

A N N U A L  
C A T A L O G U E

# SHAW UNIVERSITY

RALEIGH, N. C.

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RALEIGH, N. C.

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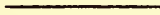
Forty-fourth Annual Catalogue of  
the Officers and Students

OF

SHAW UNIVERSITY

RALEIGH, N. C.

For the Academic Year Ending May Thirty-first  
Nineteen Hundred and Eighteen



RALEIGH, N. C.  
EDWARDS & BROUGHTON PRINTING CO.  
1918

# Calendar

1918

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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1919

JANUARY							APRIL							JULY							OCTOBER						
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30	31																										

# CALENDAR

1918

- Oct. 1. First Semester begins. Special and deficiency examinations  
Registration of new students.....Tuesday  
2. Registration of city students.....Wednesday  
3. Registration of former boarding students.....Thursday  
8. President's Annual Opening Address.....Tuesday  
11. Y. M. C. A. Reception to new students.....Friday  
18. Concert by Athletic Association.....Friday  
Nov. 17. Missionary Concert, Home Missions.....Sunday  
28. Thanksgiving—Holiday .....Thursday  
Dec. 8. Y. M. C. A. Public Meeting.....Sunday  
15. Temperance Concert .....Sunday  
Christmas—Vacation, Dec. 21 to Jan. 1, inclusive.

1919

- Jan. 1. Emancipation Day .....Wednesday  
3. Public Rhetoricals .....Friday  
10. Public Meeting of Shaw Literary Union.....Friday  
13-16. Mid-year Examinations .....Monday-Thursday  
17. President's Reception to the Senior Classes.....Friday  
Second Semester begins .....Friday  
24. Public Meeting of the Theological Fraternity.....Friday  
31. Public Rhetoricals .....Friday  
Feb. 12. Anniversary of the birth of Abraham Lincoln..Wednesday  
22. Anniversary of the birth of George Washington..Saturday  
28. Public Meeting of Calliopean Society.....Friday  
Mar. 2. Missionary Concert, Foreign Missions.....Sunday  
7. Public Rhetoricals .....Friday  
14. Public Meeting of Tupper Memorial Society.....Friday  
21. Annual Debate, Freshman and Sophomore Classes..Friday  
28. Public Meeting of Alpha Literary Society.....Friday  
Apr. 4. Public Rhetoricals .....Friday  
11. Junior Oratorical Contest .....Friday  
May 23. Final Examinations begin .....Friday  
25. Baccalaureate Sermon .....Sunday  
26. Address before College Literary Societies.....Monday  
27. Musicale .....Tuesday  
28. Class Day—Annual Meeting of Alumni—  
Industrial Exhibit, Wednesday  
29. Commencement Exercises—Industrial Exhibit...Thursday

# BOARD OF TRUSTEES

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✓ GEORGE HENRY STODDARD, A.M.,  
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✓ CHARLOTTE MURRAY,  
Dean of Women.

✓ FRANKLIN WALTER WILLIAMS, LL.B.,  
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EUGENE LOGAN, B.S.,  
Superintendent of Men's Industries.

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ELSIE MAY BRYANT,  
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ANGELIA ELLIOTT HANSON,  
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SARAH ALICE EWING,  
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WILLIAM SHERMAN TURNER, A.M.,  
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LEANDER LOGAN,  
Woodworking and Painting.



✓ CORA SELINA NEVILLS,  
Sewing.

✓ JOHN HENRY HALBERT,  
Blacksmithing.

✓ JOHN HENRY BIAS, A.B.,  
Biology and Chemistry.

✓ EDWARD P. NORRIS,  
Carpentry.

✓ PETER FRANKLIN ROBERTS, A.B., M.D.,  
Pathology and Bacteriology.

✓ LEMUEL T. DeLANEY, M.D.,  
Histology and Embryology.

✓ LEWYN E. McCAULEY, M.D.,  
Materia Medica and Therapeutics.

✓ JOHN OWEN PLUMMER, M.D.,  
Anatomy.

✓ SALLIE HOLSEY JACKSON,  
Domestic Science.

✓ ALICE V. RUSSELL,  
Supervisor of the Practice School.

✓ ALICE M. EMERSON,  
Librarian.

✓ EMMA W. SASSER,  
Matron.

✓ ABBY L. WILLIAMS,  
Piano and Voice.

✓ EDITH B. SHAW,  
Secretary.

✓ BELLE BRADLEY BUGG,  
Matron of Dining Hall.

# GENERAL INFORMATION

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## THE SCHOOL YEAR

The next school year will begin Tuesday, October 1, 1918, and end May 31, 1919.

The dining-room will be open for supper Monday, September 30, 1918.

All new students in all departments, and all students who have failed to pass in any subject during the previous year, must register and report to their respective Deans for examination at 8:30, a. m., Wednesday, September 26.

On Thursday, September 27, all city students in all departments who are not required to take examinations on Wednesday will register.

On Friday, September 28, all former boarding students in all departments who are not required to take examinations on Wednesday will register.

## DEPARTMENTS

There are the following departments: Industries, Music, Business, Academy, Teacher Training, College of Liberal Arts and Sciences, Schools of Theology, Pharmacy and Medicine.

## EXPENSES

### Important Notice

Annual incidental fee, payable on date of entrance.....	\$ 3.00
Physical culture and athletic fee.....	1.00
Tuition, day students, payable in advance on the first day of each calendar month .....	1.50
Instrumental music (four lessons), payable in advance on the first day of each calendar month.....	1.75
Vocal music, same terms as instrumental.....	1.75
Board, room rent, tuition, heat, light, water and services of janitor, payable in advance, first day of each calendar month .....	12.50

## DAY STUDENTS NOT PURSUING LITERARY COURSES OF STUDY.

Dressmaking (two hours per week), per month.....	\$ 1.00
Hand sewing (two periods per week), per month.....	.50
Millinery (two hours per week), per month.....	.50
Domestic science (two hours per week), per month.....	1.00

## LABORATORY FEES—PAYABLE IN ADVANCE.

Biology .....	\$ 2.00
Inorganic Chemistry .....	2.00
Organic Chemistry .....	3.00
Qualitative Analysis .....	2.00
Quantitative Analysis .....	2.00
Physics .....	2.00
Breakage (deposited), each course.....	1.00

## PAY DAYS

Tuesday, October 1, 1918.  
 Friday, November 1, 1918.  
 Monday, December 2, 1918.  
 Wednesday, January 1, 1919.  
 Saturday, February 1, 1919.  
 Saturday, March 1, 1919.  
 Tuesday, April 1, 1919.  
 Thursday, May 1, 1919.

## CHARGES PAYABLE IN ADVANCE

All charges in all departments of the institution are payable in advance. Graduation fees are payable on the first day of the last month of the school year. The membership of any student will cease if the charges are unpaid on the 10th of the month. This applies to every department.

No student will be allowed to graduate who has not paid his graduation fees on or before the last settling day preceding Commencement. The faculty is compelled to make this rule, for the trustees require them to collect all charges in advance.

## CENTRAL HOT-WATER HEATING PLANT

All the dormitories and all the principal buildings with one exception are now connected with the recently enlarged central hot-water heating plant. Comfort and healthful conditions are, therefore, assured to every student and teacher throughout the school year.

## GENERAL INFORMATION FOR PARENTS

All applicants for admission should be at least sixteen years of age.

All money sent for school expenses should be forwarded directly to the President, by postoffice money order, express order, registered letter, or bank draft, and should be made payable to "Shaw University."

All college bills are payable in advance. Annual charges are for the entire school session or any fractional part thereof, and must be paid on the day of entrance. A school month is a calendar month. No student will be admitted to an examination in any department of the institution who has not paid the charges due on the settling day next preceding the date of examination. No student can be considered a candidate for a diploma or a certificate who has not paid all charges due on the last settling day of the school session. The charges for diplomas and certificates are due on the last settling day of the school session. No student in any department of the institution can be given a letter of recommendation of the highest form who has failed to meet all obligations on the settling days.

It is intended to maintain a high degree of character and scholarship, and only students who are willing to comply cheerfully with reasonable rules and regulations are desired at this institution.

In case of serious illness, parents or guardians will be promptly notified. There is no charge for professional services, except in cases where consultation or a trained nurse is required.

## REQUIREMENTS FOR GIRLS

Students are expected to dress neatly and modestly. Silk, satin, velvet, or expensive and showy coats, dresses and waists of any kind are not suitable for school wear, and will not be allowed.

Graduation dresses must be of materials which can be laundered, and must be simply made. Graduates of the Academy are required to make their graduation dresses.

Each girl is required to have a simple white dress of some serviceable wash material for Commencement and other dress occasions, including receptions.

White or very light shirt waists and dresses cannot be worn daily, as they require too much time to wash and iron.

Gingham or percale shirt waists, dark skirts, and dark wash dresses are needed for every day. Light silk and crepe-de-chine waists cannot be worn.

Two gingham and one white apron large enough to cover the person from the shoulders to the bottom of the dress, and a small white apron to wear in sewing class are required.

Sensible shoes of black or dark tan are required. Low shoes and white shoes may be worn only in the fall or spring months. *Fancy, colored, or silk hose, and fancy shoes* will not be allowed. If brought or sent, they will be returned.

Each girl must have a dark blue middie blouse, *very full* bloomers, and a pair of tennis shoes.

A waterproof coat, umbrella, and rubbers are required.

*Cloth* coats only must be provided for winter.

Every article of wearing apparel as well as sheets, pillow-cases, blankets, towels, and table napkins must be marked in indelible ink with the full name of the owner. A laundry bag, an iron holder, and a sheet to cover ironing board are required.

The boarding young women are expected to come directly to school from the train, and to return directly to their homes at the close of school.

Boarding girls are not allowed to visit in the city during the session.

Trunks must be marked with the owner's name.

### APPLICATION FOR ADMISSION MADE IN ADVANCE

Some institutions require applicants for admission to be made one or two years in advance. Students who apply personally cannot receive any assurance of being admitted. Written applications should be made and forwarded in advance.

All departments open October 1. Requirements for admission are being gradually raised, as well as requirements for graduation, and it is necessary that work begin promptly and continue without interruption to the end of the year.

### LITERARY FRATERNITIES

The Calliopean Society and the Phyllis Wheatly Literary Society for young women, and the Alpha Society, the Gastonia Debating Club, the Shaw Literary Union, and the Tupper Literary Society for young men, meet weekly and furnish excellent training in public speaking and other literary work.

### RELIGIOUS SERVICES

Chapel services are held daily except Saturday. On Sunday the services are as follows: Sunday School, 9:30 a. m. to 10:30 a. m.;

a general meeting of praise and prayer, 7:30 p. m. to 8:30 p. m. Departmental prayer meetings are held Thursday, 6:30 p. m. to 7 p. m. All resident students are required to attend these services. No resident student absent from these services, except when excused for good reason, can be a candidate for any honor, prize, gratuity, loan, or scholarship.

The regular meetings of the Y. M. C. A. are held every Sunday, and those of the Y. W. C. A. on the second and fourth Sundays of the month.

Several volunteer Bible study classes connected with the Y. M. C. A. and Y. W. C. A. meet regularly each Sunday at 8:30 a. m. There are Temperance and Missionary Societies, which hold public meetings several times a year.

There are also volunteer Mission Study classes connected with the Hayes-Fleming Missionary Society.

The day of prayer for colleges is regularly observed each year.

City students will be welcome at all services and are required to attend the daily chapel exercises.

## REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY

All applicants for admission to any department of Shaw University should be at least sixteen years of age. Each will be required to present a certificate of good moral character and a statement signed by the president or principal of the school last attended, containing a full record of the subjects pursued by the student, with the time devoted to each, and his standing in the same. It is recommended that the applicant fill out and, as soon as possible, return the enclosed blanks.

## PRIZES

The following prizes are offered in the College of Arts and Sciences:

A. A scholarship of thirty-five dollars is awarded the student of the Junior Class whose record at the end of the year shall be the highest above eighty per cent. No award in 1917.

B. A sum of money to cover the cost of necessary text-books and lexicons, or the books themselves, is awarded to the member of the Freshman Class whose record at the end of the school year shall be the highest above eighty per cent. Awarded in 1917 to Alice Baxter.

For the Junior Prize, the student must be—

(1) Without condition in all his work; (2) loyal to the University life and spirit; (3) a student of three years' standing at Shaw.

For the Freshman Prize, the student must be—

(1) Without condition in all his work; (2) loyal to the University life and spirit.

C. The graduating class of 1906 offers a gold prize to the members of the Junior (College) Class for the best oration in American History. The contest is to be known as the Junior Oratorical Contest. No member of the Junior Class will be allowed to participate in the contest unless he or she has attained an average of ninety per cent in the studies of the Sophomore year. No award in 1917. Honorable mention: Carrie Moseley and Stephen A. Randall.

D. The George Henry Mitchell Sophomore Prize. A gold prize awarded to the student of the Sophomore class who attains the highest rank in mathematics above ninety per cent. No award in 1917.

