

# Davidson College

## BULLETIN



Founded 1837

### Catalogue Number



Davidson, N. C.  
Published by the College  
.. 1913 ..

Vol. XII—No. 1

::

February, 1913

The legal title of the Institution is the  
"TRUSTEES OF DAVIDSON COLLEGE."

Bequests should be left in this way.

---

Old students will confer a favor if they will keep the Registrar of the College posted as to any change in their address or business.

# Davidson College

## BULLETIN

### CATALOGUE NUMBER

SEVENTY-SIXTH YEAR  
1912-13



DAVIDSON, N. C.

From 1902 to 1909, the Bulletin was published as a Quarterly. Now published February, March, May, June, August, September, November, December

---

Vol. XII—No. 1     ::     February, 1913

---

Entered as second-class matter, March 1, 1909, at the  
P. O. at Davidson, N. C., under Act of  
Congress July 16, 1894

J. P.  
BELL CO  
INC.  
DESIGNERS,  
PRINTERS,  
ENGRAVERS



LYNCHBURG  
VA

## TABLE OF CONTENTS

---

	PAGE
Calendar .....	4
Davidson College: Historical Note.....	5
Trustees and Officers.....	8
Faculty .....	11
Requirements for Admission.....	17
Courses of Instruction.....	31
Requirements for Degrees.....	67
General Regulations .....	74
Equipment .....	83
Societies and Organizations.....	92
Prizes and Medals.....	98
Expenses .....	100
Scholarships .....	104
General Information .....	114
Alumni Association .....	121
Word with High School Teachers.....	121
Degrees Conferred 1912.....	124
Students in Attendance 1912-13.....	128

# CALENDAR

## 1912

September 5—Thursday.....	Beginning of Fall Term
November 28—Thursday .....	Thanksgiving
December 10—Tuesday.....	Final Examination Begins
December 20—Friday.....	Fall Term Closes

## 1913

January 2—Thursday.....	Beginning of Spring Term
January 11—Saturday.....	Final Date for Reporting to Bursar
February 9—Sunday.....	Day of Prayer for Colleges
February 22—Saturday.....	Washington's Birthday—Junior Orations
April 5—Saturday.....	Maxwell Chambers Day—Senior Orations
April 19—Saturday.....	Athletic Day
May 6—Tuesday.....	Senior Examinations Begin
May 13—Tuesday.....	General Examinations Begin
May 25—Sunday (11 A. M.).....	Baccalaureate Sermon
May 25—Sunday (8 P. M.).....	Annual Sermon before Y. M. C. A.
May 26—Monday (8:30 P. M.).....	Reunion of Literary Societies
May 27—Tuesday (9 A. M.).....	Annual Meeting of Board of Trustees
May 27—Tuesday (12 M.).....	Address before Literary Societies
May 27—Tuesday (3 P. M.).....	Meeting of Alumni Association
May 27—Tuesday (8:30 P. M.).....	Junior Oratorical Contest
May 27—Tuesday (10 P. M.).....	Alumni Reception
May 28—Wednesday (11 A. M.).....	Commencement Exercises
September 2 and 3—Tuesday and Wednesday,	

Registration of All Students

September 4—Thursday (7:40 A. M.).....	Session Begins
September 4—Thursday (4 P. M.)—Opening Exercises—	
	Annual Address
October 30—Thursday.....	Davidson College Day
November 27—Thursday.....	Thanksgiving
December 11—Thursday.....	Examinations Begin
December 23—Tuesday.....	Examinations Close

## 1914

January 1—Thursday.....	Beginning of Spring Term
January 10—Saturday.....	Final Date for Reporting to Bursar
January 26—Monday .....	Re-examinations
February 2—Monday .....	Re-examinations
February 22—Sunday.....	Washington's Birthday

# DAVIDSON COLLEGE

## HISTORICAL NOTE

The Scotch-Irish Presbyterians, who settled Piedmont Carolina a quarter of a century before the Revolution, brought with them their love of liberty, of religion, and of learning. The first culminated in the Mecklenburg Declaration; the second bore fruit in scores of vigorous churches and generations of godly men and women; the third led to the establishment of numerous high-grade classical academies, and a half century later burst into flower in the founding of Davidson College. Their patriotism, religion, and love of learning are blended in every word of the motto on the College seal, *Alenda lux ubi orta libertas*.\*

The originator of the movement was Rev. Robt. Hall Morrison, D. D., at the spring meeting of Concord Presbytery, in 1835. The Presbyteries of Bethel and Morganton a few months later added their strength to that of Concord; the churches in their poverty soon raised over \$30,000 for the new institution, and on March 1, 1837, Davidson College began its career, with sixty-six students in attendance, and Dr. Morrison as its first President.

In 1855 Maxwell Chambers of Salisbury bequeathed to the College a residuary legacy of a quarter of a million dollars. The stately main building was soon erected at a cost of \$85,000, expensive apparatus and cabinets were purchased, new members were added to the faculty, and the College had entered upon a new era of prosperity and influence when the Civil War called most of its students to the front.

---

\*Let learning be cherished where liberty has arisen.

The regular exercises of the College were not intermitted during the war, though its students were mainly boys too young to bear arms; but of her munificent antebellum endowment of \$260,000, only one-fourth survived the financial ruin of the South. For nearly half a century the College had to make up in zeal, untiring labor, and heroic self-denial what she lost in worldly possessions.

After this long struggle, however, a new day is beginning to dawn. A campaign looking to an increase of the permanent endowment fund assumed definite form in the fall of 1908. After nearly two years of earnest effort this campaign resulted in pledges which should give an addition of \$225,000 to the endowment, besides certain additions to the material equipment. This amount was pledged prior to June 1, 1910, and the collection of these pledges is now in progress.

Since the war \$150,000 has been invested in apparatus, laboratories, and additional equipment, and the College has gone steadily onward with its work, training leaders in church and state, at peace with its denomination and all other institutions of learning, standing always for genuineness, thoroughness, and unremitting study in an age of educational shams, easily-won degrees, and suicidal zeal for numbers, and giving to her students that liberal, hard-won Christian culture which leads to broadened vision, intellectual self-reliance, and spiritual power.

The government of Davidson College is in the hands of a Board of Trustees, composed of fifty-nine members. Fifty-three of these are elected by the various Presbyteries of North Carolina, South Carolina, Georgia, and Florida at their fall meetings, and the remaining six by the Davidson College Alumni Association. Each trustee serves for

four years, subject to re-election. The annual meeting of the Board is held at 9 A. M. on Tuesday of Commencement week. Special meetings may be called at any time by the President of the Board.

The officers of the Board consist of a President, Vice-President, Secretary, Treasurer, Bursar, and an Executive Committee of eight members, of which the President is *ex officio* chairman. These officers and the members of the Executive Committee are elected annually by ballot by the Trustees.

As the size of the Board of Trustees unfits it for the consideration and oversight of minor matters connected with the work of the College, the practical management of the institution is placed in the hands of the Executive Committee, consisting of nine members. They meet several times during the year, and exercise all the powers of the Board during the intervals between the annual meetings, their acts, however, being subject to the review and control of the Board of Trustees.

# TRUSTEES AND OFFICERS

## OFFICERS

Rev. W. L. Lingle, D. D.	President
Mr. Geo. W. Watts	Vice-President
Rev. W. J. McKay, D. D.	Secretary
Prof. J. L. Douglas	Treasurer and Bursar

## EXECUTIVE COMMITTEE

Rev. W. L. Lingle, D. D., <i>ex officio</i>	Chairman
Rev. W. J. McKay, D. D., <i>ex officio</i>	Secretary
Mr. Geo. E. Wilson	Rev. Byron Clark, D. D.
Mr. R. A. Dunn	Mr. W. J. Roddey
Mr. P. M. Brown	Mr. J. H. Wearn
Mr. J. P. Allison	

## FINANCE COMMITTEE

Mr. Geo. E. Wilson      Mr. R. A. Dunn      Mr. P. M. Brown

## MEMBERS OF BOARD

The members of the Board are elected by their respective Presbyteries for a term of four years, at the fall meetings of the Presbyteries, the term and date being fixed by the Constitution of the College.

The clerk of each Presbytery should promptly report to the Secretary of the Board all changes, re-elections, etc.

## SYNOD OF NORTH CAROLINA

NAME	POSTOFFICE	PRESBYTERY	EXIT
Rev. H. B. Searight	Washington, N. C.	Albemarle	1915
Hon. Franklin McNeill	Raleigh, N. C.	Albemarle	1913
Rev. W. H. Davis	Pisgah Forest, N. C.	Asheville	1913
Rev. R. P. Smith	Asheville, N. C.	Asheville	1914
Rev. Byron Clark, D. D.	Salisbury, N. C.	Concord	1916
Mr. T. B. Bailey	Mocksville, N. C.	Concord	1916
Rev. C. A. Munroe	Hickory, N. C.	Concord	1915
Mr. G. F. Harper	Lenoir, N. C.	Concord	1915
Mr. J. P. Allison	Concord, N. C.	Concord	1914
Mr. O. D. Davis	Salisbury, N. C.	Concord	1914

## TRUSTEES AND OFFICERS

9

NAME	POSTOFFICE	PRESBYTERY	EXIT
Prof. J. H. Hill.....	Statesville, N. C.....	Concord .....	1913
Rev. C. M. Richards, D. D.....	Davidson, N. C.....	Concord .....	1913
Mr. A. L. James.....	Laurinburg, N. C.....	Fayetteville .....	1913
Rev. R. S. Arrowood.....	Hemp, N. C.....	Fayetteville .....	1914
Rev. J. M. Rose, D. D.....	Laurinburg, N. C.....	Fayetteville .....	1915
Mr. J. W. McLaughlin.....	Raeford, N. C.....	Fayetteville .....	1916
Rev. W. R. Minter.....	Lincolnton, N. C.....	King's Mountain.....	1916
Hon. R. L. Ryburn.....	Shelby, N. C.....	King's Mountain.....	1914
Mr. P. M. Brown.....	Charlotte, N. C.....	Mecklenburg .....	1913
Rev. A. A. McGeachy, D. D.....	Charlotte, N. C.....	Mecklenburg .....	1913
Mr. J. W. Pharr.....	Charlotte, N. C.....	Mecklenburg .....	1913
Mr. R. A. Dunn.....	Charlotte, N. C.....	Mecklenburg .....	1914
Mr. Geo. E. Wilson, Sr.....	Charlotte, N. C.....	Mecklenburg .....	1914
Rev. C. E. Hodgin.....	Greensboro, N. C.....	Orange .....	1916
Rev. Neal L. Anderson, D. D.....	Winston-Salem, N. C.....	Orange .....	1916
Mr. Geo. W. Watts.....	Durham, N. C.....	Orange .....	1914
Rev. D. I. Craig, D. D.....	Reidsville, N. C.....	Orange .....	1913
Rev. W. M. Shaw.....	Wilmington, N. C.....	Wilmington .....	1915
Mr. W. H. Sprunt.....	Wilmington, N. C.....	Wilmington .....	1913

## SYNOD OF SOUTH CAROLINA

NAME	POSTOFFICE	PRESBYTERY	EXIT
Hon. D. S. Henderson.....	Aiken, S. C.....	Charleston .....	1915
Rev. Alexander Sprunt, D. D.....	Charleston, S. C.....	Charleston .....	1914
Mr. J. W. Todd.....	Laurens, S. C.....	Enoree .....	1915
Rev. B. P. Reid.....	Reidsville, S. C.....	Enoree .....	1915
Rev. W. J. McKay, D. D.....	Sumter, S. C.....	Harmony .....	1914
Rev. H. C. Hammond.....	St. Charles, S. C.....	Harmony .....	1916
Rev. A. H. McArn.....	Cheraw, S. C.....	Pee Dee.....	1915
Hon. W. F. Stevenson.....	Cheraw, S. C.....	Pee Dee.....	1915
Rev. M. R. Kirkpatrick.....	Seneca, S. C.....	Piedmont .....	1914
R. F. Smith, M. D.....	Easley, S. C.....	Piedmont .....	1914
Rev. Wm. H. Hamilton.....	Ninety-Six, S. C.....	South Carolina.....	1914
Mr. Amos B. Morse.....	Abbeville, S. C.....	South Carolina.....	1913

## SYNOD OF GEORGIA

NAME	POSTOFFICE	PRESBYTERY	EXIT
Rev. E. L. Hill.....	Athens, Ga.....	Athens .....	1913
Mr. C. D. Montgomery.....	Atlanta, Ga.....	Atlanta .....	1914
Rev. W. A. Murray.....	Griffin, Ga.....	Atlanta .....	1914
Rev. D. W. Brannen, D. D.....	Milledgeville, Ga.....	Augusta .....	1914
Mr. H. L. Smith.....	Dalton, Ga.....	Cherokee .....	1913
Rev. R. E. Douglas, D. D.....	Macon, Ga.....	Macon .....	1915
Rev. R. A. Brown.....	Waycross, Ga.....	Savannah .....	1914
Mr. A. E. Dimmock.....	Valdosta, Ga.....	Savannah .....	1915

## SYNOD OF FLORIDA

NAME	POSTOFFICE	PRESBYTERY	EXIT
Rev. C. H. Ferran.....	DeLand, Fla.....	St. Johns.....	1913
Rev. J. F. McKinnon.....	Orlando, Fla.....	St. Johns.....	1913
Rev. W. H. Dodge.....	Ocala, Fla.....	Sewanee .....	1915
Rev. W. H. Ziegler.....	Tallahassee, Fla.....	Florida .....	1915

## FROM ALUMNI ASSOCIATION

NAME	POSTOFFICE	EXIT
Rev. T. C. Whaling, D. D.....	Columbia, S. C.....	1915
Mr. J. H. Wearn.....	Charlotte, N. C.....	1915
Hon. B. R. Lacy.....	Raleigh, N. C.....	1914
Mr. W. J. Roddey.....	Rock Hill, S. C.....	1914
Rev. W. L. Lingle, D. D.....	Richmond, Va.....	1913
Mr. John McSween.....	Timmons ville, S. C.....	1913

# FACULTY

(IN ORDER OF OFFICIAL SENIORITY)

WILLIAM JOSEPH MARTIN, PRESIDENT

A. B., M. A. (Davidson), M. D., Ph. D. (University of Virginia)

JOHN BUNYAN SHEARER, VICE-PRESIDENT

A. B., M. A. (University of Virginia), D. D., LL. D.

---

JOHN BUNYAN SHEARER

A. B., M. A. (University of Virginia), D. D., LL. D.

*Professor of Biblical Instruction*

CALEB RICHMOND HARDING

A. B., M. A. (Davidson), Ph. D. (Johns Hopkins)

*Professor of Greek Language and Literature*

WILLIAM RICHARD GREY

A. B. (Davidson), Ph. D. (Johns Hopkins)

*Professor of Latin Language and Literature*

WILLIAM JOSEPH MARTIN

A. B., M. A. (Davidson), M. D., Ph. D. (University of Virginia)

*Chambers Professor of Chemistry*

JOHN LEIGHTON DOUGLAS

A. B., M. A. (Davidson), (Johns Hopkins)

*Professor of Pure Mathematics*

JAMES McDOWELL DOUGLAS

A. B., M. A. (Davidson), Ph. D. (Johns Hopkins)

*Professor of Physics and Geology*

MARK EDGAR SENTELLE

A. B., M. A. (Davidson), M. A. (Yale University), D. D.

*Professor of Philosophy*

JOSEPH MOORE McCONNELL

A. B., M. A. (Davidson), M. A., Ph. D. (University of Virginia)

*Professor of History and Economics*

## JOHN WILSON MACCONNELL

A. B., M. A. (Davidson), M. D. (University of Maryland)  
*Professor of Biology and Physical Training*

## MAURICE GARLAND FULTON

Ph. B., M. A. (University of Mississippi), (University of Michigan)  
*Professor of the English Language and Literature*

## THOMAS WILSON LINGLE

A. B., M. A. (Davidson), Ph. D. (Leipscic), Graduate (Princeton Theological Seminary)  
*Professor of Modern Languages*

## \*HOWARD BELL ARBUCKLE

A. B., M. A. (Hampden-Sidney), Ph. D. (Johns Hopkins)  
*Chambers Professor of Chemistry*

## ARCHIBALD CURRIE

A. B., A. M. (Davidson), (Columbia University)  
*Associate Professor in Elementary Law, Education, and Public Speaking*

†.....  
*Instructor in Applied Mathematics and Astronomy*

---

**OTHER INSTRUCTORS, OFFICERS AND ASSISTANTS**

## ‡GROVES HOWARD CARTLEDGE

A. B., A. M. (Davidson)  
*Acting Professor of Chemistry*

## ‡THOMAS GREENLEE TATE

A. B. (Davidson)  
*Instructor in English and Mathematics*

---

\*Enters on the duties of his chair in September, 1913.

