, Homer Cutren	Little Rock, Ark.
Summers, Maurice Coleman	Shelbyville, Ky.
Thomas, Donlen McKinley	Washington, D. C.
Thompson, Leon Augustus	Augusta, Ga.
Thompson, Minnie Beatrice	Coahoma, Miss.
Turner, Theodosia	Warrenton, Va.
Wallace, Welda Ferne	Colorado Springs, Colo.
Washington, Charles English	Beaufort, S. C.
Wilson, Samuel Isaac Beresford	Sierra Leone, Africa.

JUNIORS

Brooks, Moreno	Pensacola, Fla.
Chase, William Henry	Sandy Springs, Md.
Chloe, James William	Morgantown, W. Va.
Christian, Romig Edmon	Antiqua, B. W. I.
Colley, Edward Duvall	Cincinnati, Ohio
Edwards, Wallace Epps	Chicago, Ill.
Finkley, Dorothea	Waterbury, Conn.
Foster, Amos Isaac	Baltimore, Md.
Gibson, John Richard	Newport, R. I.
Harris, Vantile Corcorn	Washington, D. C.
Henry, William Daniel	New York, N. Y.
Hill, George Hampton	Sharon, Pa.
Isaac, Robert Clement	Balboa, C. Z.
Jacobs, George Washington	Savannah, Ga.
Kelly, Elijah Booker	Claremont, Va.
Lashley, George Francis	New Nickerie, D. Guiana
Lee, William Franklin	Gloucester, Va.
Lyons, McKinley	Bricks, N. C.
McCain, James	Nashville, Tenn.

McCoy, Frederick Douglass	Montgomery, Ala.
Penn, Eureka Della	Washington, D. C.
Penn, Phoebe Zenobia	Washington, D. C.
Perry, Katheryn LaVada	Charleroi, Pa.
Pierce, Lowery Israel	Fayetteville, W. Va.
Roberts, Pearly	Yantley, Ala.
Spicer, Alfred Grower	Rocky Mount, N. C.
Spicer, Charles Horne	Rocky Mount, N. C.
Thompson, Field Jr.	Coahoma, Miss.
Tindall, Paris Lee	Manning, S. C.
Turner, Harold Adolphus	Fayetteville, W. Va.
Walton, Lena Alice	Cincinnati, Ohio
Watson, Edward Theodore	Savannah, Ga.
Williams, Charles Robert	Pascougoula, Miss.
Williams, Frank Williston	Fayetteville, W. Va.
Wilson, Aria Ethelbert	Sparrow's Point, Md.

UNCLASSIFIED STUDENTS

Alexander, Cordelia Margaret	Bealton, Va.
Bacote, Harriet Francis	Ansonia, Conn.
Blanchard, Adelbert Burkhardt	Orange, N. J.
Brooks, Artilla Emma	Bluefield, W. Va.
Cash, Alva Mae	Winston-Salem, N. C.
Cogdell, Lottie Mae	Fayetteville, N. C.
DeBardeleben, Virgie Shelley	Washington, D. C.
DeLoatch, Garnett Tucker	Norfolk, Va.
Fox, Gladys Ellen	Fair Haven, N. J.
Goodson, Edith Mae	Leonia, N. J.
Jackson, Benjamin Franklin	Orange, Va.
Jenkins, Nathan	Beaufort, S. C.
King, Andrew	Seminole, Okla.
Liles, Eugene Albert	Wadesboro, N. C.
Lounce, Luberta	Cotton Plant, Ark.
Lynch, Mildred	McDonald, Pa.
Mayo, Marion Sidney	Richmond, Va.
Moreland, Ophelia	Owensboro, Ky.
Morris, Eleanor Mae	Washington, D. C.
Neblett, Martha	New York, N. Y.
Nelson, John Henry	Princeton, N. J.

Phillips, Arties Rowain.....	Dewmaine, Ill.
Queen, Alberta Vermetta.....	Clinton, N. C.
Reid, Leola Elizabeth.....	Staunton, Va.
Sanford, Grace.....	Washington, D. C.
Slaughter, Norecan Julian.....	Chillicothe, Mo.
Starks, Marie Johnetta.....	Dallas, Texas
Sterling, Mary Pearl.....	Washington, D. C.
Stratton, Charles Nelson.....	Doylestown, Pa.
Terrell, Ollie Mae.....	Savannah, Ga.
Tutty, Anozella.....	Washington, D. C.
Young, Evelyn.....	Washington, D. C.

SUMMARY

Seniors	36
Middlers	41
Sub-Middlers	58
Juniors	35
Unclassified	32
Total	197

THE COMMERCIAL COLLEGE

FACULTY OF THE COMMERCIAL COLLEGE

J. STANLEY DURKEE, A. M., Ph. D.,

President of the University.

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.

PHOEBE 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.

- *CHARLES HAMILTON HOUSTON, A. B.,
Instructor in English.
- *CLARENCE BENJAMIN CURLEY, A. B., LL. B.,
Instructor in Mathematics and Commercial Geography.
- FLORENCE MILTON DYKES, A. B.,
Acting Instructor in English.
- ISABELLE VIRGINIA HALL,
Acting Instructor in Penmanship.

GRADUATES OF THE COMMERCIAL COLLEGE; JUNE, 1918

William Kenan Bell	Lillie Mae Greatheart
Edward Weeks Brown	Hardy Blaine Ruffin
Claudia Johnson	Roselle Macon Reed

STUDENTS OF THE COMMERCIAL COLLEGE

FOURTH YEAR

Bacote, Harriet F.	-----	Ansonia, Conn.
Neblett, Martha	-----	New York, N. Y.
Price, Blanche B.	-----	Philadelphia, Pa.
Younger, Cora	-----	Pittsburg, Pa.

THIRD YEAR

Blakemore, Viletta	-----	Detroit, Mich.
Blanchard, Thomas	-----	Ardmore, Pa.
Council, Eva S.	-----	Norfolk, Va.
Dulaney, Martha E.	-----	Washington, D. C.
Gibson, George H.	-----	Brynmour, Pa.
Grant, Claudia Mae	-----	Wadley, Ga.
Gwaltney, Damon A.	-----	Suffolk, Va.
Jackson, Wisner H.	-----	Long Island, N. Y.
Jones, Ethel S.	-----	Newport News, Va.
King, Andrew M.	-----	Seminole, Okla.
Lynch, Mildred	-----	McDonald, Pa.
Mackay, Frank E.	-----	Aiken, S. C.
McKenzie, Melissa	-----	Marianna, Ark.
McQuinney, Willie	-----	Louisville, Ky.

*On leave of absence during the war.

Page, Lillian L.	Washington, D. C.
Pettie, Fannie	Savannah, Ga.
Pinkett, Gardner D.	Atlantic City, N. J.
Quick, Coachie E.	Rockingham, N. C.
Sanford, Grace	Upperville, Va.
Singfield, Nellie	Savannah, Ga.
Steele, Annabel	Chicago, Ill.
Stratton, C. N.	Doylestown, Pa.
Tyler, Myrtle L.	Flushing, Ohio
Welton, Carolyn	Birmingham, Ala.
Williams, Rosa	Atlanta, Ga.
Wood, Giulia Z.	Atlanta, Ga.

SECOND YEAR

Alexander, Alma	Montgomery, Ala.
Alexander, Shirley	Caledonia, N. Y.
Brown, Mordecia	Savannah, Ga.
Cardwell, Edna L.	Birmingham, Ala.
Davis, Geneva	Baltimore, Md.
Harrison, Athelston E.	Mobile, Ala.
Hensley, Ernest	Washington, D. C.
Holland, Mary L.	Holland, Va.
Howell, Edith	Newport News, Va.
Johnson, Edith A.	Gordonsville, Va.
Nelson, Joseph	Princeton, N. J.
Nunley, William	Homer, La.

FIRST YEAR

Brooks, Artilla	Bluefield, W. Va.
Flowers, Ozzie B.	Hickman, Ky.
Fox, Gladys,	Fair Haven, N. J.
Jenkins, Nathan	Beaufort, S. C.
Lounce, Luberta	Cotton Plant, Ark.
Moreland, Ophelia	Owensboro, Ky.
Morris, Eleanor	Washington, D. C.
Natt, David C.	Chicago, Ill.
Queen, Alberta	Clinton, Md.
Terrell, Ollie May	Savannah, Ga.
Young, Evelyn	Washington, D. C.

UNCLASSIFIED STUDENTS

Bell, William K.	Beaufort, N. C.
Byrd, Juanita C.	Rochester, N. Y.
Cooper, Anna	Mourovia, Liberia
Cousins, Grace	Cleveland, Ohio
Craft, Julia E.	Charleston, S. C.
Darden, Manila	El Paso, Texas
Dorsey, Marion A.	Fairmount Heights, D. C.
Garner, Helen C.	Washington, D. C.
Garner, Portia	Washington, D. C.
Garner, Sylvia	Washington, D. C.
Green, George	Pittsburg, Pa.
Harper, May	Chicago, Ill.
Hawkins, Mary E.	Washington, D. C.
Isaac, Robert	Washington, D. C.
Jackson, Mabel	Washington, D. C.
Kelly, Sally	Lawrenceville, Va.
LaCour, Gretchen	Lawnside, N. J.
Lewis, Leah	Richmond, Va.
Lewis, Sarah	Burgess, Va.
Mustapha, Jennie	Stratford, Conn.
Parkhurst, Jessie B.	Atlanta, Ga.
Pegram, Victoria	Gastonia, N. C.
Phillips, Pauline	Connellsville, Pa.
Scott, Josephine	Washington, D. C.
Spicer, Charles H.	Washington, D. C.
Sterling, May	Washington, D. C.
Thompson, Minnie B.	Washington, D. C.
Venie, Una F.	Washington, D. C.
Walton, Isabelle	Washington, D. C.
Winters, Ernestine M.	Washington, D. C.
Yoncy, Alice	New York City, N. Y.

S. A. T. C. UNIT

Bathey, Joseph	Baltimore, Md.
Boyd, Clarence	Norfolk, Va.
Frazier, Earl W.	Washington, D. C.
Gray, Harold W.	Norfolk, Va.
Hayes, Edward Gregory	Richmond, Va.

Howard, Emmanuel.....Wilkes-Barre, Pa.
 Jones, Clarence.....Newport News, Va.
 Lockett, Robert.....Alexandria, Va.
 Virgil, Lewis Henry.....Somerset, Ky.