E. The George Henry Mitchell Freshman Prize. A gold prize awarded to the student of the Freshman Class who attains the highest rank in mathematics above ninety per cent. No award in 1917.

F. A gold prize will be awarded to the student in Astronomy who attains the highest standing above ninety per cent. Not offered in 1917.

G. A gold prize will be awarded to the student in Economics who attains the highest standing above ninety per cent. No award in 1917.

In the growth of the institution some changes have become necessary. A course, or rather two courses, for teachers have been laid down, and in order that strangers may not be misled by names, it has seemed best to change the names of the classes hitherto known as second and third Normal to names appropriate to the work really done in those classes, and so hereafter they will be known as *A* Sub-Preparatory and *B* Sub-Preparatory.

H. Therefore, in the spirit of the donors, a prize, heretofore known as Third Year Normal Prize, of a twenty-five dollar scholarship, will be awarded that student of the *B* Sub-Preparatory Class whose record at the end of the year shall be highest above ninety per cent.

To qualify for this prize, the student must be (1) without condition in all work; (2) loyal to and interested in all the University life and spirit; (3) and must have completed, at Shaw University, the work of the *A* Sub-Preparatory Class. No award in 1917. Honorable mention, Emily Crump.



I. The Mrs. Mary Roberts Prize, a prize of \$5, awarded to the student who receives the highest rank for general excellence in Domestic Science. Awarded in 1917 to Bessie Weeks.

J. The Eugene Logan Prize, a gold prize, awarded to the student of the Industrial Department who attains the highest rank in wood-turning, carpentry, or cabinet-making. Awarded in 1917 to B. B. Overton.

K. The Class of 1910 offers a gold prize to the student of the Sociology Department whose average is not below ninety per cent, and who writes the best thesis upon some phase of the race question in North Carolina. Awarded in 1917 to Stephen A. Randall.

L. The G. W. Moore Prize, a gold prize (five dollars) awarded to the student in Theology who influences the largest number of new students to come to Shaw University in any one year to study for the ministry. Awarded in 1917 to Geo. S. Stokes.

M. The I. N. Holly Prize, a gold prize (ten dollars), awarded to the student of the Theological Department who attains the highest rank in his studies during the Senior year. Awarded in 1917 to Jas. W. Huggins.

Students will forfeit their claim to these prizes at any time they appear to the donors or to the President of the institution unworthy in any way, and the prize will be awarded to some other member of said class in the order of eligibility.

### THE COLLEGE FUND

Established in 1917 by the students in the College of Arts and Sciences for the purpose of aiding the work at Shaw University. Shaw University is the treasurer of this fund, which now amounts to more than one hundred dollars in cash and pledges. Each member of the College classes in 1917 has pledged to contribute annually to the College Fund, and all succeeding classes are expected to do the same. J. T. Aldrich, W. H. Allen, Annie D. Cogdell, Marie E. Brown, T. S. Royster, S. A. Randall,\* and Carrie B. Moseley constitute the advisory board which governs the fund.

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\*Deceased.



# COLLEGE OF ARTS AND SCIENCES

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## REQUIREMENTS FOR ADMISSION

Graduates of the Academy of Shaw University are admitted on certificate. Graduates of other secondary schools well known to the University will be admitted on certificate, except that all such applicants may be examined in English.

By a unit of work is meant a prepared subject in which recitations of not less than forty-five minutes are held five times a week for thirty-two weeks, or seven thousand two hundred minutes of recitation per year. By a point of work is meant one-fifth of the above unit or a recitation once a week throughout the school year.

Applicants to be admitted to the Freshman Class, without condition, must offer the 81 points of the minimum requirement given on page 17, and enough others selected from the subjects of the Academy courses or other subjects that may be approved to make a total of one hundred points. A student may be conditioned in sixteen points; provided that at least six of these points are in Music, Drawing, and Industries.

## DEGREES AND DIPLOMAS

The degree of Bachelor of Arts will be conferred on students who complete satisfactorily the 36 points required in all courses, 16 points in Latin and Greek, and enough additional points to make a total of 85 points.

The degree of Bachelor of Science will be conferred on students who complete satisfactorily the subjects required in all courses, 36 points, 20 points in Science, and enough in addition to make a total of 85 points.

The degree of Bachelor of Pedagogy will be conferred on students who complete satisfactorily the subjects required in all courses, 36 points, 16 points in History of Education, School Management, Pedagogy, and Practice in Teaching, and enough points in addition to make a total of 85 points.

A diploma will be conferred on students who complete satisfactorily 24 points in English, Psychology, Pedagogy, History of Education, School Management, Practice in Teaching, Drawing, and Music.

The Roman numerals in the courses of study below refer to the

same numerals in "Description of Courses" on page 19. The Arabic numerals indicate the number of points of credit for each subject. Subjects in *italics* are required in all courses.

## COURSES OFFERED EACH YEAR.

<i>English I</i> .....	2	Music (3 years) 1 each year.	
<i>English III</i> .....	2	<i>English II</i> .....	2
* <i>Latin V</i> .....	4	<i>English IV</i> .....	2
Bible (Greek New Testament)	1	Greek IV .....	4
<i>Psychology</i> .....	4	<i>Greek History II.</i> .....	2
<i>Industries</i> (3 years) 2 each year.		<i>Roman History</i> .....	2
Drawing (3 years) 1 each year.		Electives.	

## COURSES OFFERED 1917-'18 AND 1919-'20.

<i>Mathematics VII</i> .....	5	French II .....	5
Chemistry II .....	5	Drawing .....	4
<i>Constitutional History</i> (first semester) and <i>Astronomy</i> (second semester) .....	5	Mathematics VIII .....	5
History of Education (first semester) and School Management (second semester) .	5	Physics III .....	5
		German I .....	5
		German III .....	5
		English VI .....	4

## COURSES OFFERED 1918-'19 AND 1920-'21.

English V .....	4	<i>Ethics</i> (first semester) and <i>Economics</i> (second semester)	5
French I .....	5	German II .....	5
<i>Mathematics VI</i> .....	5	French III .....	5
Mathematics X .....	5	Mathematics IX .....	5
Chemistry III .....	5	Physics II .....	5
Logic (first semester) and Geology (second semester) ..	5	English V .....	4

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\*Optional in Education Courses.

# THE ACADEMY

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## REQUIREMENTS FOR ADMISSION

Applicants for admission to the first-year class are examined in English Grammar, Composition, Arithmetic, Geography and American History. The amount of work required in each is what is commonly taught in grammar schools. These examinations serve chiefly to determine the applicant's fitness to enter the First Year. Those desiring admission to advanced classes must satisfy the Dean, by certificate or examination, as to their fitness to enter the desired classes.

## DIPLOMAS

A diploma will be granted to students who complete satisfactorily any one of the courses of the Academy. If a student wishes a diploma or a certificate of admission to the Classical Course in College, he must take, in addition to the 81 points required in all courses, Greek, 15 points; Solid Geometry, 4 points. If he wishes admission to the Scientific Course he must take the additional 19 points in General History, Solid Geometry and the Sciences. If he wishes admission to Education A in the College Course he should take either of the above courses. If he desires admission to Education B he should elect Zoölogy (first semester), Botany (second semester), 5 points, and History of Education (first semester), School Management (second semester), 5 points, General History, 5 points, and any other subject to make a total of 100 points. Students who do not plan to enter College must take the required subjects and optional subjects, approved by the Dean of the department, sufficient to make one hundred points. No credit will be allowed toward a diploma for any language studied less than two years.

### FIRST YEAR.

#### *Required Subjects.*

Latin .....	5	Bible .....	2
English .....	5	Drawing .....	1
Algebra .....	5	Music .....	1
Ancient History .....	3	Industries .....	2

#### *Optional Subjects.*

Industries .....	2	Music .....	2
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## SECOND YEAR.

*Required Subjects.*

Latin .....	5	Music .....	1
Algebra (first semester) and Agriculture (second semester) .....	4	English .....	5
Bible .....	2	Drawing .....	1
		Industries .....	2

*Optional Subjects.*

Greek .....	5	Industries .....	2
Modern History .....	4	Music .....	2

## THIRD YEAR.

*Required Subjects*

English .....	4	*Latin .....	5
Geometry .....	5	Bible .....	2
Industries .....	2	Music .....	1
Drawing .....	1		

*Optional Subjects.*

Greek .....	5	Civics .....	5
Industries .....	2	Music .....	2

## FOURTH YEAR.

*Required Subjects.*

English .....	5	Industries .....	2
*Latin .....	5	Bible .....	2
Drawing .....	1	Music .....	1
American History .....	5		

*Optional Subjects.*

Greek .....	5	Physics .....	5
Industries .....	2	Music .....	2
Geometry .....	4	School Management .....	5
Bookkeeping and Commercial Arithmetic .....	5	Rhetoricals required through- out all courses .....	1

Many students desiring admission to Shaw are not fitted for the Academy. For the benefit of such students, and others who may wish it, instruction is offered in the following: Arithmetic, United States History, English, Reading, Spelling, Bible, Drawing, Physiology, Geography, Physical Geography, Industries. A total of 25 points per year is required of each student.

\*Optional for Business and Teacher Training Courses.

# DESCRIPTION OF COURSES OF STUDY

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## LATIN LANGUAGE AND LITERATURE

This department is designed to acquaint the student with some of the best authors in the language and also to give the best possible mental discipline by a thorough study of the structure of the language.

The following courses are offered:

I. Beginner's Latin: The formation of simple Latin sentences, inflections, the acquisition of a working vocabulary, and other preparation for the study of Cæsar. Five points.

II. Cæsar (Four Books): Translation into idiomatic English, drill in Latin grammar, sight translation, Latin prose composition. Five points.

III. Cicero's Orations: The orations against Catiline, etc. Prose composition. Some study of the times of Cicero. Five points.

IV. Virgil: Æneid.—Special attention is given to meter, accent, and the structure of the dactylic hexameter. Prose composition. Five points.

V. Livy: Books XXI and XXII.—In connection with this course the class will be required to do special work in Roman History. Four points.

VI. Horace: Odes, Satire, and Epistles.—(This course may alternate with 7, 8, or 9.) Four points.

VII. Tacitus: Germania or Agricola.—Individual research into German customs, habits, and society. Four points. Elective.

VIII. Cicero: Select Letters.—A study of the man in his personal relations to his friends and his family. Four points. Elective.

IX. Cicero: De Senectute, De Amicitia, or De Officiis. Four points. Elective for Juniors and Seniors.

X. Cicero: De Natura Decorum.—A study of the Stoic, Epicurean, and Academic systems of Philosophy. Four points. Elective for Juniors and Seniors.

## GREEK LANGUAGE AND LITERATURE

The purpose of this department of study is to teach the form and laws of the language, to give a knowledge of the history and literature of the Greeks and to study the influence of the language upon ancient and modern civilization.

- I. The Elements of Greek, Ball.—Anabasis begun. Goodwin's Greek Grammar. Five points.
- II. Xenophon's Anabasis (four books).—Goodwin's Grammar. Prose Composition. Five points.
- III. Homer's Illiad (three books).—Greek History by topics. Five points.
- IV. Lysias's Orations.—Study of old Greek life. Four points.
- V. Plato's Apology and Crito.—A study of the life of Socrates. Four points.
- VI. Sophocles: Electra or Antigone.—A study of the Greek drama. Four points. Elective.
- VII. Selections from Herodotus and Thucydides or Plato's Phædo. Four points. Elective.
- VIII. Greek New Testament. One point each year.

## THE MODERN LANGUAGES

### A. FRENCH LANGUAGE AND LITERATURE.

- I. Grammar (Chardenal).—Conversation; French prose; *Le Français et Sa Patrie*, Sanborn. Five points.
- II. Grammar.—Sight reading; conversation; syntax; French prose. Selections from Racine, Molière, Souvestre, George Sand, Erchmann-Chatrian. Five points.
- III. French Prose.—Conversation: dictation; exercises in idiomatic French. Selections from Chateaubriand, Corneille, Lamartine, Rostand, Hugo. Five points.

### B. GERMAN LANGUAGE AND LITERATURE.

- I. Grammar (Bacon).—Conversation; daily practice in writing German. Five points.
- II. Grammar.—German prose; Immensee, and Wilhelm Tell; conversation; sight reading. Five points.
- III. German Prose.—Conversation; sight reading. Selections from Lessing, Goethe, and others. Five points.

It is intended in the above courses to fit the student to read at sight ordinary French and German and to read the classics intelligently.

## ENGLISH

The aim of these courses is to train the student to use the English language with correctness and grace and at the same time give a more intimate acquaintance with the great masterpieces of the English tongue. It is hoped that a true appreciation of good literature will be gained.

I. *English Composition* (Hanson). Sentence structure, the paragraph, punctuation, letter-writing, outlining, common figures of speech, and a general idea of the common forms of prose are studied. Written work is required at regular intervals. Three periods per week. One year.