†To be filled for 1913-14.

‡Retires after May, 1913.

WILLIAM THOMAS COOK

B. P. E. (Springfield Y. M. C. A. Training School)  
*Athletic Director*

GRADY BOWMAN

*Assistant in Astronomy*

LOCKE WHITE

*Assistant in Bible*

SAMUEL MacKEIVER WOLFE

*Assistant in Bible*

HERBERT SNIPES TURNER

*Laboratory Assistant in Biology*

HARRY WILSON BACHMAN

*Laboratory Assistant in Chemistry*

JOHN HOWARD ELDER

*Laboratory Assistant in Chemistry*

ROBERT WESLEY GUTHRIE

*Assistant in Charge of Stock Room, Chemical Laboratory*

ROBERT CURRIE WHITE

*Assistant in English*

JAMES McBRYDE WILLIAMS

*Assistant in History*

JOHN CREELMAN BOYD

*Assistant in Mathematics*

IRVINE CRAIG CRAWFORD, A. B.

*Laboratory Assistant in Physics*

JAMES McLEAN ROGERS

*Laboratory Assistant in Physics*

HENRY LAURENS ELLIOT

*Laboratory Assistant in Physics*

ORAN STEDMAN CRAWFORD

*Assistant in Social Science*

CORNELIA SHAW

*Librarian and Registrar*

WILLIAM KEITH BOSWELL, JR.

JAMES ENOCH FAW

WILLIAM EDWARD LYNCH

BENJAMIN FRANKLIN PIM, JR.

JOHN CREW SULLIVAN

*Assistants in Library*

JOHN PAYNE WILLIAMS

*Stenographer to President*

JAMES LEONIDAS PAYNE

*Office Assistant*

PROFESSOR JOHN LEIGHTON DOUGLAS

*Treasurer and Bursar*

PROFESSOR THOMAS WILSON LINGLE

*Field Representative*

DOCTOR JOHN WILSON MacCONNELL

*College Physician*

MRS. ALICE ROBSON

*Trained Nurse in Charge of College Infirmary*

PROFESSOR MAURICE GARLAND FULTON

*Secretary of the Faculty*

PROFESSOR JOSEPH MOORE McCONNELL

*Intendant of Dormitories*

DANIEL EUGENE BROWN

*Superintendent of Buildings and Grounds*

**STANDING COMMITTEES OF THE FACULTY**

(THE PRESIDENT IS EX OFFICIO MEMBER OF ALL COMMITTEES. THE MEMBER FIRST NAMED IN EACH INSTANCE IS CHAIRMAN)

**LOCAL FINANCE**

Professors Grey, J. L. Douglas, the President. (Appointed by the Executive Committee of the Trustees)

**EXECUTIVE**

The President, Professors Grey, Sentelle, Fulton

**ABSENCE**

Professors Fulton, J. W. MacConnell, J. M. Douglas, Mr. Tate

**SUPERVISION**

Professors Sentelle, J. M. McConnell, Harding, Currie

**ENTRANCE REQUIREMENTS AND ADMISSION**

Professors Currie, Grey, Harding

**BULLETINS**

Professors Lingle, Fulton, the President

**PUBLIC LECTURES AND LYCEUM COURSE**

Professors J. W. MacConnell, Arbuckle

**EXAMINATION SCHEDULES**

Professors Shearer, Lingle

**RECITATION SCHEDULES**

Professors J. M. Douglas, Lingle, Arbuckle

**DEGREES (GRADUATION AND HONORARY)**

Professors Harding, Sentelle, Shearer

**HONORS (GRADUATION AND CLASS)**

Professors Lingle, Cartledge

**STUDENT TEACHERS' EXCHANGE**

Professors J. M. McConnell, J. M. Douglas, Harding

## DAVIDSON COLLEGE

**STUDENT SELF-HELP**

Professors Lingle, Grey

**STUDENT PUBLICATIONS**

Professors J. M. Douglas, Sentelle

**ATHLETICS AND COLLEGE ORGANIZATIONS**

Professors J. W. MacConnell, J. M. McConnell, Currie

**INTERCOLLEGIATE DEBATES AND ORATORICAL CONTESTS**

Professors Currie, J. M. McConnell, Fulton

**LIBRARY**

Professors Fulton, J. L. Douglas, Arbuckle, Miss Shaw

**ALUMNI ASSOCIATIONS**

Professors J. L. Douglas, J. M. McConnell, Currie

**PUNCTUALITY ROLL**

Mr. Tate and student office force

**ENTERTAINMENT OF TRUSTEES**

Professors J. M. McConnell, J. M. Douglas

**CHAPEL AND CHURCH SEATING**

Professor J. L. Douglas (Seniors)    Professor Grey (Sophomores)  
Professor Fulton (Freshmen)        Professor J. M. Douglas (Juniors)

## REQUIREMENTS FOR ADMISSION

Applicants for admission should enter into correspondence with the President at as early date as possible. Evidence of quantity and quality of school work done in preparation for college entrance should be submitted together with satisfactory testimonials of good moral character. Students coming from other institutions must furnish letter of honorable dismissal together with a full statement of both high school entrance and college credits to which they are entitled. No one under fifteen years of age is admitted, while ordinarily seventeen should be considered the minimum age. The average age of the members of the Freshman class is above eighteen.

No young man who cheats on high school examinations, or who drinks or gambles, is wanted at Davidson College, and it is earnestly requested that the name and address of such be not sent to the President. Only those should apply for admission who are willing to attend all college exercises faithfully, to respect the regulations of the institution, and to seriously engage in the work assigned them.

To be admitted to the Freshman class in all subjects without conditions it is necessary for the applicant to present fourteen units of high school work. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. With four subjects a student would make four units a year in a high school, and twelve units in three years. No student should undertake to enter Davidson who has not completed at least three years of high school work under efficient teachers, and ordinarily he should take four years. Stu-

dents are earnestly warned against entrance into college until well prepared to carry successfully college work, otherwise they will soon become discouraged and lose interest in their education. A student with proper testimonials as to ability may, however, enter Davidson with two units of conditions. In this case he will be required to remove these conditions within two years, either by outside study, or by pursuing first-year courses in Greek, French, German and History in College, that may be counted as part of entrance requirements, such courses not to count toward a degree. The fourteen units must be selected from the following list:

### ENGLISH

- a. English Grammar, Analysis and Composition 1 unit.
- b. Rhetoric and Composition..... 1 unit.
- c. Reading and Literature..... 1 unit.

This is equivalent to the regular requirements in English of the National Conference on Uniform Entrance Requirements, which for 1913 to 1915 are printed below in detail:

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

*English Grammar and Composition*—The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school, and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of discourse, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that

subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading and literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

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

(A) READING. The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For the examinations in 1913, 1914, and 1915:

With a view to large freedom of choice the books provided for reading are arranged in the following groups from which at least ten units (each unit being set off by semicolons) are to be selected, two from each group:

I. The Old Testament, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Æneid*. The *Odyssey*, *Iliad* and *Æneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Cæsar*.

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe* or *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield* or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*, George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

IV. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers* in *The Spectator*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essays on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; selections from Lincoln, including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the last public address, and the letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*; *A Liberal Education* and *A Piece of Chalk*; Stevenson's *Inland Voyage* and *Travels with a Donkey*.

V. Palgrave's *Golden Treasury* (first series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, Canto IV, and *Prisoner of Chillon*; Palgrave's *Golden Treasury* (first series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome*, and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*.

(B) STUDY. This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading are provided a play, a group of poems, an oration, and an essay, as follows:

For the examinations in 1913, 1914, and 1915:

Shakespeare's *Macbeth*; Milton's *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

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

The examination will be divided into two parts, one of which may be taken as a preliminary and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the list headed **READING**; and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. These topics will involve such knowledge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected of boys. In grammar and rhetoric the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed **STUDY**. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for **STUDY**, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their contents, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding

of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

### MATHEMATICS

a. Arithmetic and Algebra to Quadratics..... 1 unit.

The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, ratio, and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and negative.

b. Quadratic Equations, Binomial Theorem and Progressions .....  $\frac{1}{2}$  unit.

Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending upon quadratic equations; the binomial formula for positive integral exponents; the formulas for the  $n$ th term and the sum of the terms of arithmetic and geometric progressions, with applications.

c. Plane Geometry—5 books..... 1 unit.

The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle. The solution of numerous original exercises, including loci problems. Application to the mensuration of lines and plane surfaces.

d. Solid Geometry.....  $\frac{1}{2}$  unit.

The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The solution of numerous original exercises, in-

cluding loci problems. Applications to the mensuration of surfaces and solids.

- e. Plane Trigonometry.....  $\frac{1}{2}$  unit.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas; product formulas; trigonometric transformations. Solution of simple trigonometric equations. Theory and use of logarithms (without introducing infinite series). Solution of right and oblique triangles with applications.

### LATIN

- a. Grammar and Composition..... 1 unit.

The student should have constant drill in the forms, rules of gender, case construction, uses of the subjunctive and the infinitive, conjugation of regular and irregular verbs, and in the translation of easy prose into Latin.

- b. Cæsar—4 books..... 1 unit.

- c. Cicero—6 orations or equivalent..... 1 unit.

- d. Virgil's *Æneid*—6 books..... 1 unit.

a, b, and c, or their equivalent, are necessary for unconditioned entrance into the Freshman Latin Class.

Accuracy in translation and repeated reviewing is absolutely necessary, and the drill in forms, uses of the moods in direct and in indirect discourse, constructions of cases and in Latin composition should be continued daily along with the work in Cæsar, Cicero, and Virgil.

Virgil is optional, but, if offered, the student will be excused from taking it as parallel reading.

### GREEK

- a. Grammar and Composition..... 1 unit.

- b. Xenophon's *Anabasis*—4 books..... 1 unit.

Teachers preparing students for Freshman Greek are urged to lay special emphasis on the following points: The mastery of the forms as given in any of the standard types of a Beginner's Greek Book. These embrace the inflection of nouns, pronouns, and adjectives; the

comparison of adjectives; the conjugation of the  $\omega$  and  $\mu$  verbs. The general principles of accent should be learned. A complete mastery of the vocabularies, so that the student can give either the corresponding Greek or the corresponding English word according to the form of the question, is called for. The irregular verbs should be studied, certainly, at least, to the point where the form can be recognized in the Greek text, which the student is reading.

As far as may be, Greek composition should be attempted, but where choice must be made, it is far better to emphasize forms, vocabulary, and translation of Greek into English.

In the study of the Greek text, viz., Xenophon's *Anabasis* and the selections therefrom, the student should be taught to give as literal a translation as is consistent with English idiom.

### HISTORY

- a. American History and Government..... 1 unit.
  - b. English History..... 1 unit.
  - c. The History of Greece and Rome..... 1 unit.
  - d. Medieval and Modern European History..... 1 unit.
- Any standard high school texts in history are recognized.

### FRENCH

The admission requirements in elementary French are those of the Modern Language Association of America.

The first year's work should comprise a careful drill in pronunciation, rudiments of grammar, including regular and the most common irregular verbs, inflection of other parts of speech, drill in the use of pronouns, word order, elementary syntax. Much practice should be given both the ear and the tongue by means of reading, dictation and some conversation. About 150 pages of graduated text should be read, some poems committed to memory, and work done in composition every day..... 1 unit

The second year's work should comprise the completion of a good Beginner's French Grammar, the reading of 300 pages of graduated text, continued drill in composition, irregular verbs, dictation, idioms, etc..... 1 unit.

**GERMAN**

The admission requirements in elementary German are those of the Modern Language Association of America.

The first year's work should comprise careful drill in the pronunciation, drill in the rudiments of grammar, the inflection of the various parts of speech, practice for the ear and tongue by means of reading, dictation and some conversation, memorizing some poems, and work every day in composition, together with the reading of 100 pages of easy texts..... 1 unit.

The second year's work should comprise the completion of a good Beginner's German Grammar, continued drill in forms and syntax, a hundred irregular verbs, daily oral exercises, and composition work, together with the reading of 175 pages of graduated texts..... 1 unit.

**SCIENCE**

Physical Geography..... 1 unit.

Requirements include such knowledge as is gained by careful study of such texts as Maury's *Physical Geography*, or Tarr's *Elementary Physical Geography*. Drawing and field work should be included.

Physics ..... 1 unit.

This course should cover in a good high school text the topics of Mechanics, Sound, Light, Heat, Electricity, and Magnetism. Lecture table demonstrations and student laboratory work should be included. The student's notebook of written reports on this work should be presented with indication of its acceptance by the teacher.

Chemistry ..... 1 unit.

The high school student is recommended to take Physics before Chemistry, and if only one can be thoroughly done in his school, omit Chemistry. A standard book, such as Remsen's *Introduction to the Study of Chemistry*, with lecture table, laboratory experiments, and notebook, as suggested under Physics.

Physiology .....  $\frac{1}{2}$  unit.

The preparation in Physiology should include a study of a standard text. Special study should be given to diet, sanitation, and hygiene.

Zoölogy .....  $\frac{1}{2}$  unit.

Standard high school text with laboratory work.

Botany .....  $\frac{1}{2}$  unit.

A course as contained in a standard high school text with laboratory work.

NOTE.—If evidence is submitted that a full year's work of at least 4 hours per week was given to either of the above sciences valued at  $\frac{1}{2}$  unit, together with proper laboratory books approved by the teacher, a full unit of credit will be given.

Drawing ..... 1 unit.

A year's work, including simple geometrical plane and solid figures, simple pieces of machinery; elementary rules of perspective, light, and shade, as applied in free-hand sketching.

### FOR THE A. B. COURSE

English 3 units.

Latin 3 units.

Math.  $2\frac{1}{2}$  units.

Greek 2 units.

Elective  $3\frac{1}{2}$  units (History, Science, Modern Languages).

**FOR THE B. S. COURSE**

English 3 units.

Math.  $2\frac{1}{2}$  units.

Elective  $8\frac{1}{2}$  units (Languages, History, Science).

All candidates for admission must present English and Mathematics. For students who are deficient in their preparation in Greek, there is a preparatory year given at Davidson in this subject.

In the case of a mature man over twenty years of age wishing to pursue some special course at Davidson, the faculty may waive the ordinary entrance requirements, provided evidence of ability to carry college work in the courses pursued is given.

**EXAMINATIONS FOR ENTRANCE**

Entrance examinations at the College are usually held from 9 to 12 A. M., and from 2 to 5 P. M., on Wednesday of the opening week.

They are both oral and in writing. New students arriving later may be examined on entrance, but all are urged to be present at the opening of the term. Much is lost by delay of even a day or two.

**ADMISSION BY CERTIFICATE**

If the candidate desires to enter on certificate from an accredited school he should present this certificate blank, furnished by the college on application, carefully and completely filled out and signed by the principal of his school or schools, as early in the summer as possible. It is difficult to get such records filled out after the teachers have

scattered. The candidate may save some valuable time and some disappointment, if he lacks something of full requirements for admission, by working during the summer prior to his entrance on such deficiencies in preparation as may have been found. It is exceedingly unwise for applicants to present themselves at the opening of college without knowing that they will be accepted. Much inconvenience and some expense may be saved them if they will send in their high school record well ahead of time for matriculation.

### **ADVANCED STANDING**

Candidates for the higher classes will be examined in writing on all the studies previously gone over by the class which they propose to enter. To no high school is given the right to enter students to the Sophomore class by simple certificate, and long experience proves that very few high schools in the South Atlantic States adequately prepare students for the Sophomore class of Davidson. Certificates of courses taken at regularly incorporated colleges and universities of equal grade with Davidson will, in courtesy to these institutions, be accepted at their full value.

### **GENERAL**

Every applicant for admission, having sent in his certificates and testimonials to the President and been accepted for entrance, should arrive at Davidson not later than Wednesday morning of the opening week in September, and he will do well to be present as early as Tuesday morning. This will give him time to complete matriculation and arrangement for room, board, etc., before the work of the session of Thursday.

Old students returning should complete their matriculation not later than Wednesday. All students are required to report to the Bursar and the President within 24 hours after their arrival. This also applies, as far as the Bursar is concerned, to all students returning for the spring term.

Immediately on arrival, all students, new and old, should consult Professor J. M. McConnell, the intendant of dormitories, regarding room and roommate. Professor J. M. McConnell's room is the history lecture room, first floor Shearer Hall.

The room card received from Professor McConnell should be taken by the student at once to Professor J. L. Douglas, the Bursar, in his lecture room, first floor Chambers. Here the student pays his college dues for the terms and receives a matriculation card, which he must immediately present to the proper officer for registration. The President will register all new men and will be found in his office in the Library Building. Registration offices for the old students will be posted on the bulletin boards.