SUMMARY

Fourth Year	4
Third Year	26
Second Year	12
First Year	11
Unclassified	31
S. A. T. C. Unit	9
	<hr/>
Total	93

GRADUATES, 1918

COLLEGE OF ARTS AND SCIENCES

BACHELORS OF ARTS :

Berry, Louis Hunton	Jackson, William Henry, Jr.
Burke, Walter Spurgeon	Jacobs, Malvenia Ethelyn
Calloway, Lettie Lucile	Miner, Uzziah
Carey, Richard Edmund	Myers, Perry Greenberry
Coleman, Arthur Temple	Nelson, Thomas Bernard
Coleman, Consulo Louisa	Taylor, Elsie Leigh
Crutchfield, Burke Burnette	Taylor, Horace Greely
Doby, Louis	Whiting, Elmer Jerome
Herndon, Lillian Evelyn	

BACHELORS OF ARTS *Cum Laude*

Board, Nannie Goodall	Mason, Ruth Marguerite
Byrd, DeReath Irene	Pelham, Gabrielle Dorothy
Caine, Anna Mae	Prout, Edna Marie
Dyett, Thomas B. D.	Sims, Pauline Jewette
Edwards, Mae Louise	Smith, Adelaide Delaine
Hill, Grace Margaret	Thomas, Julius Albert, Jr.

BACHELORS OF ARTS *Magna Cum Laude*

Webb, Mary Frances

BACHELOR OF SCIENCE, *Honorable Mention* :

Chaires, George Slatrer

BACHELORS OF SCIENCE

Bell, George Emmett	Key, George Raymond Francis
Carter, Marcus Hanna	Lofton, Melvin McKinley
DisMukes, Henry Dodford	Luck, Clyde Alexander
Harris, Bernard	Ross, Marshall Ellis
Holmes, Clarence Fitzhugh, Jr.	Tancil, Leon Algernon
Howard, Wloza Lee	Tucker, Jacob Trescott
Howard, Charles Bartholomew	Wilson, Harry Inge
Hunter, Jerome Harvy	Winston, James Frank
Jackson, Allen F.	Young, Walton Wheeler

HOWARD UNIVERSITY

SCHOOL OF EDUCATION

BACHELORS OF ARTS IN EDUCATION

Dennis, Benjamin F. White, Martha Anne
 Preston, Emmett D. Williams, Madeline

BACHELOR OF ARTS IN EDUCATION, *Honorable Mention*
 Coates, Vivian E.

BACHELOR OF ARTS IN EDUCATION, *Cum Laude*
 Coleman, Rosa B.

BACHELOR OF ARTS IN EDUCATION, *Magna Cum Laude*
 Smallwood, Ruth V.

BACHELORS OF SCIENCE IN EDUCATION

Bruce, John C.	Martin, Sadye Charlotta
Bushe, Gertrude V.	Miller, Ezekiel H.
Clarke, Madeline	Miller, Mary E., A. B.
Craig, Howard	Oden, Mabel C., A. B.
Hearn, Ethel M.	Peters, Constance C., A. B.
Jacobs, Harry U.	Plummer, Ethel L.

BACHELOR OF SCIENCE IN EDUCATION, *Cum Laude*
 Burnside, Marian T. Caesar, Olive C.

NON-DEGREE GRADUATES WITH DIPLOMA

Long, Odessa D.	Thomas, Hazel I.
Johnson, Blanche E.	Wilson, Fayette.

SCHOOL OF APPLIED SCIENCE

DIPLOMA

Freeman, Mary Augusta Warren, Eleanor Odessa

SCHOOL OF RELIGION

BACHELORS OF DIVINITY

Davis, Levi Wright	Pace, Arthur Harry
Hamilton, Walter George	Tross, Joseph Samuel Nathaniel
Henry, Daniel Adolphus	Woodley, Thomas Hilton

DIPLOMA

Forbes, Wilford Augustine	Johnson, David
Gray, Walter	Parham, Samuel Levenus
Hercules, James Festus	Turner, Sebastian David

MEDICAL COLLEGE

DOCTORS OF MEDICINE—27

Adams, George William, Jr., B. S., Dartmouth
Armstead, Abram De Laney, A. B., Howard
Brannon, William Griffith Carter, B. S., Howard
Brown, Lucius Horace, B. S., Howard
Butler, Felix Eugene, A. B., Howard
Cheney, Perry Wadsworth, A. B., Georgia
Cooper, Oscar James, A. B., Howard.
Davis, Raymond Anthony, A. B., Howard
Fisher, Charles Bennett, A. B., Pittsburgh
Ford, James Burnett, B. S., Howard
Hardeman, Elliot Haskell, A. B., Wiley
Harlee, Chauncy Mitchell Depew, A. B., Howard.
Harper, William Henry, B. S., Howard
Harris, Charles Young, A. B., Howard
Harrison, Joseph Plummer, B. S., Howard
Hawkins, James Blake, A. B., Howard
McCain, James Price, A. B., Livingstone
Magruder, William Francis, A. B., Dartmouth
Nelson, Thomas Walter, A. B., Howard
Perry, Golan Sampson, A. B., Shaw
Robinson, Kelly DeVan
Savoy, Walter Stanford, B. S., Howard
Scott, Luther James
Shirley, John Wallbridge
Warricks, John Thomas, A. B., Howard
Williams, Rutherford Marcus
Wilson, Wiley Merlio, Phar. D., Howard

DENTAL COLLEGE

Doctors of Dental Surgery—53

Astwood, Charles Eric
Banks, Leonard Angell
Banks, Thomas Jackson, B. Pd., Lincoln Institute
Blackwell, Arthur Brendhall
Cheevers, James Henry
Evelyn, Reginald George

Foreman, William Preston, A. B., Howard
Foster, William Harris
Garnes, Hasel Wooten
Garvin, Walter Benjamin
Gomez, Lamar Joseph
Green, Vernon Sylvester
Grinnage, Willard Thomas
Grymes, Milton James
Harris, Webster Lee
Hill, Seymour Scott, Jr.
Jackson, Robert Daniel
Jervay, Alonzo Webster
Landin, Howard Chester
Leary, Matthew Nathaniel, B. S., Biddle
Lee, James Elliott
Lord, Guy Adolphus
McAlister, Henry Adam
McKinney, Walter Victor
Malone, Thomas Nathan, B. S., Alcorn
Nicholson, Harvey Sylvester
Owens, Henry Franklin
Pookrum, Jasper Henry
Preston, Charles Watts
Pyles, Oreal De Armond, B. S., Kansas
Roach, Thomas Washington, B. P., Ky. Normal Inst.
Robinson, Alexander Wilfred
Savoy, Sevellon Davis
Schuster, Ernest Colbjornsen
Simkins, George Christopher, B. S., Claflin
Singleton, John Andrew
Smith, Albert Alexander
Spivey, Henry Perkins
Stafford, Alphonso Orenzo, Jr.
Sullivan, John Wright
Sykes, Frank Jehoy
Thompson, Carles Wilson, B. S., Howard
Walton, Adolphus
Ward, Milton Montgomery, B. S., Howard
Watts, John Edward

Wheaton, Layton Johnston, A. B.,
 Whisiker, Henry
 White, Goodloe, Durrett
 White, James Arthur
 Wilkin, Arthur Edmond
 Williams, Daniel Barclay
 Wiseman, Melancthon, J. D.
 Young, Kenneth Mertonel

PHARMACEUTIC COLLEGE

Doctors of Pharmacy—8

Ballard, William Henry, Jr.	Johnson, Nathaniel
Clark, Harold George	Miles, Ferdinand Alphonso
Greenfield, Vincent Marshall	Mitchell, John Stafford
Hayes, John Edward	Sweeney, Henry Clay

SCHOOL OF LAW

BACHELORS OF LAW

Booth, Guy Bryan	Henson, James Arthur
Brooke, Edward William	Key, Melvin Jefferson
Browne, Joseph Grant	Kirksey, Thomas, A. B.
Chaplin, Edmund Marion	Jackson, George Thomas, A. B.
Clayton, Benjamin Wilbon, A. B.	*Lascot, Pedro
Crawford, Robert Percy, B. S.	Lyons, Thaddeus
Dingle, John Gordon, A. B.	Mason, Charles Henry
Ellis, Percy Langston	McDonald, Warren Nicholas
Hayes, George Edward Chalmers, A. B.	Perry, Julian Walker
Hendley, Charles Vergne, A. B.	White, Herbert Ulysses

*Deceased.

REGISTER OF STUDENTS

Key to abbreviations: A. & S., College of Arts and Sciences; Educ., School of Education; App. S., School of Applied Science; Mus., School of Music; Rel., School of Religion; Med., College of Medicine; Dent., College of Dentistry; Phar., College of Pharmacy; Law, School of Law. 1, first year; 2, second year; 3, third year; 4, fourth year; Uncl., unclassified; Corr., correspondence (Only in School of Religion); Even., Evening (Only in School of Religion.)



Ackiss, Smallwood—A. & S.—1	Virginia Beach, Va.
Adams, Agnese—Mus.	Washington, D. C.
Adams, Beverly Lawrence—A. & S.—1.	Kimball, W. Va.
Adams, Julius McKinley—Educ.—3.	Moundsville, W. Va.
Adams, Osceola M.—A. & S.—Uncl.	Washington, D. C.
Addison, Mabel Irene—App. S.—1.	Baltimore, Md.
Alexander, Cordelia M.—A. & S.—1.	Bealton, Va.
Alexander, Paul Henry—Dent.—1.	Bridgeport, Ohio.
Allahar, Victor Emanuel—Law. 1.	Trinidad, B. W. I.
Allen, George Shafter—A. & S.—2.	Baltimore, Md.
Allen, Marian Minta—Educ. 1.	Brooklyn, N. Y.
Allen, Raymond F.—A. & S.—1.	Washington, D. C.
Allen, William Henry, B. S., Shaw—Med.—2.	New York, N. Y.
Allenby, Hubert A.—A. & S.—1.	Greenwich, Conn.
Allston, Julia Elizabeth—Educ.—2.	Newtonville, Mass.
Alston, Chester Prevard—App. S.—3.	Hartford, Conn.
Alston, Elsie—Mus.	Washington, D. C.
Ambrose, Daniel Webster—Educ.—1.	Lexington, Miss.
Anderson, Nathalie Bass—App. S.—2.	Wilmington, Del.
Anderson, Robert—Rel. Corr.	Washington, D. C.
Andrews, Everard E.—A. & S.—1. Mus.	Grenada, B. W. I.
Andrews, G. Aloysius—A. & S.—1.	St. Davids' Grenado
Andrews, Joseph F.—A. & S.—1.	St. Davids' Grenado
Andrews, Norman Percy—A. & S.—1.	Baltimore, Md.
Andrews, William T.—A. & S.—2.	Baltimore, Md.
Aquilar, Eline—Mus.	Milwaukee, Wis.
Armstead, H. D.—Rel.—Corr.	Lovelady, Tex.
Armstrong, Vincent Zabadle—App. S.—1.	Guthrie, Okla.
Aromi, Virgillo Rivera—Med.—1.	Ponce, Porto Rico.