*Literature.* Scott's *Ivanhoe* and Shakespeare's *Merchant of Venice* are read in class. Six books are required to be read outside of class. Recitations twice per week. One year.

II. *English Composition* (Scott and Denney, Elementary). Much stress is placed on oral composition the first semester. The four forms of discourse are more fully studied. Written work is required nearly every day. Formal composition with outlines is required every two weeks. Class criticism is made. Three periods per week. One year.

*Literature* (Painter's *Introduction to American Literature*). This text gives the biographies of the best American authors and selections from their writings. Practice in reading and in interpretation of the selections is given. Six books of outside reading are required each year. Two periods per week. One year.

III. *Composition and Rhetoric* (Scott and Denney). The growth of a composition with special stress on paragraph development, sentence structure, and description are taken up. Much written work is required. Besides informal writing, formal themes are frequently required. Three periods per week. One year.

*Literature.* Dickens' *Tale of Two Cities* is read for character and plot. *Hamlet* is studied the second semester. Six books of outside reading are required. Two periods a week. One year.

IV. *Composition and Rhetoric* (Scott and Denney). Description is reviewed, and narration, exposition, and argumentation taken up. Themes applying the rules for these forms of discourse are required. A wide range of subjects is covered in written work. Three times per week. One year.

*Literature.* *Macbeth* is read and studied the first semester. A book of short stories is used the second semester. Two periods per week.

V. *Freshman English* (Perry's *Argumentation*). The principles of Argumentation are studied and applied in the making of briefs and writing of arguments. Oral discussions are held.

*Literature.* Burke's *Speech on Conciliation* is read and a brief made by each student. The *Atlantic Monthly* or some other current magazine is studied as literature. Book reviews are given. Outside reading is required. Five periods per week. One year.



VI. *Sophomore English* (Paragraph Writing, Scott and Denney). A thorough study of the structure of the paragraph and the methods of development is made. Daily written work is required. Longer compositions on subjects requiring much reading and intended to stimulate original thinking are required. Three times per week. One year.

Painter's Introduction to English Literature, supplemented by outside reading from the authors studied, is taken up. Two periods per week. One year.

VII. *Junior and Senior English* (Scott and Denney). A review of all the forms of discourse is taken up. Frequent themes, with one long theme on a chosen subject each semester, are required. Two periods per week. One year.

A study of essays, with Emerson's Essays as a text-book, is given one semester. Milton's Paradise Lost, Books I and II. Selections from Browning. Two periods. One year.

#### PUBLIC SPEAKING.

Preparation for public speaking is offered by drill in argumentation and elocution. The work is both theoretical and practical. Declamations, selections, discussions, debates, and orations are required of all students in both the Academy and the College. The work is so graded that the student is carried on from the easier forms of schoolroom declamation to the higher art of the public speaker.

#### MATHEMATICS

The chief aim of this department is to secure the habit of accuracy in thought and clearness in expression.

The following courses are offered:

I. *Arithmetic*.—A rapid review of principles and a thorough drill in the proper methods of teaching.

II. *Algebra*.—Young and Jackson. This includes a good working knowledge of the subject through simultaneous quadratics and an introduction of graphical methods through simple horizontal and vertical measurements. Five points.

III. *Algebra*.—Young and Jackson. This course is a review of the four fundamental operations, together with a thorough treatment of factoring, all forms of the exponent and graphical representation. Two points.

IV. *Plane Geometry, Five Books*.—Durell. The course aims, by a blending of the old deductive method with the more recent laboratory or heuristic method, to get the best of each of these methods.



Special emphasis is laid upon the systematic study of the original solution and methods of attack of geometrical problems. Five points.

V. *Solid Geometry, completed*.—Durell. The course presupposes a knowledge of the Plane Geometry, as given in the previous course. Especial attention is given to the logical development of the subject and to the dependent relationship between the propositions. Five points.

VI. *College Algebra*.—Wells' New College Algebra. The Binomial Theorem; Series; Variables and Limits; Logarithms; Theory of Equations; Determinants; Permutations. Five points.

VII. *Plane and Spherical Trigonometry*.—The course in Plane Trigonometry begins with the definitions of the six trigonometric functions as ratios, and embraces all topics usually covered in the standard text-books, including the use of logarithms. In Spherical Trigonometry the course ends with the solution of oblique spherical triangles. Five points.

VIII. *Analytic Geometry*.—The straight line, circle, parabola, etc., are studied, and the general equation of the conic is carefully considered. Five points.

IX. *Surveying*.—This includes original work with field practice. Five points.

X. *Differential Calculus*.—Granville. Five points.

XI. *Bookkeeping*.—Emphasis is laid upon the following phases of the subject: Importance of system in recording business transactions, relation of debtor and creditor, the bookkeeper's books, commercial paper and legal forms, and morality in business. Five points.

XII. *Astronomy*.—Young. A good practical course is given in this subject, furnishing the student with a clear idea of the relations of the heavenly bodies. The imagination is cultivated to an extent that is not possible in any other study. Five points.

## NATURAL SCIENCES

### PHYSIOLOGY.

I. *Elementary Physiology* (Peabody). The aim of this course is to give students such knowledge of the human body and its needs that they will realize the necessity for obeying its laws as they are taught. Instruction is given by text-book and lectures.

### PHYSICS.

I. *Elementary Physics* (Hoadley). An elementary course in this subject is offered to students in the Preparatory Department. The

course gives a general knowledge of Mechanics, Heat, Sound, Light, Magnetism and Electricity. Instruction is given by text-book, lectures, experiments by the instructor, with some individual work by students. Each student is required to keep a note-book, in which must be recorded all experiments performed during the year.

II. *Advanced Physics* (Ames). The National Note-Book is used. Reference books are used. In the College Department the laboratory method, supplemented by text-books and lectures, is used. The physical laboratory is equipped for individual work.

III. *Experimental Physics*. This advanced course is offered to students who have taken the first two courses. Written reports and solution of problems are required.

#### GEOLOGY.

I. *Elementary Geology* (Tarr). Instruction is given both by text-books and lectures in Structural, Dynamic, Stratigraphic Geology. Students are required to name and label the different stones in the vicinity of the college, and frequent visits are made to the State Museum, where all minerals are carefully studied.

#### BIOLOGY.

I. *Elements of Biology* (Hunter). This course takes up Botany, Zoölogy, Physiology. Lectures, three and one-half hours; laboratory, eight hours each week. One-year course.

National Note-Book Sheets in Biology are used for a laboratory guide. Many slides, charts and animals are used. References used: Microbiology by Marshal; Civic Biology by Hunter, Packard, Davenport, Colton, Davidson, Bailey, and Coleman.

#### CHEMISTRY.

I. *General Chemistry* (Brownlee, and others). This course deals with the elements and their compounds, including an introduction to Organic Chemistry. Lectures, two periods; laboratory, three periods each week. One-year course.

The National Note-Book Sheets are used for laboratory work. References used: Elementary Chemistry and College Text by Alexander Smith; Essentials of Chemistry by Kessler and Smith; An Elementary Study of Chemistry by McPherson and Henderson; Remsen, Newell, Williams. Laboratory fee, \$2.50.

II. *Qualitative Analysis* (Stieglitz). Laboratory Manual by Stieglitz. This course includes the general reactions of metals and acids. The subject is studied from the standpoint of the law of mass-action

and the Ionic theory. Practice is given in the analysis of known and unknown mixtures. Lectures, two periods; laboratory, three periods a week. Note-books required. One-year course. Prerequisite, Course I.

III. *Organic Chemistry* (Norris). Laboratory Outline of Organic Chemistry by Jones and Laboratory Outline by Norris are used for the experimental work. This course takes up the compounds of the aliphatic and aromatic series. The course consists of lectures, recitations, and laboratory work. Classroom work, four hours; laboratory and recitation, eight hours per week. One-year course.

References used: Perkins and Kipping, Remsen, Richter, Kallond, Simon, and Cohen. Prerequisite, Courses I and II.

IV. *Elementary Quantitative Analysis* (Foulk). This course takes up the fundamental principles of Gravimetric and Volumetric methods. Twelve hours per week. Half-year course. Open to students who have had Courses I, II, and III.

## HISTORY AND POLITICAL SCIENCE

### HISTORY.

I. *American History*. An elementary course in American History is given. This includes the history from the discovery of America by Columbus and the early settlements to the present time. Note-books with maps, diagrams and outlines are required of each student.

II. *English History* (Coman and Kendall). This is a one-year course covering the entire period of English History. Much use is made of the reference books in the University Library. Articles on assigned topics are required. Note-book work is emphasized.

III. *General History* (Myer). The manners and customs of the different peoples and different ages are studied. The causes and immediate results of the great events are considered, and also their bearing on modern history. Outside reading and note-book work are required.

IV. *Roman History*. This is given in connection with the work in Latin.

V. *Greek History*. This course is offered to students taking Greek.

*Europe* (Schwill: Political History of Modern Europe). This course begins with the Renaissance and traces the course of events through the Reformation, the French Revolution, the rise of the Democratic movements in England and the development of European nations down to the present time. Outside reading and note-books required.

## POLITICAL SCIENCE.

I. *Civil Government* (Feele). This course teaches what the National, State, and Municipal officers are, how they are elected, what their duties are, etc.

II. *Constitutional History* (Hinsdale). The National and State Constitutions and their development are carefully studied.

III. *Economics* (Seager). By text-books, lectures, and collateral reading the theory of Economics, its fundamental principles, and a comparative view of the representative authors is presented. This work is supplemented by individual research work of a very practical sort.

IV. *Applied Sociology* (Small and Vincent). A critical study is made of the distribution of the population in the nation and State, of its composition and of its ethnic groups. The development and working of society is investigated. A study of some portion of the city is made and individual reports given.

V. *Descriptive Sociology* (Small and Vincent). Open to students who have taken Course IV. Underlying principles of society are studied in this course.

## PHILOSOPHY AND EDUCATION

## PHILOSOPHY.

I. *General Psychology*. The normal phenomena of the intellect, feeling and will of man are studied. Lectures are given. Each student is required to perform a number of experiments and report the results obtained and the conclusions drawn from these experiments.

II. *Logic* (Creighton). The principles of induction, deduction, and analysis of thought are studied. Discussions from the text-book and on assigned topics give opportunity to apply these principles.

III. *Ethics*. The ethical aspects of minor morals, honor, veracity, culture, benevolence, and ambition are studied for the purpose of helping the student form right ideas of living.

## EDUCATION.

I. *History of Education* (Williams). The aim of this course is to show educational progress as seen in the advance of the nations. For this purpose Ancient, Mediæval, and Modern Education will be studied. Much reading is required outside of the text-book.

II. *School Management* (White). This course takes up the problems of school organization, discipline, recitation, supervision, and law. Reference books are constantly used.

## PRACTICE SCHOOL.

The Practice School is a department conducted for the purpose of giving practical preparation to those who are intending to teach after leaving the University. Each student taking this course is required to spend two periods a day, for one year, either in actual teaching or in observation. The work is so planned that each student gains experience in teaching the different subjects in both primary and higher grades. This work is done under close observation.

A teachers' class is held once each week. Questions of lesson planning, special methods of teaching, problems of discipline, school hygiene, hand-work in schools, story-telling, opening exercises, etc., are discussed.

The Practice School of 1917-18 had an enrollment of sixty-two in six different grades, thus giving opportunity for a variety of experience to the student teachers. Practice teaching is required of all students taking the Education B course or the course leading to the degree of Bachelor of Pedagogy.

## BIBLE

A definite amount of Bible study, as a part of regular school work, is required of every student in the Literary Department during his course.

I. *Bible Ideals* (Moulton). The aim of this course is to give the student a clear conception of the Bible as a literary masterpiece.

II. *Old Testament History*. This is a broad course giving a review of the life, institutions, religious ideas, and the ethics of the Hebrews.

III. *Foundation Truths* (Bitting). In this course the words and teachings of Jesus are studied.

## MUSIC

The expense of instruction upon the piano and for use of the instrument is one dollar and fifty cents per month, for one lesson per week.

## PIANOFORTE.

The following studies and pieces or their equivalent are given:

I. *Elementary*. First and Second Grades:

Hand culture, notation, ear training.

Finger exercises, major scales, chords, arpeggios.

Studies by Kohler, Gurlitt, and Duvernoy.  
 Sonatinas by Clementi.  
 Easy pieces for developing melody, touch, and memory.  
 Sight-playing.

II. *Intermediate.*

Different forms of technical exercises.  
 Major and minor scales for velocity and accent.  
 Arpeggios and trills, octave studies.  
 Sight-playing.  
 Studies by Duvernoy, Czerny, Op. 740; Heller Melody Studies.  
 Suitable pieces. Playing from memory.  
 Art of accompanying.

III. *Advanced.*

Rapid scales and arpeggios. Double thirds.  
 Chords of the dominant and diminished sevenths.  
 Etudes by Cramer and Chopin.  
 Sonatas by Mozart, Beethoven, and Grieg.  
 Clementi's Gradus ad Parnassum.  
 Bach Preludes and Inventions.  
 S. Coleridge-Taylor's Transcriptions of Negro Melodies.  
 Suitable pieces, Concertos and piano trios.  
 Art of accompanying.