New students will be classified provisionally in accordance with certificate previously submitted, examinations taken, and consultation with the professors in the respective departments. Each student should present to the registration officer a copy of the scheme of recitations with his proposed subjects underlined in pencil and should be careful in selecting his subjects to avoid all conflicts, as none will be allowed save for imperative reasons and then only with the consent of the registration officer.

Each student will be given by the officer who registers and classifies him, a card on which will be marked the classes he desires to enter. This card, presented to the professor, entitles the student to be enrolled in that class

and must be presented at the first meeting of the class after his matriculation. Professors will not enroll students until the card is presented and the student will be marked absent for all the meetings of the class after the date of his matriculation and before the card is presented.

## COURSES OF INSTRUCTION

The degree of Bachelor of Arts is conferred upon students successfully completing the courses indicated under the heading Requirements for Degrees (page 67). Latin and Greek are required, and only one choice during the first two years is allowed, viz., the selection of one of three sciences in the second year. The degree of Bachelor of Science allows greater latitude. The choice of languages is given under the condition that four years of foreign languages shall be taken for the degree, and two of the three sciences offered during the first two years must be elected. In the last two years of the course required for each degree, five elective courses must be selected, but must be well coördinated, and the Science course must include four tickets in Mathematics or Science.

For the conditions of the Master's degree see page 72.

### I. ASTRONOMY

Professor J. M. DOUGLAS

Mr. BOWMAN

#### 1. GENERAL ASTRONOMY

The aim of this course is to exhibit the principal facts pertaining to our solar system, with emphasis on the earth's position in the system; to furnish some account of the distant suns and of the various types of comets; to outline the methods by which this knowledge has been attained. Along with text-books and lectures use is made of telescope, sextant, charts and lantern.

*Prerequisites:* Physics 1, and Mathematics 2. More advanced work in Physics and Mathematics is desirable though not required.

*Three hours a week. Elective for Seniors.*

## II. BIBLICAL INSTRUCTION

Professor SHEARER

Professor SENTELLE

Mr. WOLFE

Mr. L. WHITE

The chair embraces the study of the English Scriptures and the evidences of Christianity. These are all taught *pari passu* until near the close of the course. The course extends over three years of the curriculum. The leading object is to master the contents of the sacred page, just as any other text-book is mastered, by careful study and class-room drill. All the historical and historico-prophetical books are studied in minute detail in both Testaments, and the poetical and epistolary books are studied by ample reference through the entire course.

It therefore embraces Bible history, Oriental history, the connections of sacred and secular history, geography, archæology, in the light of modern researches in the East; laws, moral, ceremonial, civil and social; typology, miracles, fulfilled prophecies, and the unities of Scripture.

Evidences of Christianity may be formally added as an appendix to the course, though carefully discussed throughout, and there is needed only a summing up and classifying in systematic and scientific form, if the time permits.

*Methods:* 1. The student is required to study the Bible, in set lessons, with the aid and direction of the syllabus, which is a brief analysis and table of contents of

the lesson in the Freshman and Sophomore classes especially, and the class is conducted with the same sort of drill work of question and answer as in other departments.

2. The professor does not undertake to expound everything to the classes as a universal commentator, but as occasion offers, and as seems necessary, he gives such brief explanation as may seem to suit the grade of the class and such time as may permit without interfering with the proper drill work of the class.

3. The fuller discussion of a great many matters is postponed until the third year of the course, when the student is better prepared by his advanced training and by his enlarged knowledge of the Scripture to study such things from a bird's-eye view of the entire Scriptures. Formal discussions by lecture are, therefore, largely limited to the third year.

4. This Bible course is in no sense a course of technical and systematic theology. It is rather an introduction to a theological course, furnishing the materials for such study; while it also gives such knowledge of the Scriptures as would seem necessary to all the learned professions and for every educated man.

5. Doctrine, however, is not ignored. The study of the Bible would be barren but for its lessons, which are the doctrines. It is the aim of the professor, therefore, to indicate and to sharply define every doctrine of the Bible in its proper place, as presented in concrete form, categorical statement, or by fair and necessary inference, and as enforced by facts and by the logic of events. This is the historical method as contrasted with the exegetical method, and gives us the true Biblical theology.

6. Every student is required to use notebook and pencil in the classroom, and take notes of explanations and discussions by the professor and to write out the same afterwards (for inspection by professor) on the blank pages of the syllabus book. In case of formal lectures the student is required to write them out in full afterwards in a suitable book for permanent preservation. This is of itself a valuable discipline for the student.

7. The effort is consistently made to make this course the unifying course of all genuine learning. The Bible is itself the universal book, touching human thought and action at every point. The professor, therefore, feels at liberty to traverse every department of human thought and action for illustration and elucidation of the sacred oracles.

#### 1. OLD TESTAMENT

This course begins with Genesis and ends with the life and work of Samuel.

*Three hours a week. Required of all Freshmen.*

#### 2. OLD TESTAMENT

The course begins with the founding of the Hebrew Kingdom, embraces ancient Oriental history as it interlaces with Jewish history, and ends with the dawn of the Christian era.

*Three hours a week. Required of all Sophomores.*

#### 3. NEW TESTAMENT

The life of Christ on the principle of the Harmony of the Gospels; all New Testament History; Bible morality as expounded in the Sermon on the Mount and elsewhere; the unities of Scripture; Evidences of Christianity.

Besides these things, the Professor conducts, by lecture and references, review studies of the entire Scriptures by topics, such as the family, the Sabbath, the sacrifices, the Covenants, the issues of Science, the Jewish polity—civil, social and ecclesiastical; the synagogue, the Church, the influence of Revelation on all philosophies and religions, and topics too numerous to mention.

*Three hours a week. Elective for Seniors.*

### III. BIOLOGY

Professor J. W. MACCONNELL

Mr. TURNER

The courses in Biology are designed to give a general knowledge of the fundamental principles of biological science, such as is needed in a general education and by those expecting to study medicine in the future. Attention is paid not so much to the details of animal and plant life as to the fundamental principles of the science and the properties of living things, their functions, structures, life histories, and evolutions. A knowledge of Chemistry such as is to be had in an elementary course is of advantage and is recommended in order that the physiological processes may be more easily mastered.

The laboratory is well lighted and each student is provided with plenty of desk room and dissecting instruments and materials and each has the use of a compound microscope for his work.

#### 1. GENERAL BIOLOGY

A few selected forms are studied as type animals or type plants to illustrate the generalizations of Biology. The ani-

mals studied and dissected are the amœbea, paramœcium, hydra, clam, crayfish, fish, frog, starfish, fowl and rabbit. A brief course in normal histology is given to familiarize the students with the character and appearance of normal tissues. The work in Botany consists of the study of the structure and functions of plants and their taxonomy. The yeasts, molds and bacteria, together with the fungi, ferns and flowering plants, are studied. The first term is devoted to Zoölogy and the spring term to Botany. Laboratory courses are given in each branch.

*Three hours a week, besides laboratory. Elective for Sophomores.*

## 2. ZOÖLOGY, EMBRYOLOGY, AND BOTANY

This course consists of advanced work along the lines laid down in the Sophomore work. The work in the fall term will be a detailed study of dissection of a type animal in each of the five classes of vertebrates. The work of the spring term consists of a short course in Embryology and Histology, being specially designed to perfect the laboratory technique of those students who expect to study medicine. Each student is supplied with a compound microscope with oil immersion lens and all necessary materials. The last half of the spring term is devoted to a study of the higher plant forms.

The laboratory requirements are a minimum of six hours per week and will probably amount to more.

*Three hours per week, besides laboratory. Elective for Juniors.*

#### IV. CHEMISTRY

Professor MARTIN

\*Professor ARBUCKLE

Acting Professor CARTLEDGE

Mr. BACHMAN

Mr. ELDER

Mr. GUTHRIE

The course in Chemistry covers three years. The department is amply supplied with apparatus and chemicals for lectures, lecture experimentation, and laboratory work, and the instruction is made distinctively practical throughout—a constant drill in the habit of observation and of reasoning therefrom. While the importance of lectures and recitations is not lost sight of, the greatest stress is laid upon the work in the laboratory, where the student is made to verify for himself (as far as possible) the laws underlying the science, believing that in this way alone will he get a true conception of these fundamental laws and the theories offered in explanation of them. Here the earnest effort is made to teach the student to be thorough and exact and to use his mental powers as well as his manipulative skill. It is expected that the student who has completed the course in this department shall not only be a chemical mechanic of considerable ability, but shall also have an intelligent knowledge and appreciation of the principles and laws underlying his work. The laboratory is open daily from 8:30 A. M. to 5:30 P. M.

##### 1. ELEMENTARY CHEMISTRY

In class the simpler facts of Inorganic and Organic Chemistry are taught by text-book and lecture, accompanied by experimental illustrations and by laboratory work done by the student under the personal supervision of an instructor.

---

\*Professor Arbuckle will be in charge of the department after 1912-13.

Oral and written questions are an important part of every recitation, and written reviews are frequent.

The students are required to work by sections in the laboratory one afternoon each week, and are taught to perform and record accurately such experiments as best illustrate the progress of their classroom work. The topics are selected with distinct reference to their bearing on general principles of the science; an earnest effort is made to ground the student in the simpler of these principles.

*Three hours a week, besides laboratory. Elective for Sophomores and Juniors.*

## 2. QUALITATIVE ANALYSIS

The work of this class is distinctly practical throughout. Qualitative Analysis (based on Gooch and Browning) is taught during the first half year (to February 1st). In addition to thorough laboratory work, covering the metals, inorganic acids, salts, alloys, and ores, the student is drilled in reaction writing and required to devise methods of his own for the separation and detection of the metals and acids. He is also constantly questioned as to the reasons for the different steps and how best to overcome any difficulties which may arise. A tri-weekly meeting of the class is held for the discussion of the laboratory work as it progresses. While other conferences may at any time be had with professor or assistant, the wisdom of learning to be self-reliant is persistently taught. Each student is required to make constant use of the chemical library, which has had large additions lately in the way of dictionaries, reference works, and standard texts. To these, additions will be made each year.

After February 1st the class is engaged in the making of inorganic preparations. In this synthetic work the student

is taught to make and purify a number of substances so selected as to carry him through as many different kinds of operations as possible.

*Inorganic Synthetic Chemistry* by Blanchard is followed, though methods not found there are selected from other sources found in the library.

The work is under the constant inspection and criticism of the professor, and with the presentation of the sample of his product the student is required to hand in a carefully prepared thesis of his work. Stress is laid upon the reactions involved and the overcoming of difficulties as they arise.

*Three hours a week, besides laboratory. Elective for Juniors.*

### 3. ANALYTICAL CHEMISTRY

During the fall term the work comprises the simpler methods of gravimetric and volumetric analysis. After this the work is conducted along lines suited to the needs and wishes of the individual student. Courses in the past have been given in mineral analysis, wet and fire assay, iron and steel analysis, fertilizer analysis, electro-chemical analysis, medical chemistry, food analysis, etc.

*Three hours a week, besides laboratory. Elective for Seniors.*

### 4. ORGANIC CHEMISTRY

From September to February 1st. Organic Chemistry is taught. The class meets three times a week for lecture and recitation. An earnest effort is made to thoroughly ground the student in the underlying principles of the subject and to give him a good grasp of the classification rather than

to require him to make an exhaustive study of any set of compounds. Special attention is paid to reaction work and to reasons for the acceptance of the structural formulæ given. The lecture work is supplemented by a laboratory course in the synthesis of such compounds as best illustrate the most important classes and reactions. Orndorff's *Manual* is followed in the laboratory.

After February 1st the course is varied. In the past courses in theoretical, physiological, industrial, and additional organic chemistry have been offered. This year the class is divided, one-half taking the industrial, and the other a course in advanced organic preparations.

Fischer's *Anleitung* is followed, though selections are made from Gatterman's *Practical Methods*. Special emphasis is laid on good yields and purity of products. With each preparation the student is given numerous references and required to present a written discussion of assigned questions.

*Three hours a week, besides laboratory. Elective for Seniors.*

#### MASTER OF ARTS COURSE

The work in this course is laboratory work in the main, but in addition there will be text-book and lecture work along advanced lines, upon which the student will be examined orally or in writing. The candidate must have completed the Chemistry courses of the undergraduate department and have received the B. A. or B. S. in this institution, or in some other college offering an equivalent course in Chemistry. The work will be along the lines suited to the needs or desires of the student. Independent work will be encouraged, and an acceptable thesis must be presented on a subject assigned.

## V. EDUCATION

Associate Professor CURRIE

### 1. GENERAL PRINCIPLES OF EDUCATION

The aim of this course is to give a thoroughly practical study in the general principles of education for the benefit of those students who propose to engage in teaching after graduation. Attention is given to the meaning and aim of education, educational theory and practice; educational problems; educational values and general principles of method. Text-book, lectures and readings.

*Three hours per week. Elective for Juniors and Seniors.*

## VI. ENGLISH LANGUAGE AND LITERATURE

Professor FULTON

Mr. TATE

Mr. R. C. WHITE

The courses in English furnish instruction in composition, literature and the history of the language. Their object is to give the student (1) the ability to express his own thoughts through spoken or written words, and (2) the ability to gain æsthetic pleasure through his native literature. The courses in literature seek not merely to give familiarity with certain masterpieces, but also to develop a love of literature that will lead the student to read for himself. The more advanced courses have, as a still further object, the cultivation of a scholarly spirit in literary work by pursuing specifically the study of some particular literary topic or period.

### 1. TYPES OF ENGLISH PROSE

The features and elements of effective writing in prose with especial reference to the fundamental forms. Weekly compositions with individual criticisms. Analysis of prose specimens. In the first term a few lectures and exercises in methods of investigation with especial reference to the intelligent use of the library. Throughout the year the class is required to read and write reports upon assigned works of fiction, biography, travel, history, and poetry. The object of this part of the course is to widen the scope of the student's reading interests. Lectures point out what is interesting and valuable in these different branches of literature.

*Two hours a week. Required of all Freshmen.*

### 2. A GENERAL SURVEY OF ENGLISH LITERATURE

From its beginning to the present time. The work consists of the study of representative classics with lectures explanatory of their historical connection. The course assumes acquaintance with the classics required for entrance and endeavors to sum up and knit together what has preceded and to add new material to fill up the more serious gaps in the student's information. Once a month a written essay is required. Several of these are based upon the study of literature, thus giving practice in literary criticism.

*Three hours a week. Required of all Sophomores.*

### 3(a). THE ENGLISH NOVEL

A study of the history and development of the English novel from its beginning to the present time. Attention will be given to the prevailing types of fiction in European literature of the eighteenth and nineteenth centuries, and

to various social, political, and religious movements as reflected in the type of literature under discussion. The style of individual novelists will also be considered.

### 3(b). AMERICAN LITERATURE

A careful consideration of the formative influences in the development of the literature of America from the Colonial period to the present time. The literature is studied in its relations to the underlying social and political conditions and to the literature of England. In the latter part of the course especial attention is given to Southern literature.

*Three hours a week. Elective for Juniors and Seniors. Not given in 1913-14.*

### 4(a). SHAKESPEARE

His life and times, his personality and the development of his art. The study in class of ten of the plays chosen to illustrate successive stages in the dramatist's development; other plays assigned for reading outside of class. Short critical essays required. Stress will be laid on the development of plot, the portrayal of character, and the relation of character to plot.

### 4(b). VICTORIAN LITERATURE

Tennyson, Browning, and Matthew Arnold are studied among the poets; Carlyle, Ruskin, and Matthew Arnold among the essayists; and Dickens, Thackeray, George Eliot, and Stevenson among the novelists.

*Three hours a week. Elective for Juniors and Seniors. To be given in 1913-14.*

**VII. FRENCH LANGUAGE AND LITERATURE**

Professor GREY  
Professor LINGLE

The course in French is designed to give the student a knowledge of the French language as it is spoken and written. Its history and formation as a member of the Latin group are observed. Being a highly developed language, French offers abundant opportunity for drill in accuracy as to details of grammar and niceties of construction. Attention is paid to developing a good pronunciation, the ear is trained by oral exercises, sight-reading and dictations, and emphasis is paid throughout the course to the spoken language. Beginning with the easiest reading exercises, more difficult texts are gradually introduced and read. The meaning is grasped without translating and the spirit of the language is preserved. An easy reading knowledge of the French leads the student to an appreciation of the works of the great literary geniuses of France. It is considered of vital importance that the student should, at the end of this course, be able to pursue his studies in his chosen field through the French as a medium.