Ashe, Amelia Martha—Educ.—2. ----- Washington, D. C.
 Ashe, Geraldine Wilson—A. & S.—2. ----- Washington, D. C.
 Atkinson, Whittier C.—A. & S.—1. ----- Brunswick, Ga.
 Austin, Damon F.—A. & S.—1. ----- Kentwood, La.
 Austin, Henry James, A. B., Lincoln—Med.—4. ----- Pittsburgh, Pa.

B

Bagnall, Wanser Idallah—Educ.—4.—Mus. ----- Norfolk, Va.
 Bailey, Eugene F.—A. & S.—1. ----- Ottumwa, Ia.
 Bailey, Flavius, J.—Mus.—Rel. ----- Howard, Mo.
 Bailey, Raymond—A. & S.—1. ----- Philadelphia, Pa.
 Baker, Edward Sherman, Jr. B. B., Kansas; Med. 4.—Kansas City, Mo.
 Baker, Henry C. P.—Rel.—Corr. ----- Winchester, W. Va.
 Ballard, Edward H.—A. & S.—1. ----- Lexington, Ky.
 Ballard, Orville Lee—Dent.—1. ----- Lexington, Ky.
 Bank, Edgar Homer—Law.—1. ----- Washington, D. C.
 Barber, Anna Caroline—Educ.—3. ----- Wheeling W. Va.
 Barbre, Bessie Taylor—A. & S.—Uncl. ----- Indianapolis, Ind.
 Barclay, Dewitt F.—A. & S.—1. ----- Philadelphia, Pa.
 Barnes, Noah Clifford—App. S.—1. ----- Washington, D. C.
 Baumgardner, Luther Ovid, A. B., Howard—Med. 3. ----- Columbia, S. C.
 Baxter, Irene Carye—A. & S.—1. ----- Jacksonville, Tex.
 Beckley, Alfred Kelso—Dent.—1. ----- Washington, D. C.
 Beckley, Clay Randolph—Phar.—1. ----- Washington, D. C.
 Becks, Godfrey Gerald—Dent.—2. ----- Staunton, Va.
 Bell, Fitz Herbert—A. & S.—1. ----- Bridgetown, Barbados.
 Bell, George Emmett, B. S., Howard—Med.—3. ----- Lawrenceburg, Ky.
 Bell, John Bethel, A. B., Lincoln—Med.—4. ----- Grady, Ark.
 Bell, William K.—A. & S.—1. ----- Beaufort, N. C.
 Bell, Mildred Keese—Educ.—1.—Mus. ----- Washington, D. C.
 Bellinger, Florence Cassle—App. S.—1. ----- Charleston, S. C.
 Benton, Edna Mae—A. & S.—2. ----- Fort Worth, Tex.
 Berry, Leou Austin—Dent.—2. ----- Conowingo, Md.
 Berwick, Richard Newall—Dent.—3. ----- Jamaica, B. W. I.
 Bevans, William A.—A. & S.—1. ----- Baltimore, Md.
 Bickford, Mable—Mus. ----- Washington, D. C.
 Bingham, Leroy W.—A. & S.—1. ----- Charleston, S. C.
 Black, Kareem—Med.—4. ----- Jamaica, B. W. I.
 Blackett, G. M.—Rel.—Corr. ----- Orlando, Fla.
 Blackett, Walter E.—Rel.—Corr. ----- Onitsha, S. P. B. W. A.

Blackiston, J. H.—Rel.—Corr.	Philadelphia, Pa.
Blanchard, Adelbert Burkhardt William—Rel.	Orange, N. J.
Blanchet, Louis G. Jr.—A. & S.—1.	New Orleans, La.
Blount, H. E.—Rel.—Corr.	Philadelphia, Pa.
Bolton, Lemuel D.—A. & S.—1.	Jacksonville, Fla.
Bonner, Embry C.—A. & S.—1.	Mobile, Ala.
Booker, Mary—Mus.	Washington, D. C.
Boone, John Royal—A. & S.—1.	Washington, D. C.
Borden, William F.—A. & S.—1.	Brooklyn, N. Y.
Boswell, J. M.—Rel.—Corr.	Summitt, Va.
Botts, Bernard—Rel.—Uncl.	Washington, D. C.
Botts, Fontaine Smith—Law—1.	Washington, D. C.
Bousch, Oliver Wynn—A. & S.—1.	Portsmouth, Va.
Bowser, Percy Irwin, A. B., Lincoln—Dent.—1.	Havre de Grace, Md.
Boyd, Charles Henry—Med.—4.	West Palm Beach, Fla.
Boyd, Charles S.—A. & S.—1.	Prescott, Ark.
Boykin, Alonzo Edward—Dent.—1.	Raleigh, N. C.
Bradley, Frank Ferrell—Dent.—3.	Roxbury, Va.
Branch, William H.—A. & S.—1.	Jersey City, N. J.
Brandon, William Burwell—Law—3.	Portsmouth, Va.
Brashear, Maurice P.—A. & S.—1.	Dallas, Tex.
Brawner, Roland A.—A. & S.—1.	Washington, D. C.
Braxton, C. H.—Corr.—Rel.	Huntington, Pa.
Bright, James Becton—Law—3.	Norfolk, Va.
Broadnax, John Henry—A. & S.—2.	Charleston, S. C.
Brooks, Albert Don—A. & S.—3.	Washington, D. C.
Brooks, Hildegard—Mus.	Washington, D. C.
Brooks, Joseph Hunter, B. S., Howard—Med.—3.	Staunton, Va.
Brooks, Mamie—Mus.	Washington, D. C.
Brown, Earl Louis—App. S.—1.	Alexandria, Va.
Brown, Edith Elizabeth—Educ.—3.	Washington, D. C.
Brown, Frankie D.—Mus.	Washington, D. C.
Brown, George William—A. & S.—2.	Louisville, Ky.
Brown, Helen Dorothea—App. S.—3.	Washington, D. C.
Brown, Herbert W.—A. & S.—1.	Washington, D. C.
Brown, James Felton—Dent.—1.	Gray, La.
Brown, Lillian Serena—A. & S.—2.	Washington, D. C.
Brown, Lorenzo Q.—A. & S.—1.	Louisville, Ky.
Brown, Marcel B.—A. & S.—1.	New York, N. Y.

Brown, Paul Irving—Educ.—3.	-----	Perry, N. Y.
Brown, Renard O.—A. & S.—1.	-----	Norfolk, Va.
Brown, Thomas Jacob, Jr.—A. & S.—3.	-----	Washington, D. C.
Browne, Richard T.—A. & S.—1.	-----	Knoxville, Tenn.
Bruce, Kitty Bythewood—A. & S.—3.	-----	Washington, D. C.
Bryan, Elbert Eure—Dent.—1.	-----	Tarboro, N. C.
Bryan, Julius J. C.—A. & S.—1.	-----	Rocky Mount, N. C.
Bryant, Joseph L.—Educ.—2.	-----	Eufaula, Ala.
Bryant, Molcoln A.—A. & S.—1.	-----	Chester, Pa.
Buckingham, Ruth Elizabeth—App. S.—1.	-----	Pittsburgh, Pa.
Budd, Arieta Victoria—Educ.—1.	-----	Washington, D. C.
Bugg, Margaret Brown—A. & S.—3.	-----	Lynchburg, Va.
Bunton, Ansel S.—A. & S.—1.	-----	Greenville, Miss.
Burke, Rosier—A. & S.—1.	-----	Alexandria, Va.
Burke, Walter Spurgeon, A. B., Howard—Law—1.	-----	Chester, Pa.
Burleigh Alston—Mus.	-----	Washington, D. C.
Burley, Louise C.—Mus.	-----	Baltimore, Md.
Burns, Inabel Frances—Educ.—3.—Mus.	-----	St. Joseph, Mo.
Burris, Lyman Benton—A. & S.—1.	-----	Paris, Mo.
Burton, George L.—Rel.—Corr.	-----	Jamesville, Va.
Butler, DeRuyter—A. & S.—1.	-----	Washington, D. C.
Butler, Leo Stanley—A. & S.—1.	-----	Baton Rouge, La.
Byers, Virgil B.—A. & S.—1.	-----	Houston, Tex.
Byrd, Claude, Otis, B. S., Alcorn—Dent.—2.	-----	Washington, D. C.
Byrd, Juanita Coleman—Educ.—4.	-----	Jersey City, N. J.
Byrd, Walter Franklin—A. & S.—2.	-----	Woods Cross Roads, Va.

C

Cain, Pearl Rubeana—Educ.—2.	-----	Lincoln Heights, D. C.
Calloway, Golden McKinley—Dent.—3.	-----	Marysville, Ohio.
Cambell, Elbert Carper—A. & S.—2.	-----	Charleston, W. Va.
Campbell, Daniel—Rel.—Corr.	-----	Morrilton, Ark.
Campbell, Gladys B.—Mus.	-----	Chicago, Ill.
Camper, Douglass James, A. B., Morgan—Dent.—1.	-----	Baltimore, Md.
Camper, John E. T., B. S., Howard—Med.—3.	-----	Baltimore, Md.
Canady, Eugene Miles—Dent.—2.	-----	Norfolk, Va.
Cannady, James T.—A. & S.—1.	-----	Norfolk, Va.
Cannady, Robert Ewell—A. & S.—1.	-----	Durham, N. C.
Cannady, Samuel M.—A. & S.—1.	-----	Durham, N. C.
Canty, James Carl—Educ.—3.	-----	Hartford, Conn.