BAND AND ORCHESTRA.

I. *Band.* Instruction under a competent leader is given for one hour each day. Any student so desiring may join this band free of charge.

II. *Orchestra.* One hour each day is given to instruction to members of the orchestra. The orchestra furnishes music at chapel and on various other occasions. No charge is made for this instruction. An annual concert is given by the band, orchestra and Glee Club during the spring.

VOCAL MUSIC.

Much stress is put upon vocal music. Besides individual instruction of the class work, much time is given to chorus work. A college choir gives opportunity for training. Several concerts are given each year for which special training is given.

I. Vocal music once a week is offered to all students. The following is the work taken up:

Tone Work and Breathing, Notation, Ear Training, Scale Building, Recognition by Ear of Diatonic Intervals, of Major and Minor Scales, Written Work, Sight-Singing Exercises and Chorus Singing.



## MECHANIC ARTS

The Mechanical Department offers courses of instruction in the following branches: Drawing and Designing, Blacksmithing, Joinery, Bench Work, Cabinet Work, Carpentry, Painting, Bricklaying, Plastering, Machine Work, Upholstering, Chair-caning, Arts, and Crafts.

The new Industrial Building, the Tupper Memorial, is equipped with modern machinery, driven by electricity, for use in the various trades. The installation of the equipment and the building of many of the machines were done by the students in the department, which afforded them an opportunity to gain some valuable experience.

## COURSES OF STUDY

### Course in Drawing

#### FIRST YEAR.

##### FREE-HAND DRAWING.

Lectures will be given on the value of free-hand drawing to an architect, the eye and the camera, restraining in drawing, the kinds of material and how to use them. Before trying to draw any definite forms the student will practice diligently drawing straight lines in horizontal, vertical, and oblique positions, also circles and ellipses. Before introducing the pencil, chalk work, preliminary terms and definitions will be studied. Free-hand perspectives including figures illustrating twenty-four general rules will be given. One point.

#### SECOND YEAR.

##### FREE-HAND DRAWING.

Instruction is given in general directions for drawing objects, testing drawings by measurement, misuse of tests, light, and shade, form drawing, value drawing, values, the value scale, how to make and use a value scale, variety of shading and direction of shade lines. Twelve plates required. One point.

#### THIRD YEAR.

##### MECHANICAL DRAWING.

Students are taught the names of instruments, their use, how to care for them, materials, and how to select them. Work will be given in lettering, penciling, and inking. Sixteen drawings are re-

quired. Geometric definitions, the measurement of angles, conic sections, and twenty-seven geometric problems in drawing will be required. One point.

#### FOURTH YEAR.

##### MECHANICAL DRAWING.

Instruction will be given in Orthographic and Isometric projection, inking, tracing, lettering, drawing, blue-printing, shades and shadows, sectional lining, and colors. One point.

#### FRESHMAN YEAR.

##### PERSPECTIVE DRAWING.

Definition and general theory, perspective projection, picture plane, station point or point of sight, vanishing point, vanishing trace, plane of the horizon. A study of the five axioms of perspective and their application to perspective projection. Rendering in pen and ink, rendering in wash. One point.

#### SOPHOMORE YEAR.

##### ARCHITECTURAL DRAWING.

Architectural lettering, lectures describing the various kinds of materials used in building construction, the methods of their manufacture and preparation, defects and special uses, practical problems in designing, theory of designing, composition, scale, ornament, design of a small frame cottage with foundation plan, floor plan, roof plan, elevations, front and side, framing plan, full detail and specifications. Design of a colonial house; basement plan; floor plans; elevations, front, side and rear; framing plans; details of cornice, plumbing, windows, porch, kitchen, china closet, staircase, fireplace with full specifications. One point.

#### JUNIOR YEAR.

##### ARCHITECTURAL DRAWING.

Design of a brick building with complete plans, elevations and detail drawings of stairs, trusses, windows, plumbing, heating, wiring, and piping for gas. Complete specifications will be prepared and the building law, law of contracts, mutual rights, rights, duties, and liabilities of owner, architect, and contractor, etc., are given in full. One point.



## ARCHITECTURAL DESIGNING.

A design for a stone building, with complete drawings as above named, will be required. A study of the history of architecture, the orders of architecture are required. One point.

**Manual Training**

## COURSE A.

## JOINERY.

Students taking this course are taught the use of the saw, plane, hammer, try-square, chisels, brace and bit, gauge, sharpening and the proper care of tools. Twenty-two models are to be made from drawings. In making these models the student receives a general knowledge of the joints met with in carpentry and cabinet work. Two points.

## COURSE B.

## WOODTURNING.

Turning between two centers, porch columns, table legs, balusters, etc. Face-plate work, turning cups, rosettes, balls, etc., with models from drawings and sixteen original models are required. Two points.

## COURSE C.

## CABINET WORK.

Chairs, bookcases, office desks, mantels, and various kinds of furniture are made in this department. Two points.

## COURSE D.

## ADVANCED CABINET WORK.

Students taking this course are required to make original designs of furniture and full working drawings and make the furniture. A course in chair-caning and upholstering is given. Two points.

## COURSE E.

## CARPENTRY.

A practical course in carpentry and building is offered. Laying out work from plans, framing and completing small cottages, system in estimating, stair-building, hand-rail and intersections. Two points.

## COURSE F.

## ADVANCED CARPENTRY.

This course consists of lectures on building superintendence—selection of site, foundation, framing walls, roof, and partitions, inside finish, etc. Contracts and specifications: General province of the specification, studies in materials, sample specification, rights, duties and responsibility of owner, architect, and contractor; methods of payment, time limit, etc. Building law: Law of contracts, express and implied contract, parties competent to enter into contracts, etc. Two points.

## COURSE G.

## BLACKSMITHING.

This department is equipped with 12 down-draft Buffalo forges with blower and exhaust fan driven by a 7½ h. p. electric motor, and the necessary tools for doing the required work.

Preliminary to this work, instruction is given in the various kinds of coal, the building and management of fires, the names of tools and their use, and the effect of varying degrees of heat upon iron and steel. Two points.

## COURSE H.

## FORGING.

Forging, welding and tempering steel, toolmaking, case-hardening, annealing, grinding and polishing tools are taught, which gives the student a knowledge of working steel in various ways.

## COURSE I.

## MACHINE SHOP.

After completing the advanced course in blacksmithing, instruction is given in chipping and filing; ten models are required. The use of the engine lathe, how to center differently shaped objects, and the various cuts made by an engine lathe. Some knowledge of how to use the drill and reamer on live and dead centers, figuring gears for different kinds of threads, etc.; ten models are required. Two points.

## COURSE J.

## BRICKLAYING AND PLASTERING.

Lectures are given on clay and the manufacture of various kinds of brick, cement, lime, how to select sand, making mortar, the use

of the various tools. Plain brick work, including foundation walls, arches, fireplaces, how to prevent chimneys smoking, and plastering. Two points.

#### COURSE K.

##### PAINTING.

Instruction is given in the manufacture of paints and varnishes, turpentine, and oils. The mixing and harmony of colors, graining, and sign painting. Two points.

# DEPARTMENT OF HOME ECONOMICS

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## DOMESTIC ARTS

This department provides practical courses in hand and machine sewing, repairing, embroidery, crochet, dressmaking, and millinery. The method of teaching aims to develop the thought and the judgment of the students in neatness and good taste in dress as well as to train the eye and the hand. Lectures are given on textiles, combination and harmony of colors, and methods of teaching. Literary students are required to sew at least two periods a week, until they have completed the course in plain sewing, unless they have done similar work elsewhere. Those who wish to enter the dressmaking classes must pass satisfactorily a test in plain sewing, and will be expected to furnish their own materials.

The time required to complete this course depends upon the ability of the student.

Certificates will be given to those who complete satisfactorily the courses in plain sewing, dressmaking, and domestic science, provided they have completed one of the courses of the Academy or its equivalent.

No boarding student can give her whole time to industrial work. She will be required to enter at least two literary classes.

## DRESSMAKING

Study of textiles, simple drafting, cutting, fitting, and making cotton dresses for women and children. Shirt waists, dressing sacques and kimonos. Domestic Science uniform. Middy blouse. A little girl's complete outfit.

Cutting, fitting, and making lingerie dresses and street suits and jackets for women and children, and men's shirts and boy's suits.

Much attention is given to making over old dresses.

## PLAIN SEWING.

A. Principles of sewing, practice in use of tape measure, and cutting, fundamental stitches, repairing of various kinds, darning, and buttonholes. Seams, plackets, gathering, putting on bands. One point.

B. Tucking, hemstitching feather-stitching, and embroidery on linen and flannel. Cutting from patterns, and making a complete set of miniature undergarments, shirtwaist and skirt or house dress. One point.

C. Drafting simple patterns. Cutting, fitting, and making undergarments and shirtwaists. One point.

D. Drafting simple patterns. Cutting, fitting, and making wash dresses, including graduating dress. One point.

Credit will be given in the Dressmaking Department for the work done in Course D.

### MILLINERY

A. Making of frames of buckram and wire from measurements, or original design. Covering frames with velvet, silk, chiffon, organdie, felt, cloth, straw, crepe, lace, and tulle. Draped toques.

B. Making hats of milliner's folds, shirring, tucked, or plain covering put on loosely and tacked in place or stretched on tightly; trimming and making all kinds of bows; making of flowers from ribbon; brightening up old straws, renewing velvet, crepe, and tulle.

C. Making of caps, bonnets, and children's hats; color schemes; steaming and mirroring velvet; steaming and hemming crepe; insertion hats, and draping veils.

Women who reside in the city may take the above courses without entering literary classes, if prepared to do the work.

### DOMESTIC SCIENCE

The purpose of this department is to elevate and dignify what is generally called the drudgery of the home, and to develop skillful and efficient home-makers.

Certificates will be given to those who complete satisfactorily Courses A, B, C, D, provided they have completed the Academy Course or its equivalent.

Girls who enter the second class of the Academy may complete these courses in three years.

*Course A.*—Ventilation; study and care of kitchen; foods, composition and nutritive value; simple fundamental principles and processes of cookery; cooking of cereals, eggs, vegetables, meats, soups, made-over dishes, bread, muffins, plain cake, and beverages; elementary laundry work; care of bedroom; foundation principles of serving. One point.

*Course B.*—Preserving, canning, pickling; study of food values and functions; care, manufacture, adulteration and preparation of foods;

planning, cooking and serving simple meals; theory and practice of laundry work; marketing; digestion and nutrition; care of bedroom and dining room; practical cookery. One point.

*Course C.*—Cookery for invalids and children; advanced practical cookery; making and calculating cost of menus; formal serving; advanced digestion and nutrition; household sanitation; household chemistry; marketing. One point.

*Course D.*—Fancy cookery; keeping of accounts; serving of meals as emergency work that requires self-directed preparation and execution; furnishing and decorating the home; bacteriology; physiology; applied dietetics; field work. One point.

*Advanced Course.*—Course E in Domestic Science is open only to those who have completed the work of the Academy or its equivalent. It is designed especially for women who are planning to teach domestic science. Six or eight hours per week will be given to this course, and a laboratory fee of \$5 will be charged, payable on date of registration in class. Five pupils necessary to form a class.

*Course E.*—Physiological chemistry; biology; bacteriology; demonstrations; advanced cookery; advanced dietetics; house, drawing plan; decorations, furnishings; practice teaching; field work; thesis for examination; collateral readings. Four points.

# THEOLOGICAL DEPARTMENT

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CHARLES FRANCIS MESERVE, LL.D.,  
President.

REV. NICHOLAS FRANKLIN ROBERTS, D.D.,  
Dean.

Biblical Interpretation, Homiletics, and Systematic Theology.

REV. W. S. TURNER, A.M.,  
Assistant.

Sacred History, Biblical Interpretation.

The great aim of this department is to build up a strong Christian ministry, and improve the one that exists. This aim, it is confidently believed, can be best accomplished and the present urgent need of instruction for the ministry most satisfactorily met by pursuing the course of study herein indicated.

It is the present purpose to make this department equal to the demands and needs of the churches and the people.

## REQUIREMENTS FOR ADMISSION

The department will be open to persons of all denominations who are looking forward to the work of the ministry. They must, however, furnish satisfactory evidence of their piety and of their call of God to the ministry, and bring from the churches to which they belong certificates approving of their course in entering upon their work. Those coming from other schools must present satisfactory testimonials as to character and standing in the institutions with which they have been connected.

To pursue with profit the studies of the course, the student must have completed at least the four-years Academic Course in the American Baptist Home Mission Schools or a full equivalent. A diploma or certificate of graduation from such a course will be accepted in place of examination when the student enters the course.