**1(A). ELEMENTARY FRENCH**

An easy beginner's book is used, which gives a survey of the whole language in a year and furnishes the student with a working knowledge of French grammar. Reading exercises employing an ever-increasing vocabulary lead the students gradually to grasp the exact meaning in simple and idiomatic French. Composition work is done every week in connection with new vocabularies and rules of grammar. Selections are read from Erckmann-Chatrian, Bruno, Malot and others.

This course, offered during the current year, will be omitted in 1913-14, and Elementary German, Course 1(A), substituted.

*Three hours a week. Elective for Freshmen who are candidates for B. S.*

1(B). This course is open to advanced students who have had several years of work in foreign languages, ancient or modern. The same general plan will be followed as in Course 1(A), but higher standards of scholarship are demanded, and more ground is covered.

*Three hours a week. Elective for Juniors and others who have not taken Course 1(A).*

## 2. LITERATURE AND GRAMMAR

During the current year this class takes up Advanced Composition and Syntax, and continues work of this kind throughout the year. The major part of the time, however, is devoted to the reading of famous French literary works, such as Voltaire's *Siècle de Louis XIV*, *Le Cid*, *L'Avare*, *Le Misanthrope*, *Confessions d'un Ouvrier*, *Columbia*, *Pêcheur d'Islande*, *La Belle-Nivernaise*, *Un Voyage en Espagne*, *Le Romantisme Francais*, *Hernani*, *Ruy Blas*. The leading epochs of French Literature are discussed.

*Three hours a week. Elective for Seniors and others who have completed Course 1.*

## VIII. GEOLOGY

Professor J. M. DOUGLAS

### 1. GENERAL PHYSIOGRAPHY AND GEOLOGY

The fall term is devoted to physiography and the spring term to geology. The features of the lithosphere, and their

formation, are carefully noted and explained. The laws governing the hydrosphere and its action on the lithosphere are considered. The general principles of meteorology are taken up in connection with the atmosphere.

The elements of botany and zoölogy are taught by lectures as a preparation for the study of historical geology. About two hundred typical fossils are studied as a part of the daily work of the class. A carefully prepared thesis on a subject assigned by the professor is required of each student.

*Three hours a week. Elective for Juniors.*

## IX. GREEK LANGUAGE AND LITERATURE

Professor HARDING

The minimum time in which a student can be prepared properly for entering the Freshman class in Greek is two high school years of five recitations per week. Those who try to do the required amount of work in less time almost invariably enter ill-prepared and find that they are unable to keep abreast with the class.

### A. BEGINNING GREEK

The elements of the language are studied as prescribed in a First Greek Book, with thorough drill in forms and syntax. Reading of Xenophon's Anabasis. This course is intended for students who have not studied Greek, but who wish to take the A. B. degree. Four books of Anabasis are required for unconditional entrance to Course 1. Any portion of this not covered in Course A, the student will be conditioned on.

*Five hours a week. Elective for all students as an entrance requirement.*

## 1(a). XENOPHON

A page or more of Xenophon's *Cyropædia* or *Hellenica* is read daily, with explanations of the simpler constructions of syntax. Correct and intelligent pronunciation of the Greek text is insisted upon. The work in the first term includes also the Grammar, which is studied as far as syntax, the time being spent wholly in thorough review of the forms. Elementary study of classic myths as collateral work. Through the use of word-lists special attention is given to the formation of a vocabulary. Monthly written reviews on the grammar and the text.

## 1(b). PLATO

In the second term, after another month in Xenophon, Plato is read, chiefly the *Apology* and *Crito*. Study of the grammar is continued, syntax now occupying the attention of the class. Only one-half of the syntax is studied this term, but the attempt is made to master this half thoroughly by memorizing both rules and Greek examples alike. Study of Greek derivatives in English.

*Four hours a week. Required of Freshmen who are candidates for the A. B. degree; elective for all others.*

## 2(a). HERODOTUS

In the first term the class reads Herodotus, preferably stories from Herodotus. Effort is made to teach Attic forms and syntax by noting the historian's variations from this standard. Review of the forms in grammar; syntax with exercises. History of Greece; study of Greek life.

## 2(b). HOMER

In the second term two books of either the *Iliad* or the *Odyssey* are read. Homer's variations from the Attic

forms and syntax are carefully noted. The Homeric hexameter is treated exhaustively and made familiar by daily exercises in scansion. Continued drill in forms and syntax and in the writing of Greek sentences. Parallel reading in Church's *Story of the Iliad* and *Story of the Odyssey*.

Throughout both terms careful memorizing of word-lists is required, as it is believed that a good working vocabulary is essential for the mastery of the language.

*Three hours a week. Required of Sophomores who are candidates for the A. B. degree; elective for all others.*

3(a). THUCYDIDES (or alternate years, DEMOSTHENES)  
The text used in the first term is Thucydides or Demosthenes. As the author read and the other parts of the course vary with alternate years this selection is open to a student first as a Junior and again as a Senior. Much attention is given to translation and literary form in order that the student may acquire a sympathetic appreciation of the style and spirit of the authors read. Parallel reading of Lysias or an author of equal grade is required. Composition based on the text in hand. Syntax continued, in part a review of earlier work, and in part lectures by the professor. Systematic study of Greek literature. Reading of English translations of Greek masterpieces, especially of the *Iliad* and the *Odyssey*.

### 3(b). GREEK DRAMA

In the second term, the class reads Euripides and Sophocles, or Euripides and Æschylus. The work alternates from year to year. Study of syntax and exercises in Greek composition continued. Further reading of a Greek text as parallel work. Study of Greek literature continued. Read-

ing of English translations of the plays of Greek dramatists. Elements of comparative philology. Lectures on Greek synonyms. Study of the metres of the Greek tragedians.

Seniors taking this course will be expected to do additional parallel reading.

*Three hours a week. Elective for Juniors and Seniors.*

#### 4. NEW TESTAMENT GREEK

When conditions make it desirable, a course in Hellenistic and more especially New Testament Greek will be given in place of Course 3, described above. This course has in mind particularly the needs of candidates for the ministry who feel that some acquaintance with the Greek of the New Testament prior to the work taken up in the theological seminary would be of benefit to them.

*Three hours a week. Elective for Juniors and Seniors.*

### X. GERMAN LANGUAGE AND LITERATURE

Professor HARDING

Professor LINGLE

This course is designed to furnish the student the valuable mental discipline to be derived from thorough linguistic study, while training his ear and tongue in the spoken language and enabling him to read German understandingly without translating. A general acquaintance with the several important epochs of German literature and some appreciation of the works of the great literary geniuses of Germany are sought after, and the effort is made to render it possible for the student to read with ease the works of the great scholars of Germany in whatever field of study he may desire later to engage.

## 1(A). ELEMENTARY GERMAN

A beginner's book is selected which can be completed in one year. The plan is to give the student a survey of the whole field in as short time as possible and set him to reading easy texts early in the course. Selections are read from Volkmann, Zschokke, Storm, Carmen Sylva and others. Every day practice will be given the ear and tongue by means of readings, dictations, and conversation, while drilling the student in the forms and constructions of this, the most highly inflected of all the great languages of modern literature and scholarship. This course, not given during the current year, will hereafter be substituted for Elementary French (A).

*Three hours a week. Elective for Freshmen who are candidates for B. S.*

## 1(B). BEGINNING GERMAN FOR ADVANCED STUDENTS

This course is intended for students who have had several years of study in foreign languages, ancient or modern, and are capable of making rapid progress. The same general plan will be followed as in Course 1 (A), though higher standards of scholarship are demanded, and more ground is covered.

*Three hours a week. Elective for higher classmen who have not taken Course (A).*

## 2. LITERATURE AND GRAMMAR

During the current year the second half of the Grammar, consisting of syntax, is completed, in connection with daily written exercises. In the second term the composition work is based on a German text previously read, and the attempt is made to render the student familiar with the idioms of the language and niceties of expression in which the German abounds.

The history of literature occupies the class once a week throughout the year. The manual is supplemented by lectures and criticisms of authors, and by readings from approved English translations.

The classical writers read in class or assigned for parallel are Schiller, Goethe, and Lessing. Some scientific books or extracts from newspapers, periodicals, and reviews, as collected for example in Prehn's Journalistic German, are also selected. The amount read in this class is from 725 to 750 pages.

*Three hours a week. Elective for all who have completed Course 1 or 2.*

## XI. HISTORY

Professor J. M. McCONNELL

Mr. J. M. WILLIAMS

The design of this department is to acquaint the student with the leading facts in the history of those nations whose civilization has, directly or indirectly, contributed to our own; to trace the development of American national life; to attain to an understanding of the more important laws (economical, political, social), that govern organized society; and to gain some insight into the forces at work that tend to advance or retard the well-being of society.

### 1. THE ORIENT, GREECE AND ROME

This course includes a general survey of the empires antedating Greece, a careful study of the governments of Greece and of Rome, and of the fall of the Empire under German invasion, followed by its restoration in the West by Charlemagne (800 A. D.).

*Three hours a week. Elective for Sophomores who are candidates for B. S.*

## 2. GENERAL HISTORY

After a rapid survey, mainly by lecture, of the history of Greece and Rome, there will be taken up a careful study of the rise and growth of the modern European States from the fall of the Roman Empire to the present time. Special attention will be given to such important periods and movements as the Protestant Revolution, the Thirty Years' War, The Seven Years' War, and the French Revolution.

*Three hours a week. Elective for Juniors.*

## 3. ENGLISH AND AMERICAN HISTORY

The political and constitutional development of the English and American nations will be traced, and social, religious, and industrial movements studied. The method will be largely intensive. Course 1 or 2, or an equivalent, will be required for admission to this course.

*Three hours a week. Elective for Seniors.*

## XII. LATIN LANGUAGE AND LITERATURE

Professor GREY

The principal aim of the Latin course is to give the student the ability to translate with ease and to acquaint him with the grammatical and rhetorical structure of the language. In addition to this, the student is introduced to the important features of Roman history and literature. Thorough drill in Latin prose composition is given in connection with all courses. The study of grammar is carried on as regular classroom work through the Sophomore year.

### 1. CICERO, LIVY

Cicero's *De Amicitia* and *De Senectute*, and Book XXI of Livy. Weekly exercises in prose composition. Drill in

grammar through the case constructions. Bi-weekly exercises in translating easy Latin prose at sight.

*Four hours a week. Required of Freshmen who are candidates for A. B.; elective for all others.*

## 2. CICERO AND HORACE

Reading of Cicero's *Pro Milone*, Horace's *Odes*, Book I, and *Satires*, Book I, and *Epistles*, Book I. Study of Latin grammar completed. Exercises in prose composition. Study of Roman history. Special attention is paid to the meters of Horace.

*Three hours a week. Required of Sophomores who are candidates for the A. B. degree; elective for all others.*

## 3. PLAUTUS, CICERO, TACITUS, TERENCE

Reading of Plautus's *Menæchmi* and *Pseudolus*, Cicero's *De Officiis*, Tacitus's *Germania* and *Agricola*, Terence's *Phormio*. Special attention is paid to the meters of Plautus and Terence. Advanced exercises on Latin prose composition. History of Roman literature.

*Three hours a week. Elective for Juniors.*

## 4. JUVENAL, TERENCE, PLAUTUS, TACITUS, PLINY

Reading of Juvenal, Terence's *Andria* and *Adelphi*, Plautus's *Mostellaria* and *Stichus*, selections from the Elegiac Poets, Tacitus's *Annals*, Pliny's select letters. A part of the course will be devoted to the reading of early inscriptions. Advanced prose composition.

*Three hours a week. Elective for Seniors.*

**XIII. ELEMENTS OF LAW**

Associate Professor CURRIE

## 1. ELEMENTS OF LAW

This course is designed to give the student a general knowledge of the nature, source, and subject-matter of the law, and of the elementary principles of both substantive and adjective law. It is not the aim to educate lawyers, but to furnish practical instruction in legal principles that will be useful to citizens in the various professions and walks of life. The particular branches of the law, such as constitutional law, real and personal property, contracts, torts, remedies, etc., are treated in a general way, attention being paid only to elementary principles. The latter part of the course is designed to afford practical instruction in commercial law.

*Three hours a week. Elective for Seniors.*

**XIV. MATHEMATICS**

Professor J. L. DOUGLAS

Mr. TATE

.....\*

The work in this department extends through the entire college course, and includes both pure and applied mathematics. Much stress is laid on the solution in writing of original exercises designed to illustrate or to supplement the principles developed in the text.

## 1. ALGEBRA, SOLID GEOMETRY, TRIGONOMETRY

Advanced algebra is taken up at Quadratic Equations and the time devoted to the subject is two hours a week

---

\*Instructor in Applied Mathematics to be elected for 1913-14.

for the whole year. Solid Geometry is begun in September and work in this subject continues three hours a week until spring, when the subject is completed. During the remainder of the session a start is made in plane trigonometry.

*Five hours a week. Required of all Freshmen.*

## 2. TRIGONOMETRY, ANALYTICAL GEOMETRY

The work of this class begins with the solution of the right triangle, and both plane and spherical trigonometry are completed by the end of the fall term. The whole of the second term is devoted to analytical geometry and the subject of conic sections is completed.

*Three hours a week. Required of all Sophomores.*

## 3. ANALYTICAL GEOMETRY, CALCULUS

The first term is devoted to the study of the general equations of the second degree, higher plane curves and analytical geometry of three dimensions. Differential calculus occupies the class during the second term.

*Three hours a week. Elective for Juniors.*

## 4. APPLIED MATHEMATICS

The subjects taught are general theory and practice of land and topographical surveying; determination of height and distances; leveling; draining; drawing maps, profiles, and cross-sections; calculation of quantities of earthwork. Recitations and field work.

*Three hours a week. Elective for Juniors.*

## 5. MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY

Laboratory work. Details of this course to be arranged by instructor when elected.

*Three hours a week. Elective for Seniors.*

## 6. CALCULUS, DETERMINANTS, DIFFERENTIAL EQUATIONS

The class is occupied with integral calculus the entire fall term. The second term is devoted to determinants, theory of equations and differential equations.

*Three hours a week. Elective for Seniors.*

## XV. PHILOSOPHY AND PSYCHOLOGY

PROFESSOR SENTELLE

MR. WOLFE

MR. L. WHITE

Philosophy is sometimes called the queen among sciences. It seeks for the why, the wherefore, the reasons of things. It seeks to express itself in great regulative principles from axioms to the final metaphysics which would solve all the problems of ontology. Every man, from the curbstone loafer to the most cultivated man of letters, has a philosophy. What if that philosophy be false? Every false principle and practice, whether social, civil, political, moral, religious or ecclesiastical, has been justified by it. This department holds itself at liberty to traverse all human thought and action in vindication of the true and in refutation of the false.

### 1. PSYCHOLOGY, LOGIC, INTRODUCTION TO PHILOSOPHY

This course embraces psychology proper, logic, and introduction to philosophy. A careful study is made of all the powers and faculties of the human mind on the dualistic basis, as against materialism and krupto-materialism and the sensualistic philosophy on the one hand, and against all forms of idealism on the other. Sufficient consideration is given to the so-called physiological basis of mental processes. Under logic we discuss the discursive faculty, and

make a careful study of all the processes of reasoning, treating it both as a science and as an art, with the application of all proper tests.

*Three hours a week. Elective for Juniors.*

## 2. ETHICS, PHILOSOPHY OF RELIGION, HISTORY OF PHILOSOPHY

In this course we aim to set up a sound moral science against the false systems which have prevailed, whether selfish, utilitarian, hedonistic, rationalistic, or altruistic. All the great problems of the ages are brought to the tests of sound philosophy, and the vicious progeny of a false metaphysics are hunted out and exposed.

*Three hours a week. Elective for Seniors.*

## XVI. PHYSICAL CULTURE

Dr. J. W. MACCONNELL  
Mr. COOK, Athletic Director

All new students upon entering College, are required to undergo a thorough physical examination, conducted by the head of the department. This examination includes a complete record of family, history, predisposition to disease, general condition of health, together with full anthropometric measurements and strength tests. The heart and lungs are carefully examined and the results recorded. No student is allowed to engage in any strenuous exercise which might endanger his physical condition until he has had a thorough examination made of all vital organs.

It is not the aim of the department to make athletes or professional "strong men" out of the students, but to so advise and direct them in exercises and daily habits that they may attain the highest degree of physical efficiency.

The head of the department is also the College Physician and is in position to advise the students in regard to the proper prevention of disease, and daily care of the body. The College Physician invites the correspondence of the parents in regard to the health of their sons in College, and will consider such correspondence, of course, as confidential.

In the gymnasium, general class work is conducted by the director, and in addition any special exercises are given which may be prescribed for individuals by the professor in charge.

The gymnasium work is under the care of Mr. William T. Cook, who is a Bachelor of Physical Education from the Springfield Y. M. C. A. Training School. Mr. Cook coaches all athletic teams and gives his full time to this work. Being a skilled athlete and a trained director, it assures each student of being properly handled and such careful oversight as is necessary for young students who are in the formative period of their physical development.