Cardwell, Edna Lucille—Mus.	Birmingham, Ala.
Carpenter, Viola Frances—App. S.—3.	Topeka, Kan.
Carper, James Shelton, B. S., Lincoln—Med.—1.	Charleston, W. Va.
Carr, John Calvin, Phar. D., Howard—Dent.—2.	Salisbury, N. C.
Carr, Curtis—A. & S.—1.	Huntington, Pa.
Carrington, P. M. Prowell—Rel.—Corr.	Thomasville, Ga.
Carter, Clarence Ashton—Phar.—1.	Washington, D. C.
Carter, Lorenzo R.—A. & S.—1.	McDonald, Pa.
Carter, Stansbury Murray, A. B., Cornell—Med.—4.	Wilmington, Del.
Carter, William Justin, Jr.—A. & S.—3.	Harrisburg, Pa.
Cary, A. J.—Rel.—Corr.	Charlotte C. H., Va.
Cary, Richard Edmund, A. B., Howard—Law—1.	B. W. I.
Cash, Alva—Mus.	Winston-Salem, N. C.
Cash, Lucy Carr—A. & S.—4.	Charleston, W. Va.
Cassell, Louis A.—Dent.—1.	Baltimore, Md.
Cecil, Anna—Mus.	Johnson City, Tenn.
Chadwick, Elma—Mus.	Lynchburg, Va.
Chaires, George Slatrer, B. S., Howard—Med.—1.	St. Augustine, Fla.
Callenor, Robert Lincoln—Dent.—1.	Barbados, B. W. I.
Chané, Albert Elkanah—A. & S.—2.	B. W. I.
Chandler, Edith—A. & S.—Uncl.	Washington, D. C.
Chapman, W. Ulam Russell—A. & S.—2.	Uniontown, Pa.
Chase, Leonard Alfred—Dent.—4.	Baltimore, Md.
Chatman, George Andrew—Dent.—1.	Philadelphia, Pa.
Cheevers, Samuel Robert—App. S.—1.	Albany, Ga.
Chiles, John—Dent.—1.	Staunton, Va.
Chisholm, Gibbs, A. B., Biddle—Med.—4.	Frogmore, S. C.
Chloe, James—Mus.	Morgantown, W. Va.
Christian, Hubert—Dent.—1.	Detroit, Mich.
Christian, Peter Charles—Educ.—1.	Dominica, B. W. I.
Christian, Albert Leonard, B. S., Howard—Med.—2.	Yorktown, Va.
Christmas, Bernard Nathaniel—A. & S.—1.	Baltimore, Md.
Chubb, Louis de Gonzaga Anderson—Med.—3.	St. Lucia, B. W. I.
Clark, Ray Arlando—Law—1.	Washington, D. C.
Clarke, Carol M.—Mus.	Washington, D. C.
Clayton, Norma Belle—Educ.—4.	Lynchburg, Va.
Cleaver, Arizona L.—Educ.—1.	Hannibal, Mo.
Cobbs, Price Peter, B. S., Howard—Med.—4.	Barboursville, W. Va.
Cogdell, Lottie—Mus.	Fayetteville, N. C.

Cole, Simon J.—A. & S.	Miridian, Miss.
Coleman, Adele E.—Educ.—4.	Washington, D. C.
Coleman, Arthur Temple—Rel.—3.	Washington, D. C.
Coleman, Mabel Theresa—A. & S.—3.	Washington, D. C.
Coleman, Nathaniel Henry—Dent.—3.	Albany, N. Y.
Coleman, William Perry, Ph. G., Shaw—Dent.—3.	El Paso, Tex.
Collett, T. E.—Rel.—Corr.	White Sulphur, W. Va.
Colley, Edward—Mus.	Cincinnati, Ohio.
Colley, Joel Jennings—Rel.—Even.	Washington, D. C.
Collins, Agnes B.—A. & S.—1.	Sewickley, Pa.
Collins, John—Rel.—Even.	Washington, D. C.
Collins, Ruby—Mus.	Washington, D. C.
Collymore, Errold D.—A. & S.—1.	New York, N. Y.
Commissiong, Leo Raphael, A. B., Lincoln—Med.—3.	Trinidad, B. W. I.
Conyers, Edwin H.—A. & S.—1.	Charleston, S. C.
Cook, Dorothy—Mus.	Washington, D. C.
Cook, Jonathan R. Contee, B. S., Howard—Med.—2.	Washington, D. C.
Cooke, Christopher Columbus, A. B., Howard—Med.—2.	Richmond, Va.
Cooper, Anna Elizabeth—Educ.—2.	Monrovia, Liberia.
Cooper, Claude W.—Dent.—1.	Riverhead, N. Y.
Cooper, Henry—Rel.—Corr.	Philadelphia, Pa.
Cooper, Mamie Consuello—A. & S.—4.	Washington, D. C.
Cooper, Ollie May—Law—1.	Washington, D. C.
Cooper, William Marion—Dent.—2.	New York, N. Y.
Corbitt, Thomas C.—A. & S.—1.	Enterprise, Ala.
Corom, Albert—A. & S.—1.	Washington, D. C.
Coston, Wayman Rutherford—A. & S.—1.	Brooklyn, N. Y.
Cotton, T. W.—Rel.—Corr.	Oceania, Va.
Coulbourn, J. S.—Rel.—Corr.	Wattsville, Va.
Cousins, Grace—A. & S.—3.	Cleveland, Ohio.
Cowan, Harvey Stanton—Dent.—1.	Cleveland, Ohio.
Coward, B. P.—Rel.—Corr.	Wilson, N. C.
Coward, O. W.—Rel.—Corr.	Durham, N. C.
Craft, Julia Ellen—A. & S.—4.	Charleston, S. C.
Crawford, Allan H.—A. & S.—1.	Pittsburg, Pa.
Crice, Hazel Elvira—Educ.—4.	Louisville, Ky.

Crutchfield, Samuel Burke, A. B., Howard—Dent.—1.-----	Wichita Falls, Tex.
Cuney, Waring—Mus.-----	Washington, D. C.
Cupid, Isaac Newton Tancil—A. & S.—1.-----	Washington, D. C.
Curtis, George Dewey—A. & S.—1.-----	Washington, D. C.

D

Dames, Jonathan Alexander—Rel.—2.-----	Jacksonville, Fla.
Dancy, Joseph Price, B. S., Pittsburg—Med—3.-----	Washington, D. C.
Daniel, Gilbert O.—A. & S.—1.-----	Washington, D. C.
Darden, Manila—A. & S.—4.-----	El Paso, Tex.
Dash, Ardeneze—Dent.—1.-----	New York, N. Y.
Davis, Dorothy Margaret—A. & S.—2.-----	Haverhill, Mass.
Davis, George W.—A. & S.—1.-----	Birmingham, Ala.
Davis, Harvey Franklin—Med.—1.-----	Chase City, Va.
Davis, Helen Burnette—Educ.—2.-----	Raleigh, N. C.
Davis, James Taylor—Med.—3.-----	Jamaica, B. W. I.
Davis, Melvin Reid—A. & S.—3.-----	Washington, D. C.
Davis, Pauline Iola—Educ.—1.-----	Washington, D. C.
Day, Nannie—Educ.—4.-----	Dallas, Tex.
De Oranzella—Ref.—Corr.-----	Washington, D. C.
DeFrantz, Robert Benjamin—Law—1.-----	Washington, D. C.
Delph, Walter Ivey—Med.—1.-----	Chester Heights, Pa.
Denman, Hugh Lishus—Rel.—Eve-----	Washington, D. C.
Denny, Pearl—Mus.-----	Washington, D. C.
Dent, Roberta Cohran—A. & S.—4.-----	Washington, D. C.
Derrick, Jacob J.—Rel.—Corr.-----	Newark, N. J.
Derrick, James E.—A. & S.—1.-----	Knoxville, Tenn.
DesJournette, Harriet Hattie—App. S.—2.-----	Seattle, Wash.
DesMukes, Joberta Ida—A. & S.—4.-----	Washington, D. C.
Dibble, Eugene Heriot, Jr., A. B., Atlanta—Med.—	Camden, S. C.
Dickerson, Enoch Wright, Phar. D., Howard—Dent—3.-----	Baltimore, Md.
Dickerson, Sumter—A. & S.—1.-----	Harrisburg, Pa.
Dingle, Edmund Willis—App. S.—1.-----	Charleston, S. C.
Dismukes, Henry Dodford, B. S., Howard—Med.—2.-----	Montgomery, Ala.
Dixon, Votie D.—A. & S.—1.-----	Harmond, Tex.
Doby, Lewis, A. B., Howard—Law—2.-----	Madison, Ala.
Donawa, Arnold Bennett—Dent.—1.-----	Port of Spain, Trinidad

Dooley, Bernard T.—A. & S.—1.	St. Louis, Mo.
Dorsey, Harriet Anna—A. & S.—2.	Chevy Chase, Md.
Dorsey, Marion A.—Mus.	Washington, D. C.
Douglass, Harvey Clayton—App. S.—1.	Akron, Ohio.
Douglass, Stanley Moreland—A. & S.—3.	Mechanic Station, N. J.
Dowd, John A.—Rel. Corr.	Hemp, N. C.
Downing, Lewis King—App. S.—3.	Roanoke, Va.
DuBissette, Hyacinthe Eustace—Dent.—3.	Grenada, B. W. I.
DuBissette, Michael Edmund, B. S., Shaw—Med.—2.	St. Georges, B. W. I.
Dudley, Herbert L.—A. & S.—1.	Dallas, Tex.
Dudley, Jennie Leola—Educ.—3.	Norfolk, Va.
Duhaney, Amy Elise—Dent.—3.	Jamaica, B. W. I.
Duncan, Armstead S.—Law—1.	Atlanta, Ga.
Duncan, John W.—A. & S.—1.	Paris, Ky.
Dunn, Joseph Fairley—Rel.—3.	Snow Hill, N. C.
Dunning, Benjamin Flinault—Law—3.	Norfolk, Va.
Dunson, Peter Cornelius—App. S.—1.	Monrovia, Montserrado, Lib.
Durkee, J. Stanley—Mus.	Washington, D. C.
Dyer, Benjamin—A. & S.—1.	New York, N. Y.
Dyett, Albert Ernest—A. & S.—2.	New York, N. Y.
Dyett, Thomas Benjamin Darrell, A. B., Howard—Law—2.	New York, N. Y.
Dyson, Harry Alford—Law—3.	Washington, D. C.

E

Eagland, Albert—Educ.—2.	Washington, La.
Earle, John Duncan—Phar.—3.	Brooklyn, N. Y.
Easter, Benjamin F.—A. & S.—1.	New Orleans, La.
Eaton, Robert—Rel.—Corr.	Forest Hill, L. I., N. Y.
Edwards, Conrad Alpheus, B. S., Shaw—Med.—2.	Barbados, B. W. I.
Edwards, Elmer Dewey—Dent.—2.	Washington, D. C.
Edwards, Lena F.—A. & S.—1.	Washington, D. C.
Elliot, Kennedy—A. & S.—1.	Huntington, W. Va.
Elliott, Lester Stanley—Dent.—1.	Portsmouth, Va.
Ellis, Roy—A. & S.—1.	Washington, D. C.
Ennis, James E.—Rel.—Even.	Washington, D. C.
Ephraim, Robert L.—A. & S.—1.	Oklahoma City, Okla.
Eskridge, Leon Alexander—A. & S.—3.	Washington, D. C.
Euell, Mary C.—Phar.—3.	Washington, D. C.