Any student, with the approval of the President, will be allowed to pursue without passing the entrance examination any study in the course for which he is properly prepared. No diploma will, however, be given to any but those who pass the required tests for entrance, and who have completed all of the studies of the course and pass satisfactorily the required examinations.



## COURSE OF STUDY

This course includes six separate lines of study, and can be completed in three years. The order of instruction is as follows, and the number of hours of recitation each week is placed after each study:

*First Year.*—English Interpretation, 4; Biblical Introduction, 4; Psychology, 4; Homiletics, 4; Music and Elocution, 2; Reading Courses, 1.

*Second Year.*—English Interpretation, 3; Biblical Introduction, 4; Theology, 4; Church History, 3; Music and Elocution, 2; Reading Courses, 1.

*Third Year.*—Ethics and Theology, 4; Church History, 2; Church Polity and Pastoral Duties, 4; English Interpretation, 1; Music and Elocution, 2; Reading Courses, 2.

## OUTLINE OF WORK

The following indicates the nature and extent of the work to be done in order to secure a diploma. The outline is arranged in years, but "*First Year*" and "*Second Year*" mean the first and second years of the study of the subject, and not the first and second years of the course.

### I. BIBLICAL INTRODUCTION.

#### FIRST YEAR.

*Biblical Geography, Chronology, and Archæology.*—It is the aim to secure familiarity with the Geographical Divisions and History, with their physical features and products; with social, civil, and religious customs and ideas. Map-drawing is required. Hurlburt's Manual of Biblical History and Geography and Bissell's Antiquities are used. *Four hours each week.*

#### SECOND YEAR.

*Biblical History.*—Old Testament History is studied by topics. The Facts and Chief Teachings of the Creation; Fall; Flood; Abraham and his Covenant; Bondage and Deliverance; Mosaic Laws—civil, ceremonial, moral—and our relation to them; Conquest and Judges; Establishment of Kingdom; David—his Outward Life, Religious Views, Literature; Solomon's Times and Literature, Northern Kingdom, Southern Kingdom, Captivity; Ezra and Nehemiah; Rise and Contents of Prophecy; Messianic Prophecy. These are briefly discussed by topic, and a method of more thorough study is suggested and illustrated. The Bible is the only text-book. Inter-Biblical His-



tory and the Apocrypha; Life and Times of Jesus; Life, Journeys and Writings of Paul, occupy the last three months of the year. *Four hours each week.*

## II. ENGLISH INTERPRETATION.

The work in this department aims to show the student the correct method of studying the Bible, and to familiarize him with its contents.

### FIRST YEAR.

Study and application of (a) Bible Stories, (b) Bible Characters, (c) Bible Narrative or History, (d) Special Subjects, (e) Parables, (f) Miracles, (g) Prophecies. *Four hours each week.*

### SECOND YEAR.

Study and analysis of selected topics and of selected books; Use of Bible with Inquirers. Apologetics from the Biblical Standpoint. *Three hours each week.*

### THIRD YEAR.

Study of the Bible teachings on the motives, duty, principles, and methods of missionary work. *One hour each week.*

## III. BIBLICAL THEOLOGY AND ETHICS.

### FIRST YEAR.

Genuineness, Authenticity, and Inspiration of the Books of the Bible; Attributes of God; Providence; History of Angels; Original State of Man and His Fall; Results of the Fall; Sin, Guilt, Death; Doctrines of Salvation; The Atonement; Application of Salvation in Election; Calling; Regeneration; Conversion; Union with Christ; Justification; Sanctification and Perseverance. *Four hours each week.*

Biblical Theology concluded; The Church as a Means of Grace; The Doctrine of the Future State; Death; Intermediate State; Resurrection; General Judgment; Final State of Man; Gradual Development of Doctrines Through the Entire Bible; Relation of this Development to Church History, and the Revelation of the Father to the Saints. The last half of this year is devoted to Biblical Ethics, special attention being given to the duties of family, social, and church life. *Four hours each week.*

## IV. CHURCH HISTORY.

In the treatment of this subject the aim is to trace clearly the power of true Christianity to overcome external opposition, and to free itself from corruption. Constant references are made to Kurtz's History, Labberton's New Historical Atlas and General History; Prof. A. N. Newman's Printed Notes; Schaff, Fisher, Guericke, and Neander. The following topics are discussed:

## FIRST YEAR.

Introduction to Church History; Preparation of the World for Christianity; Foundation of Christian Church; Life of Christ; Apostolic Missions and Teachings of Apostles; Rise of Catholic Church; Spread of Christianity in the Græco-Roman World; Patristic Literature; Formation of Christian Dogma, and Development of Hierarchy; Mediæval Christianity; Missionary Work Among Germanic Nations; Character of Mediæval Worship and Piety; Monastic Life; Scholasticism and Mysticism; Development and Corruption of the Papacy; Islam. *Three hours each week.*

## SECOND YEAR.

*Reformatory Movement.*—Paulician, Albigenses, Waldenses; in Italy, Germany, Holland, England; Lutheran, Zwinglian, Calvinistic, and English Reformation; Results of Reformation on Doctrine and Polity; Counter Reformation (Catholic); Jesuits, Missions, and Inquisition; Modern Denominations; Baptists. *Three hours each week.*

## V. HOMILETICS, PASTORAL DUTIES, CHURCH POLITY.

Instruction in Vocal Music covers a period of three years. *One hour each week.*

Elocution is continued during three years. It includes Training in Pronunciation; Quality of Voice, Posture, Gesture, Expression, Vocal Interpretation of some English Classic; Reading of Scriptures and of Hymns; Public Speaking by Addresses to the Class (not sermons); Preaching in city pulpits, with Professors present for private and friendly suggestions. *One hour each week.*

## FIRST YEAR.

*Homiletics.*—Aim of Preaching; Collection of General Material; Selection of Texts; Drill in Analysis and Interpretation of Texts; Introduction; Theme; Discussion; Conclusion; Arrangement; Style; Delivery; Conduct of Public Worship; Study, Analysis and Criticism

of Sermons from such volumes as Fish's Masterpieces of Pulpit Eloquence of the Nineteenth Century; Preparation by students of skeletons and full sermons for discussion by class and Professors. The class uses Broadus's Preparation and Delivery of Sermons, and hears the topic reported by various members as presented in other books. Brief history of preaching. *Four hours each week.*

## SECOND YEAR.

*Church Polity.*—The Church, its membership, internal organization, external relations, officers, discipline. *The ordinances.*—Their nature, efficacy, and obligation. *Baptism.*—Its significance, form and subjects. *The Lord's Supper.*—Its significance and the qualifications for the taking of it. *Pastoral Duties.*—Call to the ministry, settlement, public worship, subject matter of preaching, administration of ordinances, social religious meetings, pastor and Sunday School, the pastor as an organizer of the social and religious forces of the church, pastoral visitation, studies of the pastor, personal spirit and life. *Four hours each week.*

## VI. ELEMENTS OF PSYCHOLOGY AND MORAL PHILOSOPHY.

The subjects of Psychology and Moral Philosophy will be required only of such as have failed in their preparatory course to pursue these studies. An elementary knowledge, at least, of both subjects is necessary to pursue with profit the discussions in Theology. Such a knowledge will also give the student such a conception of human nature and the laws of mind as will fit him to impart instruction in a rational way to others in the discharge of his duties as a minister.

## COURSE OF READING.

The Reading Course will be required of all students. The aim of the instruction given in this course will be to form in the student right tastes and habits of reading, and to develop the power of rightly interpreting what he reads. The course will include the reading of standard English authors, and also a careful selection of works in the history and progress of missionary effort, and a wide range of biographical sketches of eminent and successful home and foreign missionaries of the Baptist and other denominations.

The degree of Bachelor of Theology will be conferred upon all who successfully complete this course, and pass the required examinations.

### A COURSE OF STUDY FOR PASTORS

There are many pastors and, possibly, other Christian workers who would like to take a course of study that will be especially helpful to them in their various fields of labor. In view of their time of life and home duties they are unable to pursue a course of study such as is laid down for college students, and they are also unable to be away from home as long as would be necessary to enter at the beginning of a yearly session and stay until its close. They can, however, arrange to spend a few months in study during the winter. Recognizing these conditions there has been arranged a course of study at Shaw University especially adapted to the needs of these brethren. This course embraces Biblical interpretation, preparation and delivery of sermons, Old and New Testament history, church history, and some of the more vital doctrines of the church. This course begins the first of January and continues through January, February, and probably March.

## LEONARD SCHOOL OF MEDICINE

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CHARLES FRANCIS MESERVE, LL.D., *President.*

GEORGE H. STODDARD, A.M., *Dean.*

SAMUEL M. BECKFORD, M.D., *Professor of Anatomy, Associate in Physiology.*

....., M.D., *Professor of Histology and Embryology and Demonstrator of Anatomy.*

GEORGE H. STODDARD, A.M., *Professor of Physiology, Associate in Pharmacology.*

PETER F. ROBERTS, M.D., *Professor of Pathology and Bacteriology.*

JOHN H. BIAS, A.B., *Professor of Chemistry.*

L. E. MCCAULEY, M.D., *Professor of Pharmacology.*

LEMUEL T. DELANEY, M.D., *Professor of Surgery, Associate in Pathology.*

J. O. FLUMMEE, M.D., *Professor of Physical Diagnosis and Hygiene.*

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**A FEW WORDS TO YOUNG MEN WHO ARE THINKING OF  
ENTERING UPON THE STUDY OF MEDICINE**

The race is greatly in need of consecrated, skilled physicians and surgeons, and the Leonard Medical School has been established to meet this want. No one can do more to improve the daily life of the masses than the consecrated, skillful, Christian physician. The young man who aspires to become a physician should not think of what he may be able to do for himself, but the great good he may do for suffering humanity; and that, too, without receiving, in many cases, a penny for his professional services. Not *self*, but the *race*, must ever be his motto, and this requires not ability alone, but the most rugged and strongest character. The Leonard Medical School has no denominational or religious test for admission. Its students represent nearly all of the denominations, while a few have no church connections whatever. Young men of clean, pure lives, honest and reliable, and total abstainers from the use of spirituous and malt liquors, who will refrain from the use of tobacco in any form in the rooms and about the grounds of the institutions; such young men as these, and these only, need apply for admission. We want the *best* young men, and only those who will cheerfully comply with our rules and regulations, and we are determined to make the conditions as favorable as possible for obtaining a thorough education.

## HISTORICAL SKETCH

Through the liberal donations of friends of the institution, Leonard Medical School was established in 1882, by the American Baptist Home Missionary Society, and named after Judson Wade Leonard, of Hampden, Massachusetts, the principal donor.

## LEONARD MEDICAL BUILDING

The Leonard Medical Building is an imposing structure of beautiful proportions, which adorns the site donated by the North Carolina Legislature. On the first floor are the offices of the Dean and other professors, a Chemical Lecture Room, and a large and well equipped Chemical Laboratory, a Biological Laboratory, and Museum. On the second floor are the Reading Room, Lecture Room, and Laboratory for the Department of Pharmacy, the Pathological and Bacteriological Laboratory, and the Physiological Laboratory. The courses will be so arranged that Pharmacological laboratory work will also be conducted in this laboratory. On the third floor are the large lecture room, or amphitheatre, and two large laboratories for the Department of Anatomy, including Histology and Embryology.

## EQUIPMENT

On November 8, 1913, the equipment of the Histological, Pathological, and Bacteriological Laboratories was practically destroyed by fire. This equipment has been replaced by new and improved forms of apparatus. In the Chemical Laboratory, the apparatus injured by fire was replaced and some new pieces added. A balopticon for use in all departments, two special microscopes for Biology and Embryology, an autoclave for Bacteriology have been added during the present year. The above laboratories are, therefore, well supplied with new apparatus.

Several hundred volumes have been added to the library and new magazines have been added for the reading room.

The new Physiological Laboratory is amply equipped with up-to-date apparatus for a complete laboratory course. Adequate provision has been made for a laboratory course in Pharmacology. The Anatomical Laboratory as well as all of the others is well supplied with material.

## DEGREE OF BACHELOR OF SCIENCE IN MEDICINE

A four years' course leading to the degree of Bachelor of Science in Medicine has been adopted. This plan offers to the student the



golden mean between the inadequate preparation in the pre-medical course which, in the past, has been a serious handicap to many students of ability, and the excessive tax on the nervous and financial capital of deserving students involved in eight years' work for the B.S. and M.D. degrees. In this course the student will receive his Bachelor's degree in four years and at the same time complete thoroughly the first two or laboratory years of a medical course of the highest standard.

The first two years of this course are given in the College of Arts and Sciences; the last two, in Leonard Medical School.

### REQUIREMENTS FOR ADMISSION

The requirements for admission to Shaw University are given on page 12; and the College of Arts and Sciences on page 15.

For admission to Leonard Medical School a student must have completed in a satisfactory manner the first two years of any of the courses in the College of Arts and Sciences or any other recognized College or Scientific School. Such course of study must include a full year's work in Biology, a full year's work in Physics and two years' work in Chemistry. It is desirable that two years in Modern Languages, preferably German or French, be included.