All members of the Freshman Class are required to take systematic physical exercise three hours per week. This is to be done under the guidance and instruction of the College Physician and the College Athletic Director. The character of work to be done will be determined by the Physician and Director, and the same rules and penalties for absence from class hold in this exercise, as from other College classes.

**XVII. PHYSICS**

Professor J. M. DOUGLAS

Mr. CRAWFORD

Mr. ELLIOTT

Mr. ROGERS

The work in this department extends over three years. Throughout the course text-books and lectures go hand in hand with lecture experimentation and laboratory work. Great emphasis is placed on both the experimental and theoretical development of the subject by lectures, quizzes, and laboratory work. Several well-lighted rooms equipped with modern apparatus afford excellent facilities for laboratory work.

During the three years' course each student is required to work two and one-half hours per week in the laboratory, under the guidance and instruction of the laboratory director. He is quizzed on each step taken; care and accuracy are insisted upon. The object is to teach the student to make careful and accurate observations, and how to draw correct conclusions from the facts. The sources of error are pointed out, and it is shown how they can be minimized.

**1. ELEMENTARY PHYSICS**

During the fall term the class studies matter and its general properties. Elementary dynamical principles and their application to machines, dynamics of liquids and gases, and elementary mechanics. The second term is given to the study of heat, sound, electricity, and light. The only mathematical knowledge necessary to the successful prosecution of the course is an acquaintance with the elements of algebra and geometry, and of the metric system, which is used throughout the entire course. The facts are ex-

plained by numerous familiar lectures and illustrated by daily experiments.

*Three hours a week, besides laboratory. Elective for Sophomores and Juniors.*

## 2. ADVANCED PHYSICS

This course is a continuation of the first year's work. It is designed to suit the needs of students who take physics merely as a subject in general education; as a preparation for general scientific work, such as medicine, astronomy, and engineering; and for those who expect to pursue advanced work in this department.

*Prerequisites:* Physics 1, and Mathematics 2.

*Three hours a week, besides laboratory. Elective for Juniors.*

## 3. ELECTRICITY

This course is confined to the department of electricity, and is made both practical and thorough. During the first term direct currents are studied. The second term is devoted to alternating currents. A complete set of laboratory experiments and problems are worked by the students *pari passu* with the study of the text. The useful application of these principles to the dynamos, motor, transformer, induction coil, lighting, etc., are studied.

*Prerequisites:* Physics 2, and Mathematics 2.

*Three hours a week, besides laboratory. Elective for Seniors.*

## XVIII. PUBLIC SPEAKING

Professor CURRIE

### 1(a). ORATORY

The history of oratory; the structure and style of an oration; the various types of orations and analysis of rep-

representative examples; the preparation and delivery of speeches.

#### 1(b). ARGUMENTATION

The principles of argumentation and debate; the preparation of briefs for debate.

*Three hours a week. Elective for Juniors.*

### **XIX. SOCIAL SCIENCE**

Professor J. M. McCONNELL

Mr. O. S. CRAWFORD

#### 1. ECONOMICS

The fall term is devoted to a study of economic laws and theory, every effort being made to show the practical application of these. During the second term special study is made of such subjects as, the tariff, money and banking, labor problems, trusts and monopolies; the plan being to acquaint the student with present-day economic problems, so he may act with intelligence as a citizen in helping to solve them.

*Three hours a week. Elective for Juniors.*

#### 2. POLITICAL SCIENCE

This course opens with a brief course in the theory of government—its origin and development. The remainder of the fall term is given up to a careful study of European governments, the constitution and political system of England receiving special attention. The entire spring term is devoted to a study of American government—federal, state, and municipal.

*Three hours a week. Elective for Seniors.*

## TEXT-BOOKS

The following lists are given to indicate the general class or grade of text-books in regular use, it being understood, however, that each professor exercises the privilege of changing any text-books in his department whenever he may deem it advisable to do so. In addition to the text-books mentioned below there is being developed a special library for each department of the College, and the student is constantly being referred to works in the departmental collection. In some cases the special library is located in the room of the department concerned; in others it has convenient quarters in some one room in the College library.

### ASTRONOMY

Moulton's *Introduction to Astronomy*; Serviss's *Astronomy With the Naked Eye*; Newcomb's *Sidelights on Astronomy*; Newcomb's *Astronomy*.

### BIBLE

English Bible; Shearer's *Syllabus*; Bible Dictionary; Coleman's *Historical Geography*; Robinson's *Harmony of the Gospels*; Prideaux's *Connections of Sacred and Profane History*; Shearer's *Studies in the Life of Christ*; Shearer's *Sermon on the Mount*; Shearer's *The Scriptures, Fundamental Facts and Features*; Shearer's *Selected Old Testament Studies*; Shearer's *Hebrew Institutions, Social and Civil*.

### BIOLOGY

Sedgwick and Wilson's *General Biology*; Linville and Kelly's *General Zoölogy*; Bergen and Davis's *Outlines of Botany*; Bergen and Caldwell's *Practical Botany*; Parker and Honvell's *Zoölogy*; Atkinson's *College Botany*; Pratt's *Vertebrate and Invertebrate Zoölogy*.

**CHEMISTRY**

Jones's *Elements of Inorganic Chemistry*; Leffman and La Wall's *Organic Chemistry*; Gooch and Browning's *Qualitative Analysis*; Blanchard's *Inorganic Synthetic Chemistry*; Remsen's *Organic Chemistry*; Orndorff's *Laboratory Manual*; Fischer's *Anleitung zur Darstellung organischer Präparate*; Thorpe's *Industrial Chemistry*; Olsen's *Quantitative Chemical Analysis*; Meyer's *Theoretical Chemistry*.

**EDUCATION**

Spencer's *Education*; Filkins's *Herbert's Introduction to the Science and Practice of Education*.

**ENGLISH**

Fulton's *Expository Writing*; Woolley's *Handbook of English Composition*; Standard Editions of English Classics; Sweet's *Anglo-Saxon Primer*; Emerson's *Selections from Chaucer*; Emerson's *History of the English Language*; Simond's *History of English Literature*; *The Century Readings in English Literature*; Dowden's *Shakespeare Primer*; The Cambridge Edition of Shakespeare's Works; Tennyson's *Poems*; Browning's *Poems*; Shelley's *Prometheus Unbound*; Ruskin's *Sesame and Lilies*; Thackeray's *Henry Esmond* and *Pendennis*; Dickens's *David Copperfield* and *Oliver Twist*; Page's *The Chief American Poets*; Cross's *The Development of the English Novel*; Perry's *The Art of Prose Fiction*.

**FRENCH**

Whitney's *French Grammar*; Vreeland and Koren's *French Composition*; Gasc's *French Dictionary*; Standard Editions of French Classics.

**GEOLOGY**

Salisbury's *Physiography*; Chamberlain and Salisbury's *College Geology*.

**GERMAN**

Joynes and Wesselhoeft's *German Lesson Grammar*; Priest's *Brief History of German Literature*; Standard Editions of German Classics.

**GREEK**

Babbitt's *Greek Grammar*; Goodell's *Greek in English*; Gayley's *Classic Myths*; Sanford's *3,000 Classic Greek Words*; Botsford's *History of Greece*; Mahaffy's *Old Greek Life*; Church's *Story of the Iliad and Story of the Odyssey*; Wright's *History of Greek Literature*; Grote's *History of Greece*; Robertson's *Short Grammar of the Greek New Testament*; Gildersleeve's *Justin Martyr*; Standard Editions of Greek Classics.

**HISTORY**

West's *Ancient History*; Curtis's *Macedonian Empire*; Cox's *Athenian Empire*; Smith's *Rome and Carthage*; Beesley's *The Gracchi*; Merivale's *Roman Triumvirates*; Robinson's *History of Western Europe*, Vol. I; Robinson's *Readings*, Vols. I and II; Schevill's *Political History of Modern Europe*; Robinson and Beard's *Modern Europe*, Vol. II; Terry's *History of England*; Creighton's *Age of Elizabeth*; Elson's *History of the United States*.

**LATIN**

Harper's *Latin Dictionary*; Gildersleeve's *Latin Grammar*; Gildersleeve's *Latin Exercise Book*; Nutting's *Advanced Latin Composition*; Allen's *Roman History*; Cruttwell's *History of Roman Literature*; Allen's *Remnants of Early Latin*; Standard Editions of Latin Classics.

**ELEMENTS OF LAW**

Clark's *Elements of Law*; Authoritative Cases.

**MATHEMATICS**

Schultze's *Advanced Algebra*; Schultze & Sevenoak's *Solid Geometry*; Rothrock's *Trigonometry*; Nichol's *Analytical Geometry*; Campbell's *Calculus*; Weld's *Determinants*; Barton's *Theory of Equations*; Carhart's *Plane Surveying*; Carhart's *Field Book for Civil Engineers*.

**PHILOSOPHY AND PSYCHOLOGY**

Angell's *Psychology*; Kuelpe's *Introduction to Philosophy*; Menzies's *History of Religions*; Creighton's *Logic*; Seth's *Ethical Principles*; Dabney's *Practical Philosophy*; Rogers's *History of Philosophy*; Rand's *Modern Classical Philosophers*; Rand's *Classical Moralists*.

**PUBLIC SPEAKING**

Sears's *The History of Oratory*; Shurter's *The Rhetoric of Oratory*; Denney, Duncan and McKinney's *Argumentation and Debate*.

**PHYSICS**

Milliken and Gale's *First Course in Physics*; Milliken and Gale's *Laboratory Course in Physics*; Miller's *Progressive Problems in Physics*; Henry Crew's *General Physics*; Jones's *Examples in Physics*; Milliken's *Mechanics, Molecular Physics, and Heat*; Milliken and Mills's *Electricity, Sound, and Light*; Bedell and Crehoe's *Alternating Currents*; Bedell and Crehoe's *Elements of Electrical Engineering*; Franklin and Esty's *Direct and Alternating Currents*; Franklin, Crawford and McNutt's *Practical Physics*.

**SOCIAL SCIENCE**

Ely's *Outlines of Economics*; White's *Money and Banking*; Adams and Sumner's *Labor Problems*; Taussig's *History of the Tariff*; Wilson's *The State*; Beard's *American Government and Politics*; Beard's *Readings on American Government and Politics*.

# REQUIREMENTS FOR DEGREES

## FOR BACHELOR OF ARTS

### FRESHMAN CLASS

1. BIBLE—Course 1. Old Testament. *Three hours.*
2. ENGLISH—Course 1. Types of English Prose, and Supplementary Reading. *Two hours.*
3. GREEK—Course 1. Xenophon, Plato. *Four hours.*
4. LATIN—Course 1. Curtius, Cicero, Livy. *Four hours.*
5. MATHEMATICS—Course 1. Algebra, Solid Geometry, Trigonometry. *Five hours.*

### SOPHOMORE CLASS

1. BIBLE—Course 2. Old Testament. *Three hours.*
2. BIOLOGY—Course 1. General Biology. *Three hours.*
3. CHEMISTRY—Course 1. Elementary Chemistry. *Three hours.*
4. ENGLISH—Course 2. General Survey of English Literature. *Three hours.*
5. GREEK—Course 2. Herodotus, Homer. *Three hours.*
6. LATIN—Course 2. Cicero, Horace. *Three hours.*
7. MATHEMATICS—Course 2. Trigonometry, Analytical Geometry. *Three hours.*
8. PHYSICS—Course 1. Elementary Physics. *Three hours.*

NOTE.—All of these courses are required except Biology, Chemistry and Physics. Of these three sciences the student must choose one. The other two may be taken later as Junior or Senior electives.

## JUNIOR CLASS

(Five Courses to be Chosen)

1. BIOLOGY—Course 2. Zoölogy, Embryology, and Botany. *Three hours.*
2. CHEMISTRY—Course 2. Qualitative Analysis. Inorganic Preparations. *Three hours.*
3. EDUCATION—Course 1. *Three hours.*
4. ENGLISH—Course 3. The Development of the Novel, American Literature. *Three hours.*
5. FRENCH—Course 1B. Beginning French. *Three hours.*
6. GEOLOGY—Course 1. General Physiography and Geology. *Three hours.*
7. GERMAN—Course 1. Beginning German. *Three hours.*
8. GREEK—Course 3. Thucydides, Greek Drama. *Three hours.*
9. GREEK—Course 4. New Testament Greek. *Three hours.*
10. HISTORY — Course 2. General History. *Three hours.*
11. LATIN—Course 3. Plautus, Cicero, Tacitus, Terence. *Three hours.*
12. MATHEMATICS—Course 3. Analytical Geometry, Calculus. *Three hours.*
13. MATHEMATICS—Course 4. Applied Mathematics, Surveying. *Three hours.*
14. PHILOSOPHY AND PSYCHOLOGY—Course 1. Psychology, Logic, Introduction to Philosophy. *Three hours.*
15. PHYSICS—Course 2. Advanced Physics. *Three hours.*
16. SOCIAL SCIENCE—Course 1. Economics. *Three hours.*

## SENIOR CLASS

(Five Courses to be Chosen)

1. ASTRONOMY — Course 1. General Astronomy. *Three hours.*
2. BIBLE—Course 3. New Testament. *Three hours.*
3. CHEMISTRY—Course 3. Analytical Chemistry. *Three hours.*
4. CHEMISTRY—Course 4. Organic Chemistry. Industrial or Theoretical Chemistry. *Three hours.*
5. ENGLISH—Course 4. Shakespeare, Victorian Literature. *Three hours.*
6. FRENCH — Course 2. Literature and Grammar. *Three hours.*
7. GERMAN — Course 2. Literature and Grammar. *Three hours.*
8. GREEK—Course 3. Demosthenes, Greek Drama. *Three hours.*
9. HISTORY—Course 3. English and American History. *Three hours.*
10. LATIN—Course 4. Juvenal, Terence, Plautus, Tacitus, Pliny. *Three hours.*
11. ELEMENTS OF LAW. *Three hours.*
12. MATHEMATICS—Course 5. Applied Mathematics, Mechanical Drawing, Descriptive Geometry. *Three hours.*
13. MATHEMATICS — Course 6. Calculus, Determinants, Differential Equations. *Three hours.*
14. PHILOSOPHY AND PSYCHOLOGY—Course 2. Ethics, Philosophy of Religion, History of Philosophy. *Three hours.*
15. PHYSICS—Course 3. Electricity. *Three hours.*
16. SOCIAL SCIENCE — Course 2. Political Science. *Three hours.*

**SUMMARY**

As will be seen from the above schedule, the successful completion of five courses, eighteen hours per week, in the Freshman year, six courses, eighteen hours per week, in the Sophomore, and five courses, fifteen hours per week, in each of the Junior and Senior years, are required for the A. B. degree, in addition to the fourteen units of high school work for entrance. Although laboratory work constitutes a large part of the course, it is not included in the sixty-six hours of recitations required for the degree.

**FOR BACHELOR OF SCIENCE****FRESHMAN CLASS**

1. BIBLE—Course 1. Old Testament. *Three hours.*
2. ENGLISH—Course 1. Types of English Prose and Supplementary Readings. *Two hours.*
3. GERMAN — Course 1A. Elementary German. *Three hours.*
4. LATIN—Course 1. Curtius, Cicero, Livy. *Four hours.*
5. MATHEMATICS—Course 1. Algebra, Solid Geometry, Trigonometry. *Five hours.*

NOTE.—Latin and French, while commonly taken, are not compulsory. One or both of them may be replaced with the consent and approval of the President, by History 1, or German, or any elective ticket for which the student is prepared.

**SOPHOMORE CLASS**

1. BIBLE—Course 2. Old Testament. *Three hours.*
2. BIOLOGY — Course 1. General Biology. *Three hours.*

3. CHEMISTRY—Course 1. Elementary Chemistry. *Three hours.*

4. ENGLISH—Course 2. General Survey of English Literature. *Three hours.*

5. HISTORY—Course 1. The Orient, Greece and Rome. *Three hours.*

6. LATIN—Course 2. Cicero, Horace. *Three hours.*

7. MATHEMATICS—Course 2. Trigonometry, Analytical Geometry. *Three Hours.*

8. PHYSICS—Course 1. Elementary Physics. *Three hours.*

NOTE.—Six courses constitute the Sophomore year's work; of these Bible, English and Mathematics are required. Of the three sciences Biology, Chemistry and Physics, two must be chosen. The remaining one may be taken as Junior or Senior elective. Another foreign language or History may be taken instead of Latin.

#### JUNIOR AND SENIOR CLASSES

For the Junior and Senior years the candidates for the B. S. degree must successfully complete ten of the various elective courses offered for these years, at least four of which must be scientific or mathematical. The B. S. course must include not less than four years of foreign languages. All selections are made with the advice and approval of the Faculty or its representative.