Evans, Clarence Carnot—A. & S.—1. ----- Washington, D. C.
 Evans, Julian J.—A. & S.—1. ----- West Point, Miss.

F

Fairclough, George Ellis—Dent.—1. ----- Colon, Panama.
 Fairclough, Lewis Hyman—Dent.—1. ----- Colon, Panama.
 Fairfax, John Henry—Rel.—Uncl. ----- McLean, Va.
 Fairweather, Charles Andrew—Med.—2. ----- Panama, R. P.
 Fayerman, Fannie—Educ.—2. ----- Petersburg, Va.
 Fennell, Theresa Irene—Phar.—1. ----- Baltimore, Md.
 Ferguson, Arthur Wilfred—App. S.—1. ----- Richmond, Va.
 Ferris, George E.—Rel.—Corr. ----- Asbury Park, N. J.
 Finkley, Willia Mae—A. & S.—1.—Mus. ----- Waterbury, Conn.
 Fisher, Abraham Benjamin—Rel.—Even. ----- Washington, D. C.
 Fitzgerald, Clemens H.—A. & S.—1. ----- Montclair, N. J.
 Fitzgerald, John M.—A. & S.—1. ----- Baltimore, Md.
 Fleming, Archie Royal—Med.—4. ----- Newport News, Va.
 Foeman, Samuel Gary—Dent.—3. ----- New Haven, Conn.
 Foote, Leonard H. B.—A. & S.—1. ----- Cockeysville, Md.
 Ford, R. W.—Mus. ----- Washington, D. C.
 Foreman, Anita Bernice—A. & S.—2. ----- Washington, D. C.
 Foster, William Henry, B. S., Howard—Med.—3. ----- New York, N. Y.
 Fowlkes, Leslie Arthur—Dent.—3. ----- Burkeville, Va.
 Frazier, Robert B.—A. & S.—1. ----- Charleston, S. C.
 Freeman, Dorothy—A. & S.—Uncl. ----- Washington, D. C.
 French, William Sidney—Rel.—1. ----- Jacksonville, Fla.
 Friday, Clarence C. B.—A. & S.—1. ----- San Antonio, Tex.
 Fulford, Walter Columbus—Educ.—Uncl. ----- Norfolk, Va.
 Fuller, Clarice Jeannette—App. S.—1. ----- New Haven, Conn.
 Fuller, Emmaison D.—A. & S.—1. ----- New Haven, Conn.

G

Gaikins, George Alvin, A. B., Philander Smith—Med.—2. ----- Tillar, Ark.
 Gainous, A. L.—Rel.—Corr. ----- Gretna, Fla.
 Gambrell, Horace L.—A. & S.—1. ----- Washington, D. C.
 Gates, George Henry, A. B., Lincoln—Med.—4. ----- Cumberland, Md.
 Gatewood, Addie Beatrice—Dent.—2. ----- Richmond, Va.
 Gardner, Julius Meredith—App. S.—1. ----- Charleston, W. Va.
 Gardner, M. Cathryn—A. & S.—1. ----- Memphis, Tenn.
 Garner, Helen Cynthia—Educ. 2. ----- Washington, D. C.

Garner, Portia Lavinia—Educ.—1.	Washington, D. C.
Garner, Smith Maynard—A. & S.—1.	Washington, D. C.
Garner, Sylvia Esther—Mus.	Washington, D. C.
Garnet, George Washington—A. & S.—3.	Hollidaysburg, Pa.
Garret, Mabel—A. & S.—2.	Washington, D. C.
Garrick, Winfred E.—Rel.—Corr.	Lincoln University, Pa.
Gee, Allen Clifton—App. S.—1.	Baltimore, Md.
Georges, Thomas Walford—Med.—1.	Road Town, Tortola, B. W. I.
Geter, Howard David—A. & S.—2.	Dayton, Ohio.
Ghan, Glodie—Dent.—2.	Bloomington, Ind.
Gibbs, Benjamin Disraeli—Dent.—3.	Barbados, B. W. I.
Gibbs, Mifflin T.—A. & S.—1.	Tallahassee, Fla.
Gibson, Lloyd Miller—Law—1.	Evansville, Ind.
Gibson, Mabel May—A. & S.—4.	Washington, D. C.
Gibson, Porter—Rel.—Corr.	Gibson, N. C.
Gibson, William Marvin—Rel.—2.	Smith Mills, Ky.
Giddens, Henry Augustus Littleton—A. & S.—3.	Waco, Tex.
Gilmore, Allen Chauncey—A. & S.—1.	Washington, D. C.
Gilpin, Zenobia Gustava—A. & S.—2.	Richmond, Va.
Givens, Mary Ann—A. & S.—2.	Louisville, Ky.
Glascoc, Milton Marcellus—A. & S.—2.	Washington, D. C.
Godden, Charles Samuel—Dent.—3.	Jamaica, B. W. I.
Goff, Charles E.—Rel.—Corr.	Camden, Miss.
Goin, Suzanne—A. & S.—1.	Birmingham, Ala.
Goins, James Garfield—Rel—Uncl.	Washington, D. C.
Gonzalez, Muguel Moreno—App. S.—1.	
	Esquerray San Mateo, Santa Clara, Cuba.
Goden, Earl Lucus, B. S., Howard—Med.—2.	Parkersburg, W. Va.
Goodloe, Don Burrus—A. & S.—3.	Bowie, Md.
Goodloe, Wallace Anderson—A. & S.—3.	Bowie, Md.
Goodloe, William Andrew—A. & S.—3.	Washington, D. C.
Gordon, Ernest Arnold—A. & S.—2.	Savannah, Ga.
Gordon, James H.—Rel.—Corr.	Savannah, Ga.
Gordon, Rudolph Nathaniel—Dent.—1.	Panama, R. P.
Gordon, William—Rel.—2.	Norfolk, Va.
Gough, William Irving—App. S.—1.	Plus, W. Va.
Graddick, Lester Weston—A. & S.—1.	Charleston, S. C.
Grady, D. L.—Rel.—Corr.	Wilmington, N. C.
Graham, Beatrice O.—A. & S.—1.	Philadelphia, Pa.

Granady, James T. W., B. S., Howard—Med.—3.	.....	New York, N. Y.
Grant, Benjamin—Dent.—1.	.....	Morristown, N. J.
Grant, Carolyn Virginia—Educ.—4.—Mus.	.....	Fredericksburg, Va.
Grant, Claudia May—App. S.—1.	.....	Wadley, Ga.
Grant, Joseph G.—Rel.—Corr.	.....	Washington, D. C.
Grant, Joseph Gay—Rel.—3.	.....	Richmond, Va.
Graves, Willis Matthew, Jr.,—Law—2.	.....	W. Raleigh, N. C.
Gray, Clarence Colder—Dent.—2.	.....	Washington, D. C.
Green, C. E.—Rel.—Corr.	.....	Lawrenceville, Va.
Green, Charles Henry—Rel.—1.	.....	Washington, D. C.
Green, Clarence—A. & S.—1.	.....	Norfolk, Va.
Green, Fairfax Helen—Mus.	.....	Washington, D. C.
Green, Geroge (Miss)—Educ.—2.	.....	Pittsburg, Pa.
Green, James Edgar—Rel.—Uncl.	.....	Washington, D. C.
Green, Mamie Louisa—App. S.—3.	.....	Macon, Ga.
Green, Patience—Mus.	.....	Washington, D. C.
Greene, Arthur Alonzo—App. S.—1.	.....	St. Louis, Mo.
Greene, J. A. C.—Rel.—Corr.	.....	Grafton, W. Va.
Griffin, J. E.—Rel.—Corr.	.....	Richmond, Va.
Griffin, J. F.—Rel.—Corr.	.....	Mobile, Ala.
Gross, Clarence Francis—App. S.—1.	.....	Baltimore, Md.
Gross, Robert H.—Rel.—Corr.	.....	Baltimore, Md.
Gundy, Esther—Mus.	.....	Haverhill, Mass.
Gunthrope, Uriel Sigismund—Dent.—2.	.....	New Rochelle, N. Y.
Gurley, Charles Herbert—A. & S.—1.	.....	Coney Island, N. Y.

H

Hadley, Arthur Edwin—App. S.—1.	.....	St. Louis, Mo.
Hallstalk, Jessie Frenciener—A. & S.—4.	.....	Washington, D. C.
Hall, George Edgar, A. B., Howard—Law—3.	.....	Greenville, Ky.
Hamilton, Acynthia—A. & S.—1.	.....	Deanwood, D. C.
Hamilton, John Clifton—Phar.—3.	.....	Washington, D. C.
Hamlett, Horace Irwin Taylor—Dent.—1.	.....	Colon, Panama.
Hammond, Clarence James—Dent.—1.	.....	Baltimore, Md.
Hanna, Walter Sylvester, B. S., Howard—Med.—4.	.....	Charleston, S. C.
Hardge, E. S.—Rel.—Corr.	.....	Des Moines, Iowa.
Hardwick, Pezavia Eugene—App. S.—1.	Savannah, Ga.
Hargis, D. H.—Rel.—Corr.	Wilmington, Del.
Harper, Emily Mae—A. & S.—4.	Chicago, Ill.
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Harris, Daniel LeRoy—App. S.—1.	Norwich, Conn.
Harris, James Louis—A. & S.—3.	Portsmouth, Va.
Harris, John O. S.—Dent.—1.	Washington, D. C.
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Harris, Vantele C.—Mus.	Washington, D. C.
Harris, Violet—Mus.	Washington, D. C.
Harris, William Percival—Phar.—2.	Athens, Ga.
Harrison, Frank Goodall—Educ.—Uncl.	Austin, Tex.
Harrison, Franklin—Mus.	Austin, Tex.
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Hartgrove, Louise—Mus.	Washington, D. C.
Hastle, William—Mus.	Washington, D. C.
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Hawkins, Walter Everett—Law—1.	Washington, D. C.
Haydel, Clarence Cleman—Med.—1.	Wallace, La.
Hayling, William Samuel—A. & S.—3.	New York, N. Y.
Haynes, Elizabeth R.—Mus.	Washington, D. C.
Hayward, James Abraham—Rel.—2.	Houston, Tex.
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Henderson, William Thomas—Rel.—Even.	Washington, D. C.
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Henry, Raymond Augustus—A. & S.—2.	Asbury Park, N. J.
Herndon, Pearl Helena—A. & S.—2.	Washington, D. C.
Herndon, Robert Wilton, Jr.—Law—2.	Houston, Tex.
Herring, L. P.—Rel.—Corr.	Rocky Mt., Va.
Hewlett, James Henry—Law—2.	Philadelphia, Pa.
Hewlett, Mary E.—A. & S.—Uncl.	Washington, D. C.
Hicks, Lankford C.—A. & S.—1.	Norfolk, Va.
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Hill, George Henry—A. & S.—4.	Montclair, N. J.
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Hill, Josephine Beatrice—Educ.—1.	Pueblo, Colo.