### DATE OF ENTRANCE

Students are required to enter promptly at the opening of the session and to remain until after commencement. No exception can be made to this requirement, except in cases of emergency, which must be reported promptly to the President. When an exception is made, it can be only for a brief period of time.

All departments open Tuesday, October 1, 1918, and all students should be present two or three days before this date, so as to have ample time for registration and assignment to classes without delaying the regular work.

### CERTIFICATES

APPLICANTS ARE REQUIRED TO EXHIBIT NOTE-BOOKS IN BIOLOGY, PHYSICS AND CHEMISTRY AND TO FURNISH DETAILED CERTIFICATES FROM OFFICERS OF THE COLLEGE OR SCIENTIFIC SCHOOLS AT WHICH THEY HAVE STUDIED AS TO THE COURSES PURSUED IN THE ABOVE SUBJECTS.

## WOMEN ADMITTED

Women are admitted to all courses on the same terms as men. They will be required to pay the same monthly charges, general and special fees, as the men.

## EXPENSES

The tuition and general expenses of medical students are the same as those of all other students of the University. See page 8.

## SPECIAL FEES

The special fees are for the purchase of materials used in the respective laboratories. The fees below are for the full year or such part of the year as the course is given. The fee for breakage is a deposit from which will be deducted the cost of apparatus injured or broken by the student in laboratory work. Any unexpended balance will be returned at the end of the year. All fees are payable on date of entrance.

### FIRST YEAR.

Chemistry .....	\$ 5.00
Anatomy .....	10.00
Physiology .....	5.00
Histology and Embryology .....	5.00
Breakage (deposited) .....	5.00

### SECOND YEAR.

Anatomy .....	\$ 5.00
Physiology .....	5.00
Bacteriology .....	5.00
Pharmacology .....	5.00
Pathology .....	5.00
Breakage (deposited) .....	5.00

## TEXT-BOOKS

Each student is expected to purchase all text-books necessary for class room use. All students have free access to the reference books and magazines in the library and reading room. There is given below a partial list of the text-books and reference books in use.

Medical Dictionary, Dorlan; Anatomy, Gray, \$5.50; Piersol, \$7.50; Manual for Dissection, Cunningham; Physiological Chemistry, Hammerstein; Laboratory Outlines, Stanton; Histology, Piersol, \$3.50; Bacteriology, Jordan, \$3.50; Embryology, Minot; Physiology, Howell.

### REFERENCE BOOKS

Anatomy, Morris, Cunningham; Bacteriology, McFarland; Physiological Chemistry, Abderhalden, Hawke, Beebe and Buxton, Matthews; Organic Chemistry, Bungè; Chemistry of Sugars, Edmund and Lippman; Chemistry of the Proteins, Mann; Toxicology, Richter, Norris, Jones, Remsen, Perkins and Pipping, Holland, Simon; Histology, Lewis and Jordan and Ferguson and Bohm, Davidoff, Huber.

### THE GENERAL PLAN OF INSTRUCTION

The laboratory method of instruction is followed. The student is required at the time of each experiment to record his observations in a note-book. This book must be submitted to the instructor at regular intervals, and the grading given forms a part of the student's final standing. Lectures are given contemporaneously with the laboratory work. There are also frequent oral and written quizzes and a final examination in each subject.

Regular attendance upon all classes is required of each student. A student who is absent twenty per cent of the total number of hours assigned each subject, or is charged with ten per cent of unexcused absences, is denied the privilege of an examination in the subject in which the absences occur.

## SCHEDULE

## FIRST YEAR

	8:00	8:45	9:45	10:45	1:15-3:15	3:15-5:15
Monday.....	Materia Medica	Anatomy		Physiology	Chemistry	Dissection*
Tuesday.....	Materia Medica	Physiology			Chemistry	Dissection*
Wednesday.....	Materia Medica	Anatomy			Chemistry	Dissection*
Thursday.....	Materia Medica	Bacteriological Technique			Physiology (Laboratory)	Dissection*
Friday.....	Sanitary Science	Physiology	Histology and Embryology		Physiology (Laboratory)	Dissection*
Saturday.....	Sanitary Science		Histology and Embryology			

## SECOND YEAR

Monday.....	Pharmacology	Physical Diagnosis	Pathology and Bacteriology		Pharmacology (Laboratory)	Dissection*
Tuesday.....	Pharmacology	Physical Diagnosis	Anatomy		Physiology (Laboratory)	Dissection*
Wednesday.....	Pharmacology	Pathology and Bacteriology	Pathology and Bacteriology	Physiology	Physiology (Laboratory)	Dissection*
Thursday.....	Surgery	Pathology	Anatomy		Chemistry	Dissection*
Friday.....	Surgery.....	Pathology and Bacteriology	Pathology and Bacteriology		Chemistry	Dissection*
Saturday.....	Physiology		Pathology and Bacteriology		Clinic	

\*After November 1st.

## SUMMARY OF WORK

<i>Subjects:</i>	<i>Hours.</i>
Anatomy .....	1,000
Physiology .....	476
Chemistry .....	340
Pharmacology .....	244
Sanitary Science .....	50
Physical Diagnosis .....	50
Pathology .....	200
Bacteriology .....	200
Surgery .....	50
Total .....	2,610

## CURRICULUM

- FIRST YEAR.**
1. Anatomy (Gross).
  2. Dissection.
  3. Histology and Embryology.
  4. Physiology.
  5. Chemistry (Organic and Physiological).
  6. Materia Medica.
  7. Sanitary Science.
  8. Bacteriological Technique.
- SECOND YEAR.**
1. Anatomy (Advanced).
  2. Dissection.
  3. Topographical Anatomy.
  4. Physical Diagnosis.
  5. Physiology.
  6. Pathology.
  7. Bacteriology.
  8. Surgery.
  9. Chemistry (Physiological and Toxicological).
  10. Pharmacology and Therapeutics.

## DEPARTMENTS OF INSTRUCTION

## ANATOMY

**FIRST YEAR.**—Lectures and recitations in Osteology, Arthrology, Myology, Special Organs; Respiratory, Gastro-intestinal and Genito-urinary organs; peripheral nerves; Dissections and demonstrations on the cadaver throughout the year.

SECOND YEAR.—Lectures and recitations in Neurology; Cerebro spinal axis; Applied and Topographical Anatomy; Dissections and demonstrations on the cadaver for the entire year. PROFESSOR S. M. BECKFORD, M.D.

### HISTOLOGY AND EMBRYOLOGY

Given to first-year students: Lectures, recitations, and laboratory work; practice in fixing, hardening, cutting, staining, mounting, and diagnosing specimens. At least one hundred and twenty laboratory hours for histology and seventy laboratory hours for embryology. PROFESSOR.....

### SANITARY SCIENCE

FIRST YEAR.—Sanitary science and hygiene of preventive medicine, including history of sanitation. Air: composition, impurities, ventilation, and climate.

Dust, method of removal, etc.

Bacteria, more especially the pathogenic.

Plumbing.

Clothing.

Sewage, garbage, and refuse: collection and disposal.

Water: collection, purification, distribution.

School hygiene: arrangement of seats, desks, etc.

Industrial hygiene, camp hygiene, and disposal of the dead.

*Two hours per week throughout the year.*

This course is supplemented by lectures given by the members of the State Board of Health. PROFESSOR J. O. PLUMMER, M.D.

### SURGERY

SECOND YEAR.—Lectures and recitations as well as practical application of bandaging, splints, sutures, ligations, anesthesia, asepsis, antisepsis, hemorrhages. A short time is given to fractures, dislocations, amputations, and ligations. *Two hours per week throughout the year.* PROFESSOR LEMUEL T. DELANEY, M.D.

### PHYSIOLOGY

FIRST YEAR.—Didactic course in cellular phenomena, irritability and contractility, chemical and thermal changes, locomotion. Blood—circulation, function, and chemistry. Lymph—circulation, formation, properties, and uses. Respiration—mechanism, etc. Food and

food values. Digestion. Secretion, excretion, kidney and skin, reproduction and heredity.

SECOND YEAR.—Lectures and recitations on the spinal cord, sympathetic system, and brain, cerebral localization, conducting pathways, general and special senses. Secretion, digestion, absorption, liver function, internal secretion, metabolism of nitrogen and carbon, nutrition, energy, calorimetry, thermometry, animal heat, vasomotor phenomena, renal secretion, lactation, ovulation and menstruation. *For the entire year.* PROFESSOR S. M. BECKFORD, M.D.

### LABORATORY COURSE

FIRST AND SECOND YEARS.—The course will aim to elucidate selected subjects as well as to train in technique. Lectures and quizzes. Emphasis placed on correct interpretation of observed results as well as their application to the science of medicine. PROFESSOR GEORGE H. STODDARD, A.M.

Cannon's outline is followed throughout the entire course.

### CHEMISTRY

FIRST YEAR.—Organic and physiological, with laboratory exercises. Assimilation and dissimilation fully considered. *Six hours per week for entire year.*

SECOND YEAR.—Physiological chemistry, comprising (a) chemical examination of the body secretion and excretion, emphasizing the clinical significance of the various constituents; (b) occasional lectures on biochemical colloquium. *Six hours per week for the entire year.*

TOXICOLOGY. Lectures and recitations covering the symptoms and treatment of the most common inorganic and organic poisons. Isolation and detection of poisons. *At least seventy-five hours.* PROFESSOR JOHN H. BIAS, A.B.

### PATHOLOGY AND BACTERIOLOGY

I. PATHOLOGY. SECOND YEAR.—Lectures and laboratory work on general and special pathology. Autopsies at frequent intervals. Detailed instruction concerning immunity. Preparation of antitoxins. Hemolysis, including the Wasserman reaction.

NEUROPATHOLOGY.—*At least twenty hours.* Students are given the opportunity to become acquainted with specimens illustrative of the more common lesions of the nervous system, with clinical and pathological significance of each.



HEMATOLOGY.—Covers the blood-pictures of all the anemias as well as the more common diseases. The most recent methods in cell counting.

URINARY SEDIMENT.—Fully considered. Both normal and pathological sediments studied in connection with complete urinary pictures.

### BACTERIOLOGY

II. SECOND YEAR.—Lectures and recitations as well as laboratory work is given. Emphasis on technique with regard to isolation, cultivation, staining, mounting, and diagnosing of specimens of the more common pathogenic organisms. Experimental work for the sake of demonstration. P. F. ROBERTS, M.D.

### PHYSICAL DIAGNOSIS

Lectures, recitations, and demonstrations on selected cases, with careful consideration of technique in the use of instruments for diagnostic purposes. *At least sixty hours are given.* J. O. PLUMMER, M.D.

### PHARMACOLOGY

Elementary *Materia Medica* is given to first-year students two hours per week throughout the year.

SECOND YEAR.—Lectures, recitations and laboratory work in pharmacology is fully considered and emphasis is laid upon the *Modus operandi* of the more common drugs used in the treatment of diseases. *Four hours per week throughout the year.* PROFESSOR L. E. McCAULEY, M.D.

# LEONARD SCHOOL OF PHARMACY

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CHARLES FRANCIS MESERVE, LL.D.,  
*President.*

GEORGE H. STODDARD, A.M.,  
*Dean.*  
*Professor of Materia Medica, Physiology, Theoretical and Practical  
Pharmacy, and Instructor in Compounding Medicines.*

JOHN H. BIAS, A.B.,  
*Professor of Biology and Chemistry.*

GEORGE T. JONES, Ph.G.,  
*Professor of Practical Pharmacy, and Instructor in  
Compounding Medicines.*

BRITTON G. MCKENZIE,  
*Instructor in Materia Medica and Pharmacy, and Laboratory  
Assistant.*

## GENERAL INFORMATION

Each applicant for either course in Pharmacy should read carefully all of the general information in the first part of this catalogue, especially the paragraphs on The School Year, Pay Days, Charges Payable in Advance, and Applications.

## SCHOOL YEAR

The school year of the Leonard School of Pharmacy is the same as that of all other departments of the University. See page 8 of this catalogue.

## REQUIREMENTS FOR ADMISSION

The requirements for admission to Leonard School of Pharmacy are exactly the same as for admission to the College of Arts and Sciences. These are given on page 12 and page 15 of this catalogue.

## WOMEN ADMITTED

Women are admitted under exactly the same conditions as the men on payment of the same annual fees and monthly charges.

**EXPENSES**

The general expenses are exactly the same as for the Literary Department. See page 8. The Laboratory fees of the College of Arts and Sciences are stated on page 9. The student of Pharmacy is required to take all of the above courses in the Sciences and may elect any of the courses of the Leonard School of Medicine that he is prepared to take. In addition to the fees for the above required and elective subjects there are the following:

**SPECIAL FEES.**

Materia Medica (each year).....	\$ 5.00
Physiological Chemistry .....	5.00
Pharmacy (each year).....	20.00
Graduation fee .....	10.00
Breakage (deposited), for each subject.....	1.00

All charges for breakage in all laboratories are deducted from the breakage fee, and any unexpended balance is returned to the student at the end of the year.