#### SUMMARY

The B. S. degree, as will be seen from the above schedule, requires the same number of College courses, twenty-one, and practically the same number of recitation hours as the four-year A. B. course. Although during the latter half of the course the larger part of the student's time is spent in the various laboratories, this work is regarded as outside

study, and does not take the place of any of the required sixty-five recitation hours.

As an additional requirement for the A. B. or the B. S. degree every member of the Junior and of the Senior Class is expected to prepare and deliver publicly an original oration. The Juniors deliver theirs during the week in which the 22nd of February falls, and the Seniors theirs about the 1st of April. These orations are subject to the following regulations:

1. Juniors and Seniors shall hand in their orations carefully written to the professor in charge for his criticism and acceptance not later than one week prior to the time appointed for their delivery.

2. When two-thirds of a student's courses are among those ranking as Junior or Senior electives he becomes subject to the requirement of a Junior or Senior speech. The Senior oration is required during the session in which the student expects to graduate.

3. A student who during the session has taken part in a public preliminary to one of the intercollegiate debates or oratorical contests may, if he desires, be excused from his Junior or Senior speech for that year.

4. Failure to write and publicly deliver at the appointed time a Junior or Senior speech acceptable to the Faculty, shall bar a student from graduation unless excused prior to the occasion for the delivery of the speech by formal action of the Faculty.

### **MASTER'S DEGREE**

In the announcements of the Departments of Instruction, many courses will be found suitable for graduate work.

Graduate students are welcome in all Junior and Senior Electives not previously pursued and counted for a lower degree and, when possible, special courses will be given them.

The degree of Master of Arts is offered in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this college or from one of equal requirements and standing.

2. The entire work must be done in residence.

3. The course must be selected in conference with the instructors and be approved by the President at the time of registration.

The courses selected must be well co-ordinated, be drawn from at least three departments, and be equivalent to five electives.

4. To receive the degree, the candidate must have made a grade of not less than 80 in each course. Any Junior and Senior electives taken while in the undergraduate work, on which a grade of 80 or more was attained and not counted for a lower degree, may count for the Master's degree.

# GENERAL REGULATIONS

## ATTENDANCE

The term, so far as absences of all kinds are concerned, shall be understood to extend for the fall term from the opening day in September to and including January 20th, and for the spring term, from January 21st to the end of the session. Every student is expected to be present the morning the session opens in September, and to attend College chapel every morning, church service every Sunday morning, and all his recitations every day until the session closes at the end of May.

### Recitations

1. Absences from class shall be counted from the opening of the term in the case of old students; in the case of new students, from the time of matriculation.

2. All applications for excuse are to be made both orally to the professor on class and in writing upon a prepared blank form with full statement of reasons for the absence.

3. When the professor has passed upon the validity of such excuse, the student's explanation, together with the professor's endorsement as to the acceptance or rejection of such explanation, shall be transmitted to the Faculty Committee on Attendance.

4. All absences for any week remaining unaccounted for at midday on the following Thursday shall be reported unexcused.

5. When the number of unexcused absences reaches five, the student shall ordinarily be summoned, if the committee so decides, to appear before the Faculty to show cause why he should not be suspended one week. In case

a student again incurs during the same term as many as five unexcused absences, a graver penalty may be imposed. (See also Rule 7 under Chapel.)

6. Except in cases of necessity or with the written request of the parent, no student, while under probation, will be granted leave of absence.

#### Chapel and Church

1. Students must occupy in chapel and in church their assigned seats, or be marked absent by the recorder.

2. It is the duty of the recorder to mark with absolute accuracy absences and tardies. It is his duty simply to record the fact, leaving all explanations to be made by the student concerned to the Faculty Committee on Attendance.

3. Two tardies shall count as one absence, for disciplinary purposes. A student is counted tardy at chapel when he takes his seat after the first note on the organ or piano, and tardy at church when he takes his seat after the second bell ceases to ring.

4. All applications for excuse are to be made in writing upon a prepared blank form, with full statements of reasons.

5. All absences and tardies shall be posted in Shearer Hall weekly by the recorders on Saturdays, and all absences not accounted for in writing by the following Thursday shall be recorded unexcused.

6. When the number of unexcused absences from chapel reaches ten in the case of any student, he shall be summoned, if the Committee on Attendance so decides, to appear before the Faculty to show cause why he should not be suspended one week. In case a student again incurs as many as ten unexcused absences, a graver penalty may be imposed.

7. Church absences are reckoned as the equivalent of recitation absences, and when the number of unexcused absences from recitation and church reaches five, the student shall ordinarily be summoned before the Faculty, and dealt with as stated in Rule 5, Recitation Absences.

8. Retiring from church shall be counted an absence for disciplinary purposes.

#### Examinations

See 2, 3, 4, 5, under Regulations Regarding Examinations.

#### EXAMINATIONS

1. Every student shall take a written examination in each course at the end of each term.

2. If a student is compelled to be absent from an examination, he must obtain in advance written permission from the President, and must place this permission in the hands of the professor holding the examination.

3. Students who absent themselves from examination without previous permission or satisfactory excuse shall be given zero on that examination.

4. All students are required to be present promptly at the hour set for an examination, and the paper of any student who is more than ten minutes late will not be graded unless the excuse for such tardiness be satisfactory to the professor.

5. Students may, with the permission of the professor in charge, withdraw from the examination room for a period not to exceed ten minutes. If this length of time be exceeded, the professor may refuse to accept the paper.

6. Grading shall be upon a scale of 100. The passing grade, which results from the combination of term stand-

ing and examination, shall be 60 for Freshmen and 70 for all other undergraduate students.

7. A student who fails to make the passing grade in a course, but who comes within 20 units of passing, shall be permitted to take one re-examination in that subject. A student who does not attain to within 20 units of the passing grade, or a student who fails on a re-examination, shall not be credited with the course unless he repeats it in class the following year. If this should be impracticable, such a student may be permitted by the Faculty to review the course under a private tutor, the choice of tutor as well as the time devoted to such review being subject to the approval of the professor in charge of the department in which the student is deficient. Under this arrangement a student will be excused from attending the recitations of the course, but will be required to take the regular class reviews and examinations.

8. All re-examinations shall be combined with the term stand in the regular proportion to determine the final grade, provided, however, that if a student makes 70 or over in Freshman studies and 80 or over in Sophomore, Junior and Senior studies, on a re-examination he may at his option be marked passed and the term stand omitted.

9. To those officially excused from an examination, and to those entitled to re-examination, the following opportunities for examination are given: (1) On the last Monday of January and the first Monday of February; (2) during the ten days beginning with Monday after Commencement; (3) during the Christmas vacation at the convenience of the professor; (4) during the week beginning with the Thursday immediately preceding the opening of College in September; (5) at a regular class examination

which covers the same course; (6) during the examination period after a student has completed all his regular examinations. *But no opportunities for re-examination will be given thirteen months after the regular class examination in a course.*

In case a student has conflicts in the examinations of two studies, he shall stand at the regular time the examination of the course which belongs in the class in which the student is classified. In case the conflict in examinations is between two studies, neither of which is in the class to which the student is classified, he shall stand with the higher class on the day of the examination.

No examination shall be given later than Saturday night preceding Baccalaureate Sunday.

10. A student shall ordinarily be enrolled for not more than six courses, and in no case for more than seven. Credit for more than seven will not be given in any one collegiate year, unless the number in excess of seven is obtained by the removal of deficiencies under the Regulations for Examinations.

11. All students taking a full course who attain an average of 95 or more for an entire session are thereby placed upon the Honor Roll, and their names are read out on Commencement Day and published in the next annual catalogue.

12. Those three members of the graduating class who attain the highest general average for the entire college course are awarded the three highest distinctions, and on Commencement Day they deliver the Valedictory, the Salutatory, and the Philosophical oration, respectively.

13. A report of each student's grades and attendance is sent to parent or guardian at the end of each term, and a

much more detailed report of scholarship, diligence, punctuality, conduct, etc., is generally sent about the middle of the term.

14. Every regular student working toward a degree who may have entered College with conditions; i. e., fewer than 14 units, is required to have those conditions removed before the beginning of the Junior year.

#### SCHOLARSHIP

1. Every new student, whether admitted by examination or certificate, is admitted upon probation and his matriculation will not be regarded as final until thirty days after his entrance.

2. At the end of the first scholastic month, reports will be made concerning the work of all students in a Faculty meeting specifically for that purpose.

3. Students whose standing at this time is found to be distinctly unsatisfactory in more than half their courses will be placed upon probation for one month.

4. If at the end of this month's probation they are found to be still doing unsatisfactory work in more than half their courses, they may be required to withdraw from College immediately.

5. If a student admitted to advanced classification is found deficient in the course assigned, he may be required to take lower courses in the same department, or to make such arrangement of his work as shall appear best.

6. A student who does not succeed in making the passing grade in at least two courses shall not be permitted to remain in College the following term except by special permission of the Faculty. A student who does not make a passing grade in at least a majority of his courses shall be considered as remaining in College on probation.

7. All elections of courses to be pursued must be made in consultation with and after the approval of the Faculty or its representative, designated as classifier for that purpose.

8. Any student desiring to change any course of study upon which he has already entered shall submit to the Executive Committee of the Faculty a request with the reasons therefor, and continue in the course till the decision of the Committee is announced to him. Except that within ten days after the original selection of any course, such change may be permitted by the designated classifier of that course.

#### **ABSENCE FROM COLLEGE AND SENIOR PRIVILEGES**

Students are not allowed to leave the College for any purpose without permission of the President, or, in his absence, of his representative. Blanks are furnished the students on which application for such permission must be made.

Seniors are, however, allowed to leave College without official permission, provided such absence does not conflict with any regular College exercise. Such absences are also governed by the following regulations:

1. That any Senior abusing this privilege, either by too frequent absences, by conduct discreditable to the College, or by Sunday travel, shall forfeit the above privilege either permanently or for a limited time, as the Faculty may direct.

2. If any group of Seniors whose individual identity is unknown are guilty of discreditable conduct while away, the class shall be held responsible, and the privilege may be withdrawn from the whole class, as it may be from individuals.

3. The Faculty defines the term 'Senior' as follows: A Senior is a student who is credited upon the records of the College at the opening of the session with two-thirds of the work necessary to a degree, in addition to the ordinary Freshman requirements; that is, 14 of the 21 courses necessary for a degree (or 28 of the 42 half-year courses), in addition to the entrance requirements.

#### CLASS ENROLLMENT

1. Students will in no case be officially enrolled in a class higher than Sophomore until all of his entrance deficiencies are removed.

2. No student will be officially enrolled in the Sophomore Class until he has completed half or more of the courses of the Freshman Class.

3. No student will be officially enrolled in the Junior Class unless he has completed four-fifths of the Freshman and two-thirds of the Sophomore Class.

4. No student will be officially enrolled in the Senior Class unless he has completed two-thirds of the 21 courses required for graduation.

#### ASSIGNMENT OF ROOMS

Rooms in the dormitories will be assigned under the following regulations:

1. For a student to retain his room for the next session he must notify the Intendant of Dormitories in writing on or before May 10th.

2. The room thus signed for will be retained until the 10th of August, after which it will be forfeited, unless \$5.00 has been deposited with the Intendant of Dormitories on or before August 10th. This deposit must be made by each holder of a room, making a deposit of \$10.00 in case of a double room.

3. After May 10th all rooms not applied for will be assigned in order of application. After August 10th all rooms or parts of rooms signed for, but not deposited for, will be assigned to others in order of application, but to hold the room till the opening day the deposit must be made.

4. All deposits for a room claimed and occupied on or before the third day of the session by the one signing for the room will be applied on the current rent for the room. After this the deposit will be forfeited.

5. The Intendant of Dormitories will co-operate with the student as far as possible to secure a congenial and proper roommate, but if a part of a room is unassigned by May 10th or assigned and not deposited for by July 20th, the intendant will be free to fill the vacancy.

6. Every occupant is held responsible for the proper care of the rooms and furniture (if furnished by the College), and any damage other than as arises from ordinary use will be charged to the student's account or he will be barred from rooming in the College buildings.

7. No room is rented for less than one term and no exchange of room is allowed unless by permission of the Intendant of Dormitories.

# EQUIPMENT

## GROUNDS

The campus is one of the most spacious and beautiful in the whole South. It comprises more than twenty acres of land, and thirteen buildings connected by a system of walks and avenues shaded by graceful elms and giant oaks.

## CHAMBERS BUILDING

For half a century this stately edifice has been the center of the College's life and activity. It consists of a central structure facing the west, crowned by cupola and flanked by wings three stories in height. In this building are the large Commencement Hall, a number of large recitation rooms, apparatus and laboratory rooms, large quarters for the museum, and dormitories for one hundred and forty-four students.

## SHEARER BIBLICAL HALL

This is a beautiful and commodious building occupying the site of the old Chapel. It is the gift of the ex-President of Davidson, and is dedicated to the memory of his lamented wife, Lizzie Gessner Shearer. The second story is an attractive auditorium seating five hundred people and is used as the College Chapel. It has handsome seats, sloping floor, large rostrum, and two dressing rooms. The first floor contains four recitation rooms. The building is heated by a Peck and Hammond furnace in the basement.

## LIBRARY BUILDING

The most attractive piece of architecture on the campus was recently erected through the generosity of Mr. Carnegie at a cost of \$20,000. This building is fitted up with all

modern conveniences and contains space for 50,000 volumes, with large reading and reception rooms, besides the offices of the College administration.

The main purpose of the Library is to supplement the instruction of the classroom by providing illustrative material which is required to be consulted or studied in addition to the subject-matter of the lectures. Supplementary work of this nature is assigned by almost every department of instruction, and it forms an important and necessary part of the various courses of study.

The library contains 23,276 bound volumes, comprising not only the most important of the authoritative and indispensable older books, but the best of the more recent books. The library includes an unusually full series of the public documents and state papers of the United States government. Besides these, the library contains a large number of valuable pamphlets and other publications not bound. These are all in place in attractive steel shelves with which the library has recently been furnished. Space and shelf room will permit the library to grow to practically double its present size. There is a substantial fund set apart annually for the purchase of new books to meet the needs of the several departments of the College and of the student body as a whole.

The library is catalogued according to the decimal system. The card index arranged by subjects and by authors makes it possible to find immediately any work in the library. The students have direct access to index and to the stacks. This is a privilege usually denied to students elsewhere, but one of great educational value to the student. The fact that it is not abused by the students of Davidson is a compliment to the character of the student body. The

value of the library to the student body is greatly enhanced by the presence of a librarian of expert training and long experience in the work. There are a number of quiet rooms in the library, well furnished with tables and chairs, to which the student may repair for study. The library is open every week day from 2 to 5 P. M., and on Monday morning from 10 to 1. A student may retain a book two weeks, at the end of which period the time may be extended once more for another fortnight. A fine of five cents a day will be charged for books kept over time. Not more than four volumes are loaned to one person except at the discretion of the librarian. The loan of books much in demand may be restricted by the librarian to a short time. All books taken from the library are to be duly registered. Any one violating this requirement will be fined fifty cents.

The reading room, not in immediate connection with the other rooms of the library, is open from 8 A. M. to 6 P. M. On its various tables are found sixty of the leading monthly or weekly magazines and journals, some of a popular character and some technical. The newspaper racks contain twelve daily papers coming from various sections of the country, from New York on the north, to Florida and New Orleans on the south and west. Other racks hold six of the leading religious weeklies.

#### LITERARY SOCIETY HALLS

Each of the two literary societies has its own building. The second floor is an elegantly furnished hall devoted to literary purposes. The first floor contains recitation rooms and several dormitories. These buildings are located symmetrically with reference to each other and stand conspicuous in the foreground of the campus.

**MARTIN CHEMISTRY BUILDING**

This building, named in honor of the late Col. W. J. Martin, who was Professor of Chemistry for a quarter of a century, is dedicated entirely to this one science. It is a two-story brick building—60x60 feet, with a basement and attic, abundantly lighted, and is ventilated and heated by Peck and Hammond furnace and draughts. Besides all the ordinary laboratory space, the building contains a large recitation room with raised floor.

**MORRISON MEMORIAL HALL**

This building was erected in 1890 in memory of the first president of the College. The second floor contains a large hall for the Y. M. C. A. and smaller rooms for committee work. These rooms have recently been painted and decorated anew. The lower floor is for gymnasium purposes. An annex is for shower baths.

**LABORATORIES**

Five laboratories have in the course of years been developed in connection with the work in the several scientific departments of the College. As some of these departments were established at an earlier date in the history of the College than others, their laboratories are now more complete. These laboratories, carefully built up under the direction of men of full university training, have cost many thousands of dollars. Appropriations and fees render it possible to make constant additions and to keep them abreast of the improvements of the day.