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I

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Lofton, William Garvin, Med—1.	Jacksonville, Fla.
Logan, Paul Howard—App. S.—1.	Tuskegee, Ala.
Lomax, Saywood—Rel.—Even.	Washington, D. C.
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Lucas, Ruby—Mus.	Washington, D. C.
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Lyman, Webster Shoewalter—Law—3.	Marysville, Ohio.

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McDowell, Emma Pauline—Educ.—1.	Washington, D. C.
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 Marshall, Lawrence Henry—Med.—3. ----- Camden, N. J.
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 Miller, Isaac Newton—A. & S.—4. ----- Washington, D. C.
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Moore, Lewis Tanner—Mus.—Educ.—Uncl.	Washington, D. C.
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N

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O

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Picou, Alexander Reginald—Dent.—3.	Trinidad, B. W. I.
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Pinn, James—Mus.	Washington, D. C.
Piper, Paul Edward—A. & S.—3.	Washington, D. C.
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Q

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R

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Ragsdale, Randolph David—App. S.—3.	Newburgh, N. Y.
Rainey, Joseph Lorenzo, Jr.—Law—2.	Newport News, Va.
Ramseur, C. V.—Rel.—Corr.	Charlotte, N. C.
Randolph, Grace—Mus.	New York, N. Y.
Rankin, Frank Stephen—A. & S.—4.	Savannah, Ga.
Rasin, Malachi—Rel.—Corr.	Townsend, Del.
Ray, Joseph Harold—Dent.—1.	Newton, Conn.
Rector, John King, A. B., Williams—Med.—2.	Washington, D. C.
Reddix, William Moatog—A. & S.—2.	Washington, D. C.
Redmond, John Dennis—Law—3.	Holly Grove, Ark.
Redmond, Myrtle Pearle—Educ.—2.	San Antonio, Tex.
Reed, D. L.—Rel.—Corr.	Fredericksburg, Va.
Reese, Perry A.—A. & S.—1.	Dover, Del.
Reese, William Hobart—A. & S.—4.	Kansas City, Mo.
Reeves, Edwina Mae—Dent.—1.	Suffolk, Va.
Reeves, John Luther—A. & S.—2.	Philadelphia, Pa.
Reid, Forest Monroe, A. B., Livingstone—Med.—3.	Lowell, N. C.
Rembert, Richard Warner—Rel.—Uncl.	Selma, Ala.
Rhetta, Mary B.—A. & S.—1.	Baltimore, Md.
Rice, Russell Viley, A. & S.—1.	Louisville, Ky.
Richardson, Alonzo—Rel.—Corr.	Washington, D. C.
Richardson, Arthur St. George—App. S.—1.	Oberlin, Ohio
Richardson, Francis Nelson—A. & S.—2.	Washington, D. C.
Richardson, Perry Scott—A. & S.—2.	New Rochelle, N. Y.
Richardson, Peter Lessecen—A. & S.—2.	Louisville, Ky.
Richmond, Addison Edward—App. S.—1.	Monck's Corner, S. C.

Riddick, Vernon Cornelius—A. & S.—3.	Portsmouth, Va.
Riley, Claude A.—A. & S.—1.	Houston, Tex.
Risien, Harry—Rel.—Corr.	New York, N. Y.
Rivers, Eleanor—A. & S.—Uncl.	Washington, D. C.
Roach, Charles Archibald—Dent.—1.	-----
	St. Augustine, St. Georges, B. W. I.
Roach, T. E.—Rel.—Corr.	New Haven, Conn.
Roberts, Howard Clairmonte—Dent.—3.	Barbadoes, B. W. I.
Roberts, James C.—A. & S.—1.	Baltimore, Md.
Robeson, William Drew, Jr., A. B., Lincoln—Med.—2.	-----
	Somerville, N. J.
Robinson, Atherton—App. S.—1.	Huntington, W. Va.
Robinson, Cyril Fitzherbert—A. & S.—2.	New York, N. Y.
Robinson, Dorothy Hill—Educ.—4.	Washington, D. C.
Robinson, Grand McKinley—A. & S.—1.	Martinsburg, Va.
Robinson, Harriet McCannon—Educ.—2.	Washington, D. C.
Robinson, John B.—Rel.—Uncl.	Washington, D. C.
Robinson, Norman Eugene—A. & S.—2.	Savannah, Ga.
Robinson, Perry Dovan—A. & S.—1.	Lexington, Ky.
Robinson, Robert Whitfield—Law—3.	Washington, D. C.
Robinson, Walter R.—A. & S.—1.	Chester, Pa.
Rolerfoot, Louis Preston—Dent.—2.	Newark, N. J.
Rolon, Jose A.—Med.—2.	Coamo, Porto Rico
Ross, James E.—A. & S.—1.	Washington, D. C.
Ross, Marshall Ellis, B. S., Howard—Med.—1.	Newport, R. I.
Ross, Myron R.—A. & S.—1.	Washington, D. C.
Ross, Oliver Allison—A. & S.—3.	Louisville, Ky.
Roulhac, Edward George—Rel.—Uncl.	Washington, D. C.
Roy, Charles Max—Dent.—2.	Lafayette, La.
Rucker, Ainsworth Spoffard—A. & S.—4.	Washington, D. C.
Russell, Aaron Stanislaus—Dent.—1.	Washington, D. C.
Russell, Pickney Warren, Jr., A. B., Biddle—Dent.—1.	-----
	Charlotte, N. C.

S

Sampson, Antoinette Josephine—Phar.—1.	Washington, D. C.
Sampson, John Patterson, Jr., B. S., Howard—Med.—3.	-----
	Asbury Park, N. J.
Saunders, Frank Augustus, B. S., Howard—Med.—3.	-----
	Baltimore, Md.

Savoy, Leonard Douglas—Dent.—2.	-----	Washington, D. C.
Sawyers, J. H.—Rel.—Corr.	-----	Fentress, Va.
Scarlett, Annie Mazura—A. & S.—2.	-----	Brunswick, Ga.
Scott, John Thomas—Dent.—1.	-----	Lynchburg, Va.
Scott, Josephine E.—Educ.—4.	-----	Washington, D. C.
Scott, Monroe—Phar.—1.	-----	Baltimore, Md.
Scott, Thomas Augustine—A. & S.—1.	-----	Washington, D. C.
Scruggs, Ivorite Lorimer, B. S., Howard—Med.—4.	-----	Memphis, Tenn.
Segue, Taylor—Dent.—1.	-----	New Orleans, La.
Selden, Agnes E.—A. & S.—1. Mus.	-----	Norfolk, Va.
Semby, George H.—A. & S.—1.	-----	Lutherville, Md.
Sessoms, William Mason—Dent.—2.	-----	Nashville, N. C.
Sewell, John W.—A. & S.—1.	-----	Washington, D. C.
Seymour, Helen Louise—Educ.—1.	-----	Yonkers, N. Y.
Shannon, Mary Ellen—App. S.—2.	-----	Newcastle, Pa.
Sharpe, George—Mus.	-----	Washington, D. C.
Shaw, Mayme Lee—Educ.—1.	-----	Dayton, Ohio
Sheffield, Orville Roslyn, A. B., Shaw—Med.—4.	-----	Chicago, Ill.
Sheppard, J. D.—Rel.—Corr.	-----	Roslyn Heights, D. C.
Sherrill, George William, A. B., Livingstone—Med.—3.	-----	Landis, N. C.
Shields, Matthew W.—A. & S.—1.	-----	Dayton, Ohio
Shirley, Farnadis—Dent.—2.	-----	Birmingham, Ala.
Shortridge, William E.—A. & S.—1.	-----	Ensley, Ala.
Simmons, Arthur—A. & S.—2.	-----	Washington, D. C.
Sims, Houston—A. & S.—1.	-----	Birmingham, Ala.
Skinker, Lillian Rose—Law—1.—A. & S.—5.	-----	Washington, D. C.
Slater, William H.—Rel.—Corr.	-----	New Rochelle, N. Y.
Slaughter, Norean M.—A. & S.—1.	-----	Chillicothe, Mo.
Smith, Alma Poole—A. & S.—4.	-----	Washington, D. C.
Smith, Andrew—Rel.—Uncl.	-----	New Orleans, La.
Smith, Dora—Mus.	-----	Washington, D. C.
Smith, Ebenezer Knox, A. B., Knoxville—Med.—3.	-----	Knoxville, Tenn.
Smith, Emory Byington, B. D., Howard; S. T. B., Yale—Law—3.	-----	Washington, D. C.
Smith, E. P.—Rel.—Corr.	-----	Carnegie, Pa.
Smith, Fred. A.—A. & S.—3.	-----	Pittsburgh, Pa.
Smith, Ira—Educ.—3.	-----	Hillburn, N. Y.
Smith, Isaac H.—A. & S.—1.	-----	New Bern, N. C.