The total charges due from a student on entrance, including board for the first month are: for the first-year student, \$47.50; for the second-year student, \$47.50; and for the third-year student, \$44.50. The charges for a fourth-year student will be less and will vary with the subjects elected.

**TEXT-BOOKS**

All text-books and note-books must be purchased by the student. The first-year student will need about \$10 to purchase the necessary note-books and text-books. The second and third-year students will need about half as much. Students are advised not to purchase text-books in Pharmacy before consulting the instructor.

Degree of Bachelor of Science in Pharmacy (B.S.), and Degree of Graduate in Pharmacy, (Ph.G.).

Two degrees are offered to students of Pharmacy: one for a full course of four years, the other for a course of three years.

In order to be recommended for the degree of Graduate in Pharmacy (Ph.G.), the student must have completed with credit the course of study outlined below. The course extends over three sessions of eight months each. The student must have completed the work of all three sessions in the Leonard School of Pharmacy of this University or of the last session here and the other two in a recognized school of pharmacy. The candidate for the degree of

Ph.G. must obtain a general average of 80 per cent in the various branches and submit a satisfactory thesis. The subject of such thesis must be announced on or before February 1st to the Dean of the Faculty. The thesis must be an original essay embodying the results of the student's personal research in some branch of pharmacy; and must be prosecuted under the direction of the professor who assigned him the subject. On May 2, the thesis shall be read before the Dean of the School, subject to criticism and correction. The corrected and approved thesis must be returned, neatly written, on or before May 10. It is desirable that graduates have had a practical experience of at least two years with some qualified pharmacist in a dispensing store. Of the three years of experience required for license by the State Board of Pharmacy, the work done in the Pharmaceutical laboratory will count for one and only one.

The candidate for the degree of B.S. in Pharmacy must fulfill all of the requirements for the degree of Ph.G., and in addition take one full year's work on subjects selected with the approval of the Deans from the courses of the College of Arts and Sciences and Leonard School of Medicine. One of these must be a full course in English.

### EXAMINATIONS

Specimen quizzes upon *Materia Medica* and oral and written quizzes upon the different branches are held regularly. Final examinations are held at the end of each term on subjects embraced in the course. No student who is absent twenty per cent of the total number of hours assigned each subject or is charged with ten per cent of unexcused absences is allowed to take an examination in the subject in which the absences occurred.

### GENERAL OUTLINE

The National Committee, representing The American Pharmaceutical Association, The American Conference of Pharmaceutical Faculties, The National Association of Boards of Pharmacy, has recently published the second edition of "The Pharmaceutical Syllabus," outlining a minimum course of instruction of twelve hundred hours. It was recommended that this syllabus be adopted by the schools of pharmacy to take effect July 31, 1914, and by the boards of pharmacy to take effect July 31, 1916. Leonard School of Pharmacy has adopted the essential features of this syllabus. The general outline is as follows:

DETAILED ASSIGNMENT OF HOURS BY BRANCHES, SUBDIVISIONS, YEARS,  
AND HOURS.

	<i>1st yr.</i>	<i>2nd yr.</i>	<i>Total.</i>
Branch I.—Materia Medica:			
Subject and hours, total.....	200	200	400
Physiology .....	50	...	50
General principles of materia medica.....	10	15	25
Pharmaceutical botany—Vegetable histology...	65	...	65
Microscopical .....	60	...	60
Posology and toxicology .....	15	25	40
Pharmaco and therapy dynamics.....	...	70	70
Pharmacognosy .....	...	90	90
Branch II.—Chemistry:			
Subjects and hours, total.....	200	200	400
Elementary physics .....	25	...	25
General inorganic .....	75	...	75
General organic .....	...	50	50
Qualitative .....	50	25	75
Manufacturing .....	50	25	75
Quantitative .....	...	50	50
Drug assaying .....	...	50	50
Branch III.—Pharmacy:			
Subjects and hours, total.....	195	205	400
Pharmaceutical Arithmetic .....	30	...	30
Pharmaceutical Latin .....	25	...	25
Theory of Pharmacy .....	60	...	60
Laboratory practice .....	20	...	20
Manufacturing pharmacy .....	60	60	120
Pharmaceutical jurisprudence .....	...	10	10
Dispensing pharmacy .....	...	60	60
Commercial pharmacy .....	...	75	75

At Leonard School of Pharmacy during the past year it has been found necessary to devote a larger proportion of the total time to certain subdivisions, particularly Pharmaceutical Arithmetic, than is required in the syllabus assignment above. For the coming year the course by branches, subjects, years, hours and total will be as follows:

<i>Subject.</i>	<i>1st yr.</i>	<i>2d yr.</i>	<i>3d yr.</i>	<i>Total.</i>
Branch I—Materia Medica .....	288	288	288	864
Branch II—Chemistry .....	240	360	360	960
Branch III—Pharmacy .....	288	288	288	864
Total .....	816	936	936	2688

## ENDOWMENT

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The great need of Shaw University at the present time is a large increase in its endowment funds to relieve the Society that has for years been responsible for its financial administration of the great burden it is carrying. Enlargement instead of retrenchment is imperatively demanded in all departments of the University, and a half million dollars ought to be added speedily to its present small endowment to meet the demands of its great and growing work. There are few institutions in the land where money can be so wisely and economically expended in the education of the colored race as here at Shaw. It has a large plant, near the center of the city, and even with a comparatively small additional annual outlay its efficiency can easily be doubled.

The present total endowment is only slightly in excess of \$50,000. The good that can be done is almost incalculable, when we consider what has been done in the last thirty years with inadequate means. No safer investment can be made than in the training and development of human souls.

### FORM OF BEQUEST TO SHAW UNIVERSITY.

I give and bequeath to Shaw University, Raleigh, N. C., the sum of \$....., for the general purposes of said University.

# ENROLLMENT

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Marks, J. E. ....	406 Bledsoe Ave., Raleigh, N. C.
McKenzie, B. G. ....	E. Tallahassee, Ala.
Robinson, Carodean R. ....	1031 Highland Ave., Winston, N. C.
Thomas, Edgar .....	338 Columbia St., Cambridge, Mass.

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McMurren, Noah .....	24 Tatems Lane, Elizabeth City, N. C.
Montgomery, Justine .....	36 President St., Charleston, S. C.

## SOPHOMORE CLASS.

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Gilmer, Prather .....	726 E. Pettigrew St., Durham, N. C.
Gerran, Garland A. ....	High Point, N. C.
Graham, Dennis W. ....	Proctorville, N. C.
Rogers, Leroy .....	Raleigh, N. C.
Thompson, Elias B. ....	Lumberton, N. C.
Walker, Melvin D. ....	110 E. Leigh St., Richmond, Va.
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Burgess, Thelma Virtue .....	527 S. East St., Raleigh, N. C.
Burt, Roger D. ....	Holly Springs, N. C.
Cartwright, Crosby .....	Bellcross, N. C.
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Haywood, Katie M.	527 W. Lenoir St., Raleigh, N. C.
Jones, Lee	144 W. Cabarrus St., Raleigh, N. C.
Jones, Louis V.	144 W. Cabarrus St., Raleigh, N. C.
Jones, James E.	14 Speed St., Elizabeth City, N. C.
Jones, Voight	Winton, N. C.
Logan, Leander	Uree, N. C.
Martin, William	8 Spring St., New Bern, N. C.
McEachin, Ivan	1326 30th St., Newport News, Va.
Moore, Daniel R.	Clarkton, N. C.
Norris, Edward P.	318 E. South St., Raleigh, N. C.
Parris, Grace ✓	601 Grace St., Wilmington, N. C.
Phillips, Nathaniel	Kernersville, N. C.
Sealy, Hudson	115 W. 137th St., New York City.
Smith, Royal J.	607 E. 4th St., Winston-Salem, N. C.
Weaver, Garan S.	Winton, N. C.
Weaver, J. B.	Winton, N. C.
Weeks, Bessie M.	Box 205, Wilson, N. C.
Wilkins, Howard	Dunn, N. C.

## FOURTH YEAR ACADEMY.

Alston, Ruth	R. No. 4, Box 4, Oxford, N. C.
Allen, G. F.	17 N. Berne St., New Bern, N. C.
Bright, Mabel	Box 190, Goldsboro, N. C.
Baucum, Ola	R. No. 2, Box 36, Wadesboro, N. C.
Badham, Bessie	Edenton, N. C.
Christmas, Frank	S. Blount St., Raleigh, N. C.
Crump, Wiley	R. No. 3, Box 36, Wadesboro, N. C.
Collins, William R.	Manteo, N. C.
Cowan, Joseph	Box 440, Abbeville, S. C.
Corbin, Lula	Pauls Cross Roads, Va.
Fogg, Virginia	226 Cotton St., Raleigh, N. C.
Graves, Thelma	306 Vance St., Charlotte, N. C.
High, Julius	Wakefield, N. C.
Holt, Samuel C.	515 S. R. R. St., Salisbury, N. C.
Hayes, Octavia	825 E. Martin St., Raleigh, N. C.
Hunt, James R.	Bostic, Va.
Jenkins, Percy M.	Box 115 Hertford, N. C.

<i>Name.</i>	<i>Postoffice Address.</i>
Jeffries, Henrie	783 Hillsboro St., Raleigh, N. C.
Long, Irene	Yost St., Elizabeth City, N. J.
Mumford, Samuel	20 Scott Ave., New Bern, N. C.
Montgomery, Callie	703 E. Monroe St., Salisbury, N. C.
Moore, Sarah	517 S. Swain St., Raleigh, N. C.
Mills, Clement F.	349 E. Bute St., Norfolk, Va.
Massey, Clarence	Monroe, N. C.
Maloy, William	403 N. Dudley St., Greensboro, N. C.
Parris, Martyn K.	601 Grace St., Wilmington, N. C.
Parris, John H.	601 Grace St., Wilmington, N. C.
Perry, Willie Anna	Oxford, N. C.
Smith, Carlotta	1101 Red Cross St., Wilmington, N. C.
Sumner, Clarence	1241 Twenty-ninth St., Newport News, Va.
Strudwick, Joseph	West Raleigh, N. C.
Toliver, Thomas	707 Depot St., Winston-Salem, N. C.
Turner, Ezra	R. No. 6, Box 71, Raleigh, N. C.
Wooten, Sarah	110 S. Virginia St., Goldsboro, N. C.
Williams, James	37 Oxford St., Trinidad, B. W. I.
Yergan, Mabel	210 E. Cabarrus St., Raleigh, N. C.

## THIRD YEAR ACADEMY.

Brown, W. R.	901 E. First St., Winston-Salem, N. C.
Brown, Joseph E.	411 N. Dargan St., Florence, S. C.
Brockington, Estelle	206 Marlboro St., Florence, S. C.
Cook, Lionel W.	307 E. Huron St., Salisbury, N. C.
Davis, Minnie B.	Wingate, N. C.
Edmonds, N. Elisha	Houston, Va.
Eison, Inez	488 E. Third St., Charlotte, N. C.
Fleming, Willie	1000 Green St., Greenville, N. C.
Foreman, Ada	323 W. Thomas St., Rocky Mount, N. C.
Fennell, James E.	Kerr, N. C.
Grier, Ruth	317 E. Hill St., Charlotte, N. C.
Hill, Edward C.	1416 Bank St., Winston-Salem, N. C.
Harris, Edna	23 Park St., Elizabeth City, N. C.
Hodges, Leanna	Goldsboro, N. C.
Howe, Albert	Florence, S. C.
Johnson, Robert W.	Plymouth, N. C.
Jones, Annie	749 S. Person St., Raleigh, N. C.
Laws Viola	714 S. East St., Raleigh, N. C.
Maloy, Hattie	403 N. Dudley St., Greensboro, N. C.
Walker, Fred	247 N. King St., Hampton, Va.

<i>Name.</i>	<i>Postoffice Address.</i>
McRae, Emma .....	Cllo, S. C.
Mowery, Frank J. ....	Box 485, Salisbury, N. C.
Neal, Eleanor .....	219 E. South St., Raleigh, N. C.
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Parker, Geneva .....	308 George St., Goldsboro, N. C.
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Toliver, Dewey .....	707 Depot St., Winston-Salem, N. C.
Whitley, Pearl .....	Lucama, N. C.
Wilson, Samuel. . . . .	Wilson, N. C.
Wortham, Eleanor .....	Warrenton, N. C.