**Astronomy**

This department is equipped with a five-inch refracting telescope made by Clark & Sons, and has the use of the

lantern with numerous astronomical slides, the sextant, maps, charts, and all the other equipment of a modern physical laboratory.

#### **Biology**

This laboratory is fitted up for forty-eight students. It contains a complete outfit of tables, microscopes, dissecting instruments, specimens and models. This outfit is being added to yearly as the demands increase.

Each student is furnished with a compound microscope, stains and reagents for mounting specimens, and abundant material for dissections.

#### **Chemistry**

The department of Chemistry makes use of an entire building which contains stock room with abundant supplies of chemicals, arrangements in the large lecture room for experiments by the professor and his assistants; room equipped with material for quantitative and other advanced work for twenty students; balance room; the professor's private laboratory. Other features are the minor laboratories for beginners, containing desks for thirty-six and lockers for seventy-two; the qualitative laboratory, with desks for thirty-six, with adjoining stock and fume room. Each student has four feet of desk space, with private drawers and lockers for the safe keeping of his apparatus, is provided with sink, gas, water, filter pump, and has fume rooms or hoods in easy reach.

#### **Geology and Mineralogy**

There is a supply of tables, gas, and other apparatus necessary for practical work in Mineralogy as well as Geology. In addition, the department has at its disposal the splendid cabinets of rocks, fossils, etc., found in the College

museum. These cabinets have been accumulating for fifty years. Besides numerous smaller additions by gifts, exchange, and purchase, the "Brumby Cabinet" was added by purchase, containing one thousand two hundred minerals, three thousand fossils, and one thousand one hundred recent shells; there was added, by donation, about one thousand five hundred minerals; and also a collection of shells given by former State Geologist Kerr. The whole consists of over ten thousand specimens.

As soon as it is financially possible to do so the large room in Chambers Building recently vacated by the library will be fitted up anew for the museum. The collections have already been relabeled and classified by an expert and will then become both an important factor in technical work in the department and a display of general interest to both students and visitors.

#### Physics

Besides the four rooms long occupied by the Department of Chemistry, the Department of Physics now has a new laboratory 25x75 feet in dimensions, with abundant room for experiments of all kinds. The laboratory is equipped not only with a large quantity of apparatus for the simpler experiments in electricity, but also with many expensive instruments for work in advanced physics. Besides numerous storage cells for a certain class of work, the laboratory is abundantly supplied night and day with current from the Southern Power Company. Any voltage desired, up to 440, may be used, and this gives unusual facilities for all kinds of work in electricity.

**DORMITORIES\*****Chambers Building**

The Chambers Building accommodates one hundred and forty-four students. The dormitory rooms in this building are heated by open grate fires. Toilet rooms and bath rooms have been added, and it is expected that such facilities will be increased in a short time.

**The Rumble Building**

This is a handsome new dormitory building of brick, trimmed with granite, containing rooms for sixty students. Each room has two large windows, three transoms, and a special ventilating shaft. There are six large bath rooms in the building, which is heated throughout by steam. No expense has been spared to give abundant light, air and ventilation, with many conveniences.

**The Watts Building**

Though the generosity of Mr. George W. Watts, a handsome new dormitory was erected in 1908-09. It contains twenty-four rooms, accommodating forty-eight students. The building is of brick and artificial stone, is heated by the direct-indirect system of steam heating, supplied with hot and cold shower baths on each floor, and lighted and ventilated with special care. Each room has its own lavatory with running water, two closets, two large windows, and its own ventilating shaft. The sun shines into every room every day, and each room is lighted by a twenty-five candle-power electric light with ground glass globe and reflector.

---

\*For regulations governing the assignment of dormitory rooms, see page 81.

### **The Georgia Building**

This is the latest, the largest and the most thoroughly equipped of the Davidson dormitories. It is similar to the Watts in general design, but is considerably larger, and contains every sanitary comfort and convenience.

### **Oak Row and Elm Row**

These two one-story brick buildings are among the oldest landmarks on the campus. They are prominent in the foreground among the oaks and elms and each has dormitories for eight students.

In connection with the dormitories, there are sixteen bath rooms, with hot and cold showers, cement floors, etc., on the campus, in easy reach of the students. These are open and lighted till midnight and no fee is charged for their use.

### **THE WM. H. SPRUNT ATHLETIC FIELD**

Through the liberality of a warm friend of Davidson, the College now possesses an exceptionally convenient and well-graded athletic field, surrounded by a nine-foot fence, and admirably located immediately in the rear of the Chambers Building.

### **WATER SUPPLY**

The College owns and operates a complete system of water works. All dormitories, students' boarding houses, laboratories, etc., together with most of the stores and residences of the village, are thus supplied with an abundance of water. The supply comes from artesian tube-wells and is, according to the report of the State Bacteriologist, of exceptional purity.

### **SEWERAGE SYSTEM**

Through the generosity of W. H. Sprunt, Esq., of Wilmington, a complete sewerage system, with septic tank, has been added to the equipment of the College.

**LIGHTING SYSTEM**

The Southern Power Company runs a line to the College transformer station, where the voltage is reduced. All the College dormitories, residences, and public buildings, the campus walks, the village streets, and many stores and residences are lighted by this system. It also furnishes power to both of the College pumping stations and to the electrical laboratory.

**HEATING PLANT**

A central heating plant supplies the Rumble, Watts and Georgia Dormitories, and the Library with steam heat. The system is to be extended to Shearer Hall, and in the near future to the other campus buildings.

**HOSPITAL**

In case of illness, the College Infirmary furnishes the students with all care and comfort. For further description of the Infirmary, see page 118.

**PROFESSORS' HOUSES**

The College also owns nine professors' houses, which are conveniently located in the neighborhood of the campus.

# SOCIETIES AND ORGANIZATIONS

## LITERARY

There are two literary societies—the Philanthropic and the Eumenean—conducted by the students, each in its own hall. The majority of the students belong to these societies, the membership of the two being practically equal and the quality of work similar. Both are well conducted, and afford opportunities for training in debate, declamation, composition, public speaking, and parliamentary usage. They have two regular meetings, Saturday night and Monday morning. They both award annual prizes for excellence in literary and rhetorical exercises.

The two Societies jointly choose a board of editors and managers, and publish *The Davidson College Magazine*. This publication is issued eight times a year during the College session. It contains much material of interest to the general reader and especially to all friends, patrons and alumni of the College.

The training given by these societies is a most valuable part of college education, and every student is urged by the authorities of the College to become a member of one of them, and take an active part in its exercises.

## RELIGIOUS

The center of the religious life of the College is the Young Men's Christian Association. This is one of the strongest and most vigorous college associations in the country. Three-fourths of the students are members of it, its various departments are fully organized, and its representatives attend the various local, state and national conventions. It conducts a weekly religious service which all

members of the College are invited to attend. Other features of the work of the Association are its weekly Bible and mission study classes, the monthly meetings of candidates for the ministry, the meetings of members of the volunteer mission band, and the mission Sunday school work in which members of the Association engage in the neighborhood of the College. At the opening of the College session in September the Association has committees to meet new students upon their arrival and render them all possible assistance in getting located. The first Monday night the Association gives a formal reception in honor of the new students, to which all students, professors, village people, and visitors are invited. The Association also publishes annually a handbook of information about the College that is invaluable to all students, new and old. Under the auspices of the Association a popular lyceum course is given for the benefit of both members of the College and citizens of the town.

The advantages derived from membership are in every way such that the authorities of the College strongly urge every student to join the Association and avail himself of all its benefits.

#### ATHLETIC

The general Athletic Association directs the athletic affairs of the College, under the supervision of the Faculty committee. The Association makes out the schedule for the different teams through its managers and executive committee, and awards the prizes and honors to the winning teams and individuals.

Each student pays to the College a gymnasium or athletic fee of five dollars, which gives him full athletic privileges. He can offer for any team or engage in any form of athletic

exercise under the supervision of the College athletic director he desires or the College physician finds him fitted for.

The high standing that Davidson has taken in intercollegiate athletics in the last few years has been due to the increased interest of the students in the general Association. It is hoped that each alumnus will join the alumni department of the Association, and thus help the further development of the College along athletic lines.

All money from receipts from games, and from dues is placed on deposit, and can be checked against only by the Association treasurer upon presentation of proper vouchers. The books of the treasurer are audited regularly by the Faculty committee. Subscriptions to the Athletic Association may be mailed to the treasurer of the Association or to Dr. J. W. MacConnell, the chairman of the Faculty Committee.

Each athletic team is allowed a limited number of days away from College for the games with other colleges and each team is accompanied by a Faculty representative.

#### **Athletic Regulations**

1. No one shall represent Davidson College in any athletic contest except under the following conditions:

(a) He must satisfy the Faculty Committee on Athletics that he is a bona fide student of the College, and that he is taking at least twelve hours per week on class, of regular college courses, and that he is maintaining the standard of scholarship hereinafter described.

(b) He shall not play on any athletic team if he has been a member of that team during the preceding season and was not in residence at least one term during that college year.

(c) No student shall play on the football team of any year unless he has begun his college work not later than October 5th, or on the baseball team unless he has begun his college work not later than January 20th.

(d) No coach or instructor in athletics, or any one who receives compensation for his athletic services, shall be eligible to play on any college team.

(e) No student shall play more than five years on any college team.

(f) No member of any athletic team of Davidson College shall be the recipient of any compensation whatever—money, board, and tuition included—for his participation in athletics.

2. No manager or captain of a student athletic organization shall introduce a player into any athletic contest who is not a bona fide student of the College and so certified by the Faculty Committee on Athletics, or shall violate the intercollegiate rules of intercollegiate contests by playing a “ringer,” or by other dishonorable practice.

3. The expenditures of the Athletic Association shall be under the control of the Faculty Committee on Athletics, and all accounts shall be audited and approved by this committee at the close of each season.

#### Athletic Day

A day in April, generally the second Saturday, is set apart to be spent in contests for suitable prizes, under the control and direction of the Athletic Association and the general supervision of the Faculty. There is no admission fee, and the public is cordially invited to witness the contests. Three trophy cups are contended for in the inter-class athletic games. The football trophy is a large silver

cup given to the class that wins the largest number of class football games in the spring contests. A handsome loving cup, given by the class of 1909, is awarded to the class winning the highest percentage of baseball games in the class contests. Another silver loving cup, known as the "Alumni Trophy Cup," is given to the class winning the highest number of points at the annual field day exercises. Each of these cups is held by the winning class for one year, and if won three years in succession becomes the property of the class.

#### **ORCHESTRA AND GLEE CLUB**

This organization consists of students who have some talent as regards voice or the use of a musical instrument. It is open to all who may be capable of developing into efficient members. The organization has the usual officers of an orchestra and glee club. Its members practice regularly and have pianos and large hall at their disposal. They furnish the music at public College functions and give public performances, especially during vacations, in the leading towns and cities of the Carolinas and adjoining States.

#### **FRATERNITIES**

The fraternities are not permitted to pledge or initiate new men until their second term in the institution. Certain rules and regulations governing fraternity life here are furnished the chapters in writing for their guidance.

---

All College organizations and publications are subject to the supervision and control of the Faculty or its representative committees and no date or schedule of dates for contests with other organizations shall be arranged except with the consent of the representative committee of the Faculty.

No college organization shall be absent more than six recitation days during the term except that in case of the baseball and football teams the period may be extended on application to the Faculty nine days. But the orchestra and glee club shall be considered as one organization and allowed only six days' absence during a session. The number of days is regulated as follows: Leaving or arriving on trains scheduled to pass Davidson after 11 A. M. and before 12:40 P. M. to count as one half day; leaving after 12:40 P. M. and arriving before 9 A. M. not to count as a day or a part of a day.

No student shall represent the College on any organization away from the College unless he is reported as passing on at least three courses, and no student will be allowed to go with more than one organization during a term on trips away from the College unless he is making a general average of at least 75 in his studies.

No athletic team or other College organization, nor any part of such team or organization, is allowed to travel on the Sabbath by train, automobile, or hack, either going or coming from a trip on which they represent the College in any way. (Action of the Board of Trustees.)

# PRIZES AND MEDALS

## LITERARY SOCIETIES

Both the Philanthropic and Eumenean Societies award annual prizes for excellence and rhetorical exercises as follows:

Debater's Medals for Juniors and Seniors.

Debater's Medals for Freshmen and Sophomores.

Essayist's Medals.

Disclaimer's Medals.

An Orator's Medal is given jointly by the Societies to the winner in the Junior Oratorical Contest, held on Tuesday evening of Commencement Week.

A Fiction Medal is given by the two Literary Societies jointly to the student writing the best piece of fiction for the College Magazine.

## THE WILLIAM BANKS BIBLICAL MEDAL

The family of the late Rev. William Banks, long a Trustee and President of the Board, founded a medal in honor of his memory, to be given each year to that member of the graduating class who has completed the entire Biblical course with the highest distinction.

## SENIOR ORATOR'S MEDAL

On Commencement Day the three honor orators and three other members of the graduating class selected on the basis of their previous success in oratory, compete for a handsome gold medal known as "The Faculty Orator's Medal."

## ALUMNI DEBATING CUP

Awarded to the Literary Society winning in an inter-society debate.

**BELK FRATERNITY CUP**

Mr. W. H. Belk, of Charlotte, N. C., has given the College a handsome trophy cup to be awarded each year to that fraternity whose class average for the entire undergraduate membership of the chapter is the highest for the year. The successful fraternity retains the cup until won in a succeeding year by another, and the first fraternity winning it ten years (not necessarily in succession) retains the cup permanently.

In 1911-12 the Kappa Sigma Fraternity won the cup.

**ATHLETIC CUPS****Football**

*(Alumni Cup)*

Presented for one year to the class winning in the Class football series.

**Baseball**

*(Given by Class of 1909)*

Presented for one year to the class winning the Class baseball series.

**Track**

Presented for one year to the class winning the greatest number of points on Field Day.

## EXPENSES

The expenses of life at any college are divided into two classes: 1st, College Fees, which can be accurately summed up, and 2nd, Living Expenses, which vary so widely with the individual tastes and habits of the student that they can only be estimated.

### COLLEGE FEES

Tuition .....	\$60.00
Incidental Fee .....	15.00
Gymnasium and Athletic Fee.....	5.00
Electric Light .....	3.00
Medical Attendance and Hospital.....	4.00
Library Fee .....	4.00
Commencement Fee (not paid by members of Literary Societies)	1.00
Damage Deposit (All Students).....	2.00
	<hr/>
Total .....	\$94.00

These fees are payable one-half at the opening of the fall term and the other half at the opening of the spring term, about January 1st.

The damage deposit is returned at Commencement, less the actual amount of damages to rooms, furniture, etc.

Should the damage account against any student reach \$2.00 at any time during the year, he must deposit an additional \$2.00 with the Bursar as soon as notified of the fact.

These fees must be added to the amount due for room rent, which varies according to location and other circumstances.

### ROOM RENT FOR EACH STUDENT

One-windowed unfurnished rooms.....	\$20.00
Double-windowed unfurnished rooms.....	25.00
Furnished rooms in village residences adjoining the campus.....	25.00
Corner rooms in Rumble Dormitory, including electric light, heat, furniture, baths, and attendance.....	50.00

Other rooms in Ruple Dormitory, including light, heat, etc.....	47.50
Rooms in Watts Dormitory, including all above items.....	52.50
Rooms in Georgia Dormitory, including all above items.....	52.50

All students, except residents, are required to occupy rooms on the campus.

The room rent is payable one-half at the opening of the fall term, the remainder January 1st.

Should these dates prove inconvenient, parents or prospective students should correspond with the President or Bursar with reference to special arrangements.

#### LABORATORY FEES

For the maintenance of the Chemical, Physical, and Biological Laboratories the following fees per annum are collected from students taking these courses :

Sophomore Chemistry .....	\$3.00
Sophomore Physics .....	3.00
Sophomore Biology .....	5.00
Senior Organic Chemistry (One Term).....	5.00

The above are generally collected in September, that the laboratory supplies for the year may be purchased at the opening of the session.

Junior Biology .....	\$10.00
Junior Physics .....	10.00
Junior Chemistry .....	10.00
Senior Physics .....	10.00
Senior Analytical Chemistry.....	10.00

The above are collected one-half in September, the remaining half in January. Any student, new or old, who fails to report to the Bursar within one week of the opening of each term will, at the end of that period, be subject to Faculty discipline.

No student shall receive a certificate of honorable dismissal from College, nor shall he be recommended for a degree until:—

1. All College charges of every sort have been paid or arrangement satisfactory to the Bursar has been made. In the case of Seniors, such arrangement must have been made three months prior to the Commencement at which he graduates.