Smith, Julius A.—A. & S.—1.	Middleburg, Va.
Smith, Marcus W.—Rel.—Corr.	New York, N. Y.
Smith, Margaret C.—A. & S.—1.	Washington, D. C.
Smith, Marguerite—Mus.	Washington, D. C.
Smith, Myra Lyle—A. & S.—2.	Bordentown, N. J.
Smith, Richard Allyn—Phar.—2.	Troy, Pa.
Smother, Maude—Mus.	Washington, D. C.
Snyder, Benjamin F.—A. & S.—1.	Rock Port, Ind.
Snyder, Helen Emily—Educ.—1.	Tyrone, Pa.
Sorrels, George C.—A. & S.—1.	Wilkes Barre, Pa.
Sparrow, Henry C.—A. & S.—1.	New Bern, N. C.
Spence, Sadye—A. & S.—1.	Norfolk, Va.
Spriggs, Henry Washington—Rel.—Uncl.	Washington, D. C.
Spriggs, Tolly Bernard, Jr.—A. & S.—2.	Washington, D. C.
Stamps, Alva P.—A. & S.—1.	Marlin, Tex.
Stanton, G. Holton—Rel.—Corr.	New Britian, Conn.
Starks, Marie Johnetta—A. & S.—2.	Dallas, Tex.
Starks, Samuel Lumpkin, A. B., Paine—Med.—3.	Toronto, Ont.
Steele, James A.—Rel.—Corr.	Samantha, Ala.
Stephens, A.—Rel.—Corr.	Riverdale, N. C.
Stephens, J. H.—Rel.—Corr.	Washington, D. C.
Stephenson, Ruth Lydia—A. & S.—4.	Charleston, W. Va.
Sterrett, John Victor—A. & S.—1.	Dover, Del.
Stevens, George Edison—App. S.—1.	Akron, Ohio
Stevens, Thomas A.—A. & S.—Uncl.	Washington, D. C.
Stevens, W. Marion—A. & S.—1.	Fayetteville, N. C.
Steward, Seth Fred—A. & S.—1.	Frogmore, S. C.
Stokes, Louise—Educ.—3.	Petersburg, Va.
Stokes, V. V. K.—Rel.—Corr.	Baltimore, Md.
Stone, Emmons Braxton—Med.—2.	Selma, Ala.
Stowe, Arnold E.—A. & S.—1.	Flatts, Bermuda
Stratton, Harold Counsellor, B. S., Howard—Med.—4.	Doylestown, Pa.
Stratton, James Ellsworth—Law—1.	Doylestown, Pa.
Stultz, Christopher C.—A. & S.—1.	Madison, N. C.
Suthern, W. B.—Rel.—Corr.	Harrisburg, Pa.
Sutton, Carrie Jane—Med.—3.	San Antonio, Tex.
Sutton, George Church, A. B., Western Reserve—Med.—4.	Cleveland, Ohio.

Sweet, Ossian Haven, B. S., Wilberforce—Med.—2. ---Bartow, Fla.

T

- Talbert, Elizabeth R.—A. & S.—1. -----Wilberforce, Ohio.
 Talbert, Florence Olympia—Mus. -----Washington, D. C.
 Tancil, Leon Algernon, B. S., Howard—Med.—2. ---Alexandria, Va.
 Tansil, Alonzo Ezra—Law.—3. -----Mound City, Ill.
 Tappe, Ruth Eliza—Educ.—4. -----Lynchburg, Va.
 Tardd, Heriman C.—A. & S.—1. -----Houma, La.
 Taylor, Charles H.—A. & S.—1. -----Cincinnati, Ohio.
 Taylor, Charles R. S.—Educ.—1. -----Bowling Green, Ky.
 Taylor, Ernest A.—Rel.—Corr. -----Trinidad, B. W. I.
 Taylor, Henry Clinton—A. & S.—1. -----Washington, D. C.
 Taylor, James H.—App. S.—1. -----Snelling, Minn.
 Taylor, James Harvey—Dent.—1. -----Lexington, Ky.
 Taylor, James Henry—A. & S.—1. -----Guthrie, Okla.
 Taylor, Robert Beecher, A. B., Union—Dent.—3. ---Richmond, Va.
 Taylor, Robert Rochon—App. S.—1. -----Tuskegee, Ala.
 Taylor, Viola Treara—Educ.—3. -----Washington, D. C.
 Taylor, William Edward—Dent.—3. -----Washington, D. C.
 Terrell, Ollie Mae—Mus. -----Savannah, Ga.
 Tharp, James—Rel.—Corr. -----Plymouth, N. C.
 Thomas, Charles Sumner—Law—1. -----Washington, D. C.
 Thomas, Edgar—Med.—1. -----Mt. Gilead, N. C.
 Thomas, Gilbert Newton—Dent.—1. -----Jamaica, B. W. I.
 Thomas, Julius—A. & S.—Uncl. -----Charleston, W. Va.
 Thomas, Marguerite—Mus. -----Washington, D. C.
 Thomas, Mabel Cecelia—A. & S.—4. -----Washington, D. C.
 Thomas, Nelson Morton, Ph. G., Northwestern—Med.—2. -----
 Washington, D. C.
 Thomas, Stanley Worthington—A. & S.—2. ---Washington, D. C.
 Thomas, William Alexander—App. S.—3. -----Hartford, Conn.
 Thompson, Ashton Laws—Dent.—3. -----New York, N. Y.
 Thompson, Beatrice—A. & S.—1. -----Beaumont, Tex.
 Thompson, George Ashley—Phar.—3. -----Greenwich, Conn.
 Thompson, Henry H.—Educ.—1., Mus. -----Louisville, Ga.
 Thompson, Mayme A. V.—Mus. -----Washington, D. C.
 Thompson, Robert Harry—Dent.—3. -----Westfield, N. J.
 Thornhill, Arthur C.—Med.—1. -----Montclair, N. J.
 Thornton, Alvin Geoverton—Dent.—1. -----Washington, D. C.

Thornton, Robert A.—A. & S.—1.	-----	Houston, Tex.
Thornton, Robert Ambrose—App. S.—1.	-----	Cleveland, Ohio.
Thrap, James—Rel.—Corr.	-----	Plymouth, N. C.
Thurman, Wessie L.—Mus.	-----	Washington, D. C.
Tibbs, Maurice—Mus.	-----	Washington, D. C.
Tibbs, Ralph—A. & S.—1.	-----	Washington, D. C.
Tillis, William Benjamin—Dent.—1.	-----	Arcadia, Fla.
Timus, Irma L.—A. & S.—1.	-----	Washington, D. C.
Tobias, Lillie Beatrice—Educ.—1.	-----	Columbia, S. C.
Tollet, H. Edward—A. & S.—1.	-----	Muskogee, Okla.
Tompkins, Richard Whitfield—A. & S.—1.	-----	Washington, D. C.
Toone, W. H.—Rel.—Corr.	-----	Traffic, Va.
Towsend, G. T.—Rel.—Corr.	-----	Dames Quarter, Md.
Trigg, H. Maurice—A. & S.—1.	-----	Grand Prairie, Tex.
Tucker, Jacob Triscott, B. S., Howard—Med.—2.	-----	-----
		Bermuda, B. W. I.
Tucker, Rufus A.—A. & S.—1.	-----	Cockeysville, Md.
Turner, Albert L.—A. & S.—1.	-----	New Orleans, La.
Turner, Alma Jane—Mus.—Educ.—1.	-----	Washington, D. C.
Turner, Arthur—A. & S.—1.	-----	Washington, D. C.
Turner, Ledrue William, B. S., Wilberforce—Med.—2.	-----	-----
		Oklahoma City, Okla.
Turner, Major W.—Rel.—Corr.	-----	Indianapolis, Ind.
Turner, W. A.—Rel.—Corr.	-----	St. Michael, Md.
Tutty Auozella—Mus.	-----	Washington, D. C.
Tweedy, Thomas W.—Rel.—Corr.	-----	Rustburg, Va.
Tyler, Myrtle—Educ.—1.	-----	Flushing, Ohio.
Tyler, Viola Margaret—Educ.—3.	-----	Flushing, Ohio.

V

Van de Wall, Willem—Rel.—1.	-----	Washington, D. C.
Venie, Una—Mus.	-----	Washington, D. C.
Vilain, Percy C.—A. & S.—2.	-----	Trinidad, B. W. I.
Villate, Edmond—Phar.—1.	-----	Caye, Haiti.
Visor, Carrington Livingston—Rel.—1.	-----	Washington, D. C.

W

Waddy, Warren Robinson, B. S., Paul Quinn—Law—2.	-----	-----
		Columbia, Tex.
Walden, Charles Eugene—Rel.—Even.	-----	Washington, D. C.

Walden, George E.—A. & S.—1.	Bluefield, W. Va.
Walker, Augustus Caesar—Dent.—2.	Thomasville, Ga.
Walker, Charles S.—A. & S.—1.	Mound Bayou, Miss.
Walker, C. M.—Rel.—Corr.	S. Orange, N. J.
Walker, Eugene H.—A. & S.—Uncl.	Morristown, Tenn.
Walker, H. C.—Corr.—Rel.	Danville, Va.
Walker, John Benjamin, B. S., Howard—Med.—4.	Avalon, Va.
Walker, Micajah Theodore, B. S. Howard—Med.—3.	Charlottesville, Va.
Wallace, Jesse Philip—Law—2.	St. Joseph, La.
Wallace, Joy C.—Mus.	Washington, D. C.
Wallace, Samuel Butler—Rel.—2.	Washington, D. C.
Wallace, Weida—Mus.	Colorado Springs, Colo.
Ward, James B.—A. & S.—1.	Dallas, Tex.
Washington, Elfreth Taylor—Educ.—2.	Washington, D. C.
Washington, George M.—A. & S.—1.	Oberlin, Ohio.
Washington, Lester Dan Campanini—Dent.—4.	Jamaica, B. W. I.
Washington, Reon H.—A. & S.—1.	Altoona, Pa.
Waters, Golder—Educ.—Uncl.	Ambler, Pa.
Waters, John Lambert, B. S., Howard—Med.—3.	Oxford, Md.
Watkins, Susie Grace—Educ.—1.	Northfork, W. Va.
Watson, C. T.—Rel.—Corr.	Houston, Tex.
Webb, Arlie O.—Mus.	Conway, Ark.
Webb, Hayward Thomas—Med.—2.	Preston, Md.
Webb, Hilda Vernica—Mus.	Washington, D. C.
Webb, James B.—A. & S.—1.	Washington, D. C.
Webster, George Alexander Milton—Law—2.	Meridian, Miss.
Weeks, Cornelius Burton—A. & S.—1.	Baltimore, Md.
Welch, William Henry—Educ.—2.	Marshall, Va.
Wells, Clarence Hardy—A. & S.—1.	Pine Bluff, Ark.
Wells, James Samuel, A. B., Howard—Med.—2.	Chester, Pa.
Welton, Carolyn Dungee—App. S.—1.	Birmingham, Ala.
Wesley, Charles H.—Rel.—Corr.	Washington, D. C.
Wesley, Louise—Mus.	Washington, D. C.
West, Susie Mariah—Rel.—Uncl.	Washington, D. C.
West, W. C.—Rel.—Corr.	Preston, Md.
Wesson, Maurice Montera—A. & S.—1.	Jersey City, N. J.
Wethers, William A.—A. & S.—2.	Charleston, S. C.
Wheeler, Herbert T. W.—Dent.—3.	Dayton, Ohio.