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Banks, Maxwell .....	Statesville, N. C.
Barrett, James .....	727 S. Person St., Raleigh, N. C.
Blacknall, Kathleen .....	Garysburg, N. C.
Blalock, Mary .....	532 Cannon Ave., Raleigh, N. C.
Brewington, Tony C. ....	Dudley, N. C.
Bryant, Viola P. ....	Larchmont, N. Y.
Buffaloe, Leonora .....	1005 E. Martin St., Raleigh, N. C.
Burt, Olivia .....	Ringwood, N. C.
Crawford, Spofford J. ....	Jefferson, S. C.
Crawford, Alvin B. ....	511 S. McDowell St., Raleigh, N. C.
Crowell, William M. ....	801 W. Windsor Ave., Monroe, N. C.
Curtis, Lawrence .....	165 Union St., Hampton, Va.
Davis, Fred .....	618 E. Green St., Wilson, N. C.
Davis, Fannie E. ....	Wingate, N. C.
Dockery, Esteen .....	R. No. 29, Box 14, Charlotte, N. C.
Dobbins, Lucile .....	60 Valley St., Asheville, N. C.
Dunn, Vivian S. ....	117 Camden St., Raleigh, N. C.
Ellis, W. D. ....	Wakefield, N. C.
Evans, Mary B. ....	9 S. East St., Raleigh, N. C.
Evans, Ida M. ....	9 S. East St., Raleigh, N. C.
Fairley, Eloise V. ....	407 S. Person St., Raleigh, N. C.
Fairley, Nellie M. ....	407 S. Person St., Raleigh, N. C.
Felton, Irene B. ....	320 Chapman St., Salem, Va.
Foy, Eugene .....	408 Persimmon St., Goldsboro, N. C.
Giles, Edward P. ....	907 N. Fifth St., Richmond, Va.
Gunter, Elizabeth .....	119 N. Swain St., Raleigh, N. C.
Hackney, Eloise .....	736 Fayetteville St., Raleigh, N. C.

<i>Name.</i>	<i>Postoffice Address.</i>
Harris, Hubert	708 E. Martin St., Raleigh, N. C.
Holmes, Mae D.	Clinton, N. C.
Hill, John F.	700 Bloodworth St., Raleigh, N. C.
Holmes, John M.	Clinton, N. C.
Jackson, Wilhelmina	63 W. 131 St., New York.
Jenkins, Ruth M.	607 E. Greene St., Wilson, N. C.
Ligon, May E.	575 E. Lenoir St., Raleigh, N. C.
Ligon, Leonard W.	575 E. Lenoir St., Raleigh, N. C.
Lattie, Lois	603 State St., Winston, N. C.
McMillan, Viola	Pitt St., Tarboro, N. C.
Morris, Daisy Mabel	136 Pine St., Asheville, N. C.
Otey, Josephine	125 W. Cabarrus St., Raleigh, N. C.
Price, Ruth	700 S. Church St., Raleigh, N. C.
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Pleasant, Ella B.	Charleston, S. C.
Perry, Nelson	728 Fayetteville St., Raleigh, N. C.
Person, Annie	West Raleigh, N. C.
Ransom, Robert D.	Garysburg, N. C.
Raye, Flora Belle	1110 S. Blount St., Raleigh, N. C.
Roberts, Nathaniel H.	6 Lee's Ave., New Bern, N. C.
Robinson, Haynes B.	Box 198, W. Raleigh, N. C.
Stephens, Proctor	Proctorville, N. C.
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Tate, Noreen	322 Fowle St., Raleigh, N. C.
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Whitehead, Alfred	9 Water St., Union, S. C.
Williams, Adeline	713 Gladden St., Washington, N. C.
Williams, T. Justin	Box 186, West Raleigh, N. C.
Williams, Walker Jr.	Box 186, West Raleigh, N. C.
Wooten, Israel	Box 447, Tarboro, N. C.
Wooten, John	R. No. 5, Tarboro, N. C.

## FIRST YEAR ACADEMY.

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Benton, Andrewstine	Hamlet, N. C.
Blake, Ethel	611 S. Wilmington St., Raleigh, N. C.
Blount, Forest	Louisburg, N. C.
Bobbitt, William	23 May St., Montclair, N. J.
Brooks, John L.	Kittrell, N. C.
Brooks, Lizzie	626 St. Mary's St., Raleigh, N. C.

<i>Name.</i>	<i>Postoffice Address.</i>
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Brown, Willette T.	901 First St., Winston, N. C.
Brown, Madeline	97 Dow St., Belleville, N. J.
Bryant, Willie	Tarboro, N. C.
Bullock, Portia	521 Depot St., Winston Salem, N. C.
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Christmas, Clarine	513 S. Person St., Raleigh, N. C.
Cooke, Lizzie	517 S. Haywood St., Raleigh, N. C.
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Crump, Emily	113 Lenoir St., Raleigh, N. C.
Curtis, Wilhelmina	1115 New Bern Ave., Raleigh, N. C.
Dick, William	Greensboro, N. C.
Dickens, George T.	Tarboro, N. C.
Dockery, Cornelia	R. No. 29, Box 14, Charlotte, N. C.
Donald, Gilbert F.	High Gate, St. Mary, Jamaica.
Donnell, Samuel A.	227 E. Worth St., Raleigh, N. C.
Draughn, Waverly	Tarboro, N. C.
Dunston, Emma	Wake Forest, N. C.
Dunston, Mason	West Raleigh, N. C.
Edwards, Pearl	Siler City, N. C.
Edwards, Syrena S.	Raleigh, N. C.
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Fair, Susie	709 N. Gaston St., Raleigh, N. C.
Faison, Alma	R. No. 2, Raleigh, N. C.
Fuller, Thomas O.	429 St. Paul Ave., Memphis, Tenn.
Furlonge, Leslie A.	Smithfield, N. C.
Grant, Lucy	West Raleigh, N. C.
Graves, Gladys	306 Vance St., Charlotte, N. C.
Grimes, David	Johnson City, Tenn.
Hammond, Mittie	Box 235, Tarboro, N. C.
Harris, Dallie	Franklinton, N. C.
Haywood, Pauline	West Raleigh, N. C.
Haywood, Dexter	Raleigh, N. C.
Haywood, William D.	507 S. Person St., Raleigh, N. C.
Hester, Lena	125 Bledsoe Ave., Raleigh, N. C.
Hicks, Siman	218 Howell St., Rocky Mount, N. C.
Hill, Rosalee	Nazareth, N. C.
Hinton, James	308 Freeman St., Raleigh, N. C.
Hockaday, Levi B.	Creedmoor, N. C.

ENROLLMENT

65

<i>Name.</i>	<i>Postoffice Address.</i>
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Hollaway, Oscar .....	444 Queen St., Norfolk, Va.
Hood, Jacob, Jr. ....	Smithfield, N. C.
Horne, Lilian .....	707 W. Thomas St., Rocky Mount, N. C.
Horton, William R. ....	28 Lee St., Raleigh, N. C.
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Hunt, William .....	204 Hicks St., Raleigh, N. C.
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Jones, Ethel .....	753 S. Person St., Raleigh, N. C.
Lambert, Maude .....	5 Lee St., Raleigh, N. C.
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Laws, Joel .....	McCullers, N. C.
Ledbetter, Sallie .....	Uree, N. C.
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Lewis, Duffie .....	Manson, N. C.
Ligon, Victoria ....	20 Cor. Wilmington and Dodd Sts., Raleigh, N. C.
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Mallette, Clarice .....	18 Tarboro St., Raleigh, N. C.
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McAlister, Bertha M. ....	Holly Springs, N. C.
McCray, Eliza .....	51 Martin St., Hartford, Conn.
McCullough, Robert, Jr. ....	R. No. 1, Box 45, Tarboro, N. C.
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McKee, Annie .....	224 E. Front St., Statesville, N. C.
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Morse, Pearl .....	511 S. Swain St., Raleigh, N. C.
Nivins, Beatrice .....	606 N. John St., Monroe, N. C.
Nivins, Victor H. ....	606 N. John St., Monroe, N. C.
Nivins, Vander .....	606 N. John St., Monroe, N. C.
Nickens, C. R. ....	Winton, N. C.
Niece, John .....	916 N. Garden St., Gainesville, Fla.
Noble, Amy .....	727 Gladden St., Washington, N. C.
Norman, LeRoy .....	703 N. Seventh St., Wilmington, N. C.
Peace, Roberta .....	Box 54, Roper, N. C.
Peddy, Bertha .....	Holly Springs, N. C.
Peele, J. Ernest .....	Jackson, N. C.
Peele, Laura .....	32 Evans St., Greenville, N. C.
Peddy, James C. ....	Holly Springs, N. C.
Perry, Ruth .....	402 E. Davie St., Raleigh, N. C.
Plum, Hettie May .....	Garysburg, N. C.



<i>Name.</i>	<i>Postoffice Address.</i>
Plummer, Lizzie	Littleton, N. C.
Powell, Maude	West Raleigh, N. C.
Ray, Carlton	1431 Cromartie St., Winston-Salem, N. C.
Reid, Susie A.	Box 137 Goldsboro, N. C.
Rice, Fanny	R. No. 2, Box 2, Nashville, N. C.
Roberts, H. H.	Shelby, N. C.
Robinson, Marie	Oberlin, N. C.
Ross, Gertrude	575 S. Wilmington St., Raleigh, N. C.
Shepherd, Mamie	Jackson, N. C.
Shepherd, Sallie	Jackson, N. C.
Saulter, Burt E.	301 N. Haywood St., Raleigh, N. C.
Starnes, John	Hamlet, N. C.
Sledge, Roberta	510 W. Johnson St., Raleigh, N. C.
Smith, Jacob	R. No. 5, Box 37, Virginia, N. C.
Smith, Ezekiel	Siler City, N. C.
Smith, Carrie	Wilson's Mill, N. C.
Snow, Delia E.	905 S. Blount St., Raleigh, N. C.
Thomas, Eunice	Hamlet, N. C.
Thomas, Flossie	Spring Hope, N. C.
Thomas, David A.	Spring Hope, N. C.
Thomas, John U.	747 Fayetteville St., Raleigh, N. C.
Tyson, Louise	638 E. Hargett St., Raleigh, N. C.
Vick, Queen	115 Armistead St., Phoebus, Va.
Wadlington, Vina	R. No. 4, Box 68, Greensboro, N. C.
Wall, Richmond	Rockingham, N. C.
Watkins, James	228 E. South St., Raleigh, N. C.
Wiggins, Alonzo	Spring Hope, N. C.
Wilkins, Fred	Dunn, N. C.
Williams, Joseph	202 Heck St., Raleigh, N. C.
Wilson, Ulric	124 W. Cabarrus St., Raleigh, N. C.
Woody, Thelma Penelope	740 Linden St., Winston-Salem, N. C.
Wynne, Mamie	Mount Olive, N. C.

## SUB. ACADEMIC.

Beamon, Madge	Lisbon St., Clinton, N. C.
Bennett, Cleopatra	Farmville, N. C.
Berry, Selena	Clinton, N. C.
Boyd, Bertha	611 Fayetteville St., Raleigh, N. C.
Brewer, Chas. F.	R. No. 1, Box 41, Statesville, N. C.
Brock, Cliffous	Mount Olive, N. C.
Cleveland, Crawford	746 Depot St., Winston-Salem, N. C.



<i>Name.</i>	<i>Postoffice Address.</i>
Clegg, Richard	1209 W. Chapel Hill St., Durham, N. C.
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Edwards, Grace	Siler City, N. C.
Haygood, Collis	305 E. Monroe St., Salisbury, N. C.
Haywood, Leonard	507 S. Person St., Raleigh, N. C.
Hunter, Pearl T.	210 Cabarrus St., Raleigh, N. C.
Hinton, Artelie	Knightdale, N. C.
Holland, Plassie	Holly Springs, N. C.
Holland, Cornelia	Holly Springs, N. C.
Jordan, Cleveland	312 Fowle St., Raleigh, N. C.
Jolly, Simon	729 S. Haywood St., Raleigh, N. C.
Jones, Mamie	574 Lenoir St., Raleigh, N. C.
Kornegay, Johnnie L.	Mount Olive, N. C.
Latta, Jesse	West Raleigh, N. C.
Latta, Nellie	West Raleigh, N. C.
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Martin, Maceo	Box 25, Madison, N. C.
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Murphy, Madge C.	Seaboard, N. C.
Murphy, Hazel A.	Seaboard, N. C.
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Reeves, Edgar	Siler City, N. C.
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Royal, Beulah	Clinton, N. C.
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Smith, Lucius, Jr.	Tarboro, N. C.
Southerland, Ina	Mount Olive, N. C.
Staton, Lucy	Tarboro, N. C.
Starnes, John	Hamlet, N. C.
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Todd, George	Zebulon, N. C.
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<i>Name.</i>	<i>Postoffice Address.</i>
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Wooten, Leslie .....	Goldsboro, N. C.

## SPECIAL STUDENTS.

Dunston, Margaret	Jones, Margaret
Dunston, Mildred	Morgan, Sarah
Epps, Mabel	Saulter, Carrie
Hinton, Chaney	Steptoe, Martha
Hunnicut, Josephine	Weaver, Ethel
Hunter, Carrie	Williams, Vera
Jeffries, Carrina	
Alston, Chaney, Mrs. ....	8 Worth St., Raleigh, N. C.
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Moragne, E. W. ....	
Watson, Norman .....	Harrellsville, N. C.

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