2. He has returned in good order or replaced every book he has borrowed from the College Library, and has paid all fines charged to him.

#### LIVING EXPENSES

Table board at Davidson costs \$8.50, \$10.00, \$11.00, \$12.50 or \$15.00 per calendar month; laundry about \$1.00 per month of four weeks; room attendance about 50 cents per month for each student; coal about \$6.00 per year. The cost of text-books, like that of room furniture, varies widely, though it usually ranges from \$16.00 to \$20.00 a year. The entrance fees of the various College organizations vary from \$2.00 of the Y. M. C. A. to the much higher expenses of the Fraternities. There are no fees for the use of baths.

Outside of the College fees many students bring their yearly expenses down to \$75.00 or \$100.00. Others less severely economical keep their expenses within \$150.00, while no one need spend more than \$200.00. This is, of course, exclusive of clothing and railroad fare.

No one need feel that lack of spending money will debar him from the social or athletic life of the campus, or deprive him of influence or popularity. College life at Davidson is essentially democratic, and probably a majority of the leaders among the students are partially working their own way through college, or are the sons of parents who can with difficulty meet their college expenses.

#### Table Board

The public Mess Hall, or Commons, where scores or hundreds of young men take their meals together, with no lady

at the table, and with a salaried manager in charge who has no pecuniary interest in making the fare or service attractive, has never found favor with Davidson authorities, and will never be adopted except as a last resort.

The Davidson boarding-houses which take table-boarders are all private homes. The lady of the family generally presides at the table, the number of boarders at one place rarely exceeds twenty, rowdyism and discourtesy are unknown, and the atmosphere of these boarding places is distinctly that of the home.

The boarding-clubs at Davidson bear no resemblance whatever to the organizations of similar name and purpose in other colleges and universities. They are distinguished from the family boarding-houses only in the financial arrangements and incidentally in the greater number of students. The lady of the house purchases all provisions and serves all meals in her own dining-room. At the close of the month the actual cost of the provisions purchased during the month is divided among the boarders, and in addition to this each one pays the lady of the house \$2.00 for her own labor, and the expenses of cooking, serving, house rent, etc. Nearly half the students at Davidson thus obtain good, wholesome and abundant food in these private homes at an average of about \$8.50 to \$9.00 per calendar month, or \$65.00 to \$80.00 for the college year.

The athletic teams, etc., visiting Davidson during the college session all seem much surprised at the unusually good fare and remarkably low prices of the Davidson clubs and boarding-houses. Scores of old students have made the remark that the longer their boarding-house experience since leaving Davidson the more their wonder grows at the Davidson fare and Davidson prices.

# SCHOLARSHIPS, ASSISTANCE, SELF-HELP

## STUDENT SELF-HELP

Nearly one-half the students matriculating at Davidson assist in meeting the expenses of their college course, a large percentage maintaining themselves entirely. Among these are found many of the ablest, most popular, and most influential students at Davidson in every class. Many work during the vacations as teachers, clerks in summer-resort hotels, or as agents and canvassers, some making enough during the summer to meet all college expenses for the year. Others during the term act as janitors for the Y. M. C. A., and the literary societies, as waiters on the tables of the boarding-houses, and as tutors or laboratory assistants, or help support themselves by hair-cutting, wood-sawing, copying, type-writing, stenography, office and library work, etc. The most fruitful field for self-help, however, is in acting as agents for houses supplying clothing, shoes, hats, fountain pens, athletic goods of every description, furniture, and everything else needed by their fellow-students, or for steam laundries, laundry-clubs, boarding-clubs, etc. Students desiring positions should file their names with the Committee on Student Self-Help.

Success in most of these occupations depends on natural talent, but also on personal influence and acquaintanceship. Hence they are hardly available to a new student during his first term, but afterwards become more and more fruitful as a source of revenue and a means of self-help.

## ASSISTANCE FOR NEEDY STUDENTS

Davidson offers free tuition to the sons of ministers of all denominations, and to candidates for the Gospel ministry

of all denominations, if they have been formally received as candidates by their church authorities.

*The Societas Fratrum* is a Students' Aid Society whose object is to assist needy and deserving students by loans of money to be repaid out of their first earnings after leaving college. No interest is charged on loans from this fund during the time the student is in college here, and for one year after leaving. Beyond this time the legal rate of 6 per cent obtains.

*The James Sprunt Ministerial Loan Fund* has been founded by a philanthropic friend of Christian education to assist in the same way needy candidates for the ministry. No interest is charged on loans from this fund while the student is in college here. Thereafter a charge of 4 per cent per annum is made and the student is expected to repay his loan from his first earnings.

*The J. D. Woodside Loan Fund* of \$1,000 and accrued interest was established in 1910 by Mr. J. D. Woodside, of Greenville, S. C., one-half of this amount being available at present. This fund is available for worthy and needy students who can give valid security. The notes begin to bear interest when the students leave college, at the rate of 6 per cent. per annum and must be settled out of the first earnings of the beneficiaries after leaving college. The beneficiaries shall advise Mr. Woodside in writing of the settlement of their notes given to the College.

*Twenty-four Scholarships* have been founded by benevolent persons and organizations for the assistance of needy and worthy young men working their way to a higher education. These Scholarships pay to the student, in College fees, the amount of the income from the endowment

of the Scholarship calculated at the legal rate of interest.

On account of the great number of worthy applicants it has become quite common to divide a scholarship among several applicants.

No scholarship is awarded for longer than one year at a time and it may be withdrawn at any time for misconduct or inattention to duty.

#### SCHOLARSHIPS

The Maxwell Chambers Scholarship—endowment \$1,000, established by the Presbyterian Church of Salisbury.

The William Murdoch Scholarship—endowment \$1,000, established by the Presbyterian Church of Salisbury.

The J. J. Summerell Scholarship—endowment \$500, established by the Presbyterian Church of Salisbury.

The J. J. Bruner Scholarship—endowment \$500, established by the Presbyterian Church of Salisbury.

The D. A. Davis Scholarship—endowment \$1,500, established by the Presbyterian Church of Salisbury.

The George Bower Scholarship—endowment \$1,000, established by Mrs. A. C. Davis, of Salisbury, N. C.

The Kate Williams Scholarship—endowment \$1,500, established by G. W. Williams, Esq., of Wilmington, N. C.

The Carr Scholarship—endowment \$1,000, established by J. S. Carr, Esq., of Durham, N. C.

The Thomas Brown Scholarship—endowment \$1,000, established by Brown and Brother, Winston, N. C.

The Wiley Scholarship—endowment \$1,000, established by S. H. Wiley, Esq., of Salisbury.

The Wilson and Barringer Scholarship—endowment \$500, established by Gen. R. Barringer and George E. Wilson, Esq., of Charlotte, N. C. For use of candidate for the ministry.

The Oates Scholarship—endowment \$500, established by R. M. Oates, the Oates Brothers, Charlotte, N. C. For use of candidate for the ministry.

The Willie J. Brown Scholarship—endowment \$500, established by Col. John L. Brown, of Charlotte.

The P. T. Penick Scholarship—endowment \$500, established by the Presbyterian Church, Mooresville, N. C.

The A. K. Pool Scholarship—endowment \$500, established by the class of '93, in memory of their beloved classmate, Rev. A. K. Pool.

The R. W. Allison Scholarship—endowment \$1,000, established by Mrs. J. M. Odell (née Miss Addie Allison), of Concord, N. C., in memory of her father.

The Annie Phifer Allison Scholarship—endowment \$500, established by Mrs. J. M. Odell in memory of her mother.

The P. B. Fetzer Scholarship—endowment of \$1,000, established by P. B. Fetzer, Esq., Concord, N. C.

The Frances Taylor Scholarships—five of an endowment, \$1,000 each, established by a legacy bequeathed to the College by Miss Frances Taylor, of Newbern, N. C.

The Worth Scholarship—endowment of \$1,000, established by Mrs. D. G. Worth, B. G. Worth and C. W. Worth, of Wilmington, N. C.

#### MINISTERIAL SCHOLARSHIPS

Davidson College esteems it a high privilege to train, free of charge, the future religious leaders of the church. Her friends, however, are beginning to realize that the greatness of her service in this work for the Church entails a financial burden to which her resources are hardly equal. A movement, therefore, has been inaugurated looking to the endowment of a number of scholarships of \$1,000 each, whose in-

come shall counterbalance the loss of these tuition fees. As the actual cost of the tuition of each student is twice the sixty-dollar tuition fee, the donor who establishes such a scholarship shares with the College for all time the high privilege of training for enlarged usefulness and consecrated leadership the future ministers of the church. The following have already been established :

The J. M. Knox Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1909 by J. M. Knox, of the First Presbyterian Church, of Salisbury, N. C.

The Thomas Payne Bagley Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Mr. and Mrs. Thos. F. Bagley, of St. Andrew's Presbyterian Church, Wilmington, N. C.

The Daniel and Margaret McBryde Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by their sons, J. A. and M. H. McBryde, of Laurel Hill Presbyterian Church, Laurinburg, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by W. J. Roddey, of Rock Hill, S. C.

The T. J. Brown and J. M. Rogers Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Messrs. Brown and Rogers, of the First Presbyterian Church, Winston-Salem, N. C.

The Mary Jane McNair Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by John F. McNair, of the First Presbyterian Church, Laurinburg, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Mrs. N. T. Murphy, of the First Presbyterian Church, Salisbury, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by J. Bailey Owen, of the First Presbyterian Church, Henderson, N. C.

The Blue Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Misses Flora, Sarah, and Margaret Blue, of the Presbyterian Church of Laurinburg, N. C.

The Alexander McArthur Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by his family, Fayetteville, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Mr. and Mrs. J. M. Turner, of the First Presbyterian Church, Augusta, Ga.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by J. E. Sherrill, of the First Presbyterian Church, Mooresville, N. C.

The T. W. Swan Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Mrs. Susan A. Swan, of the First Presbyterian Church, of Goldsboro, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by John J. Eagan, of Atlanta, Ga.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Messrs. Blue and McLaughlin, of Raeford, N. C.

The following Ministerial Scholarships of \$1,000 each have been established and the founders have endowed them in part. The remainder of these endowments will be paid in three or fewer annual installments.

The Joseph Bingham Mack Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by his son, William Mack ('83), of New York City.

The Rufus D. Brown Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by his son, George T. Brown, of the First Presbyterian Church, Winston-Salem, N. C.

The Frontis H. Johnston Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the First Presbyterian Church of Winston-Salem, N. C.

The John W. McLaughlin Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Presbyterian Church of Raeford, N. C.

The E. B. Simpson Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Session of the First Presbyterian Church, Statesville, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Board of Deacons of the First Presbyterian Church of Statesville, N. C.

The Neill McKay Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by his family and relatives, Lillington, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by John McSween, Timmons ville, S. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by C. E. Graham, Greenville, S. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Presbyterian Church of Maxton, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the First Presbyterian Church, Reidsville, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by John Whitehead ('75), Salisbury, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Tenth Avenue Presbyterian Church, Charlotte, N. C.

The Brookshire Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by Mrs. Brookshire and Mrs. Lula B. Wynne, of the First Presbyterian Church, Raleigh, N. C.

The Chas. H. Belvin Memorial Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by his daughter, Mrs. John W. Harden, of the First Presbyterian Church, Raleigh, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by the Ashpole and Rowland Presbyterian Churches, Rowland, N. C.

The Julia M. Holt Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by W. E. Holt, of Memphis, Tenn., in memory of his mother.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by F. L. Fuller, now of St. Louis, Mo.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by W. H. Belk, of Charlotte, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by R. P. Richardson, of Reidsville, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by W. F. Carter, of Mount Airy, N. C.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by W. T. Brown, of Winston-Salem, N. C.

The W. J. Martin Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1910 by General Julian S. Carr, of Durham, N. C., in memory of his comrade in arms, Colonel W. J. Martin.

One Ministerial Scholarship of \$1,000—paying to the College every year the tuition of one candidate for the ministry, endowed in 1912 by the Taylor Bros., of Winston-Salem, N. C.

## GENERAL INFORMATION

### LOCATION

Davidson College is beautifully located in Mecklenburg County, North Carolina, on the Southern Railway, midway between the towns of Charlotte and Statesville, and twenty-two miles from each. The railroad from Roanoke, Va., and Winston-Salem, N. C., to Charlotte also passes Davidson. A thriving and interesting village of more than a thousand inhabitants, called Davidson, has grown up with the College since its founding in 1837.

### RAILROAD FACILITIES

The College is easy of access, having six regular passenger trains a day, each carrying mail, and making close connections at Charlotte, Mooresville, Statesville, and Barber Junction for all points north, south, east or west. It has also local and long distance telephones, express and telegraph facilities, etc.

### SAFEGUARDS

The location insures health, being on the line of the highest ground between the Yadkin and the Catawba, 900 feet above sea level. It is sufficiently remote from larger cities or towns to escape their temptations and excitements. By a law of the State no intoxicating liquors can be sold within a radius of three miles, while as a matter of fact, there are no open saloons within the state. Few places are so free from temptations to vice and extravagance.

### CHURCH

The village Presbyterian Church, with large and attractive auditorium and Sunday school room, occupies the

southwest corner of the College grounds. Here students, Faculty, and townspeople meet for worship. Students are required to be present at the Sunday morning services.

#### **SOCIAL ADVANTAGES**

Few villages of the same size furnish equal social advantages. The Faculty and the villagers alike do all in their power to give the students a home-life.

#### **CHARACTER OF THE STUDENT BODY**

It is not too much to say that the student body at Davidson is unique among institutions of learning. It is the enthusiastic testimony of practically all students coming to Davidson from other institutions that the moral atmosphere is strikingly different from anything they had known before. The habits and traditions of the College are all in favor of purity, sobriety, and gentlemanly conduct. The students are a picked body of men, representing the finest home training of the South. Probably two-thirds of them are the sons of church officers, representing every state in the South. On the average about nine out of ten are themselves professing Christians, and one in every five has chosen the ministry of the Gospel as his life's work. It is not too much to say, then, that the Davidson student body represents the flower of Southern culture and home training. To spend the four formative years of College life among such associates, to select one's life-long circle of college friends from such companions, is an inestimable privilege. Those can best appreciate it who know from long college experience the irresistible moulding force of campus sentiment and tradition on the immature, plastic, hero-worshipping boy, exposed for the first time to its contagious fascination.

Let it be distinctly understood that no claim is made that there are "no bad boys at Davidson." The authorities sorrowfully admit that it seems impossible to gather together 350 young men, *all* of whom shall be pure-minded, upright, and honorable. Even at Davidson a young man, if he will, can find undesirable associates. Yet this class is small, un-influential, and opposed to campus habits and ideals. Its members are rigorously eliminated by the Faculty as soon as their true character is discovered.

#### STUDENT SELF-GOVERNMENT

The Honor System began at Davidson in the early history of the College. The students themselves are its sternest guardians and executors. It is in these latter times enforced through the Student Council.

Every student in College is under the pledge of student action to report to the Council every instance of conduct on the part of a student unbecoming to a gentleman and a student of Davidson College. Section 3, of Laws Governing the Student Body, reads, in part, as follows: "Any violation of the Honor System shall be reported to the Council for action, and each member of the student body is on his honor to help enforce the rules and regulations of the Honor System, as hereinafter set forth:—

"First, to report cheating on any pledge work.

"Second, to report all damage to College property (whether done by himself or known to be done and unreported by others).

"Third, to report hazing; that is, any unreasonable or unfair advantage taken of a Freshman by reason of his class rank, thereby making him do or suffer something against his will or against his pleasure. Freshmen in turn are warned not to overstep the bounds of tradition."

The students themselves thus enforce respect on the part of all for College property and for the comfort, health, and

reputation of the student body. The Student Council, while without *legal* authority, is the representative of the whole student body in its dealings with individuals, and it freely exercises this social authority in dealing with refractory cases and enforcing the Honor System; all of its decisions, of course, being subject to the ultimate authority of the Faculty, as a court of final appeal.

#### MEDICAL ATTENDANCE

All new students are required to undergo a thorough physical examination by the College Physician, immediately after entrance. All students may be required to undergo additional physical examinations according to the judgment of the College Physician, and any student may secure other physical examinations on conference with the College Physician. The Physician will give such advice regarding exercise, athletic games, personal habits, etc., based on his examination, as he deems proper.

A medical fee is collected from all students and entitles each one to free treatment for all ordinary cases of sickness or accident. The student must purchase all medicines and in case of injury or accident, all bandages or appliances, other than those of an inexpensive nature. Consultation with, or treatment by, other physicians than the College Physician is at the expense of the student.

If the College Physician so directs, the student must go to the infirmary for treatment and remain until permitted by him to leave. For board during his stay