White, William D.—Rel.—Corr.	Ithaca, N. Y.
Whitehurst, Garland E. O.—Rel.—Corr.	Montana, Fla.
Whitfield, James E.—A. & S.—1.	Washington, D. C.
Whitted, Van Sylvester—Mus.	New Haven, Conn.
Whyte, William Elias—Med.—3.	Grenada, B. W. I.
Wiggins, Flossie L.—Mus.	Washington, D. C.
Wilkerson, Artishia G.—A. & S.—1.	Louisville, Ky.
Wilkerson, Bernard Orange, Jr.—A. & S.—2., App. S.—1.	Louisville, Ky.
Wilkinson, Vernon Orval—Dent.—2.	Fairbury, Neb.
Williams, Alexander—A. & S.—1.	Huntsville, Ala.
Williams, Ashton A.—Rel.—Corr.	New York, N. Y.
Williams, Burtus—Mus.	Washington, D. C.
Williams, Charles Henry—Rel.—Even.	Washington, D. C.
Williams, Cora—Mus.	Washington, D. C.
Williams, Edwin Leon, A. B., Biddle—Med.—2.	Goldsboro, N. C.
Williams, Ferdinand De Leon—Dent.—1.	New York, N. Y.
Williams, Harry Maceo—A. & S.—2.	Baltimore, Md.
Williams, Isadore—Educ.—3.	Washington, D. C.
Williams, J. Samuel—Rel.—Corr.	Jacksonville, Fla.
*Williams, John Ephraim—Med.—1.	Huntington, W. Va.
Williams, Len S.—A. & S.—1.	Atlanta, Ga.
Williams, Lillian Gladys—Educ.—1.	Hinton, W. Va.
Williams, Luke Edon—Med.—1.	Palmyra, N. C.
Williams, Malvain Bernard—Phar.—3.	Richmond, Va.
Williams, Milton—Rel.—3.	Danville, Ky.
Williams, Nelson M.—A. & S.—1.	Baltimore, Md.
Williams, Samuel Hart—Rel.—2.	Jamaica, B. W. I.
Williams, Samuel N.—Rel.—Corr.	New Haven, Conn.
Williams, Sarah Elizabeth—Educ.—1.; App. S.—1.	Tyrone, Pa.
Williams, W. S.—Mus.	Buffalo, N. Y.
Williams, Wesley C.—A. & S.—1.	Los Angeles, Cal.
Williams, Worth Armistead, A. B., Biddle—Dent.—2.	Charlotte, N. C.
Willie, Edward Henry—Med.—3.	New York, N. Y.
Willis, Hugh M.—Rel.—Corr.	Washington, D. C.
Willis, Merritt Davindy—Rel.—1.	Washington, D. C.
Wilson, Aria E.—Mus.	Spars Point., Md.

*Deceased.

Wilson, Clara R.—Mus.	Washington, D. C.
Wilson, H. D.—Rel.—Corr.	E. Spencer, N. C.
Wilson, Harry Inge—Dent.—2.	Danville, Va.
Wilson, Jasper—Rel.—Corr.	Amherst, Va.
Wilson, T. P.—Rel. Corr.	Salisbury, Md.
Winfrey, James Sanford—Law—3.	Kosciusko, Miss.
Winfrey, James Sanford—Law—3.	Kosciusko, Miss.
Winston, Blanche Comfort—A. & S.—2.	Washington, D. C.
Winston, Floyd E.—A. & S.—1.	Huntington, W. Va.
Winston, James Frank, B. S., Howard—Med.—3.	Enfield, Va.
Withrow, Chauncey Isaiah, B. D., Howard—Law—1.	Washington, D. C.
Witten, Humphrey A.—Educ.—1.	Tip Top, Va.
Wood, James Garland—Educ.—1.	Cotton Plant, Ark.
Wood, John Ethelbert J.—Educ.—1.	Danville, Ky.
Wood, Thomas Jennings—Educ.—1.	Robinsville, N. J.
Wood, William D.—Rel.—Corr.	Fort Royal, Va.
Woodbury, Peter Lawrence, A. B., Allen—Law—1.	Georgetown, S. C.
Woodlyn, Booker P.—A. & S.—1.	Philadelphia, Pa.
Woods, David L.—A. & S.—2.	Leasburg, N. C.
Woods, James Otho—Dent.—1.	Temple, Tex.
Woods, Mae E.—A. & S.—1.	Charleston, W. Va.
Woodson, Robert Waverly—Law—2.	Washington, D. C.
Woodson, William Orlando—App. S.—1.	Pittsburgh, Pa.
Wooten, Leigh Frederick—Dent.—2.	Tallahassee, Fla.
Wormley, Leon S.—Rel.—Corr.	Washington, D. C.
Wright, Courtney B.—A. & S.—2.	Northfork, W. Va.
Wright, Emanuel C.—A. & S.—1.	Savannah, Ga.
Wyatt, Carey Thornton—Dent.—2.	Gloucester, Va.
Wynter, Thomas A.—Med.—2.	Jamaica, B. W. I.

Y

Yancey, Alice E.—A. & S.—4.	New York, N. Y.
Young, Andrew Jackson—Dent.—3.	Franklin, La.
Young, Arliner—Mus.	Burgettstown, Pa.
Young, Daisy—Mus.	Washington, D. C.
Young, Isaac Henry, A. B., Morgan—Dent.—3.	Philadelphia, Pa.
Young, Ralph Jonathan, B. S., Howard—Med.—4.	Reading, Pa.
Young, Walton Wheeler, B. S., Howard—Med.—3.	Spartanburg, S. C.
Younger, Charles W.—A. and S.—1.	Linden, Ala.

SUMMARY

COLLEGE OF ARTS AND SCIENCES -----		875
Seniors -----	31	
Juniors -----	34	
Sophomores -----	63	
Freshmen -----	232	
Unclassified -----	15	
SCHOOL OF EDUCATION -----		86
Seniors -----	16	
Juniors -----	15	
Sophomores -----	16	
Freshmen -----	35	
Unclassified -----	4	
SCHOOL OF APPLIED SCIENCE -----		80
Juniors -----	11	
Sophomores -----	10	
Freshmen -----	58	
Unclassified -----	1	
SCHOOL OF MUSIC -----		198
History of Music -----	3	
Harmony -----	22	
Solfeggio -----	25	
Counterpart -----	1	
Violin -----	13	
Piano -----	95	
Organ -----	10	
Voice -----	29	
SCHOOL OF RELIGION -----		164
Seniors -----	8	
Middlers -----	9	
Juniors -----	4	
Unclassified -----	29	
Evening -----	14	
Correspondence -----	122	
COLLEGE OF MEDICINE -----		108
Seniors -----	24	
Juniors -----	33	
Sophomores -----	28	
Freshmen -----	23	
COLLEGE OF DENTISTRY -----		130
Seniors -----	3	
Juniors -----	37	
Sophomores -----	35	
Freshmen -----	55	
COLLEGE OF PHARMACY -----		14
Seniors -----	5	
Second Year -----	2	
First Year -----	7	

SCHOOL OF LAW		48
Seniors	14	
Middlers	11	
Juniors	23	
* ACADEMY		197
Seniors	32	
Middlers	45	
Sub-Middlers	53	
Juniors	35	
Unclassified	32	
* COMMERCIAL COLLEGE		93
Fourth Year	4	
Third Year	26	
Second Year	12	
First Year	11	
Unclassified	31	
S. A. T. C.	9	
Grand Total		1493
Deduct for duplicates		133
Correct total		1360

*** Discontinued June, 1919**

REPRESENTATION BY STATES AND FOREIGN COUNTRIES

	A. & S.	Educ.	App. S.	Music	*Religion	Medical	Dental	Pharm.	Law	Academy	Comm.	TOTALS
Alabama	12	1	8	1	1	4	1		1	10	4	43
Arkansas	3	1		6	1	2			1	4	2	20
California	1									1		2
Colorado	1	1		1			1			2		6
Connecticut	5	2	4	7			2	1	1	3	2	27
Delaware	2		1		1	1	1			1		7
District of Columbia	92	20	12	111	29	13	15	5	18	19	20	354
Florida	6			4	3	4	2		1	6		26
Georgia	12	2	5	2	1		2	1	1	10	8	44
Illinois	1		1	4		1			1	3	3	14
Indiana	1						1		1			3
Iowa	1						1					2
Kansas			1				2					3
Kentucky	21	4	1		2	3	3		1	5	4	44
Louisiana	8	2			1	1	5		1	1	1	20
Maryland	25		5	9	3	6	7	2	1	4	3	65
Massachusetts	2	1		1			1		1	3		9
Michigan							1				1	2
Minnesota			1	5						1		7
Mississippi	7	1					2		2	6		18
Missouri	5	2	2	2		2	1			6		20
Montana	1									1		2
Nebraska	1						1			1		2
New Jersey	12	4	1	3	5	5	5			6	4	45
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Porto Rico						2						2
South America					1					3		4

*Non-matriculated correspondence students not included here.

FORM OF BEQUEST

I give and devise to the Trustees of Howard University, Wash-
ington, D. C., the sum of ----- dollars, payable -----

(Signed) -----

Date -----

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ERRATA

- Page 8:—In Committees on Degrees read “Emlen” instead of “Emblem.”
- Page 24:—Insert after “The School of Applied Science,” “The School of Music.”
- Page 55:—Under Expenses in The School of Music, line 24, read “per year” instead of “per quarter.”
- Page 59, line 7:—Read “The affairs of the Junior Colloge are administered by the President” etc., instead of “The affairs of each Senior School are administered by a Faculty.”
- Page 97:—Read “Biology 1 and 2” instead of “Biology 1” and “Autumn and Winter” instead of “Autumn.” Read “Biology 3 and 4” instead of “Biology 2” and “Autumn and Spring” instead of “Winter.” Advance subsequent courses two numbers.
- Page 104:—Transfer “Geology” to The School of Liberal Arts.
- Page 115:—In Spanish 1, third sentence, read “Much time will be devoted,” etc., instead of “During the second semester more time will be devoted.”
- Page 137, line 7:—Read “3, in History and Culture of the Negro;” instead of “3, in History : 3, Political Science;”
- Page 237:—Omit, line 9, the words “Professor Gregory.”
- Pages 306 ff:—Insert in “Register of Students:”
- | | |
|---|-------------------|
| “Binford, Claxton Perry—A. & S.—2. ----- | Huntsville, Ala. |
| Jackson, William Edgar—A. & S.—1. ----- | Montclair, N. J. |
| Winters, Ernestine Mabel—A. & S.—3. ----- | Washington, D. C. |
- Page 343, last line:—Read “61, 62,” instead of “283, 284.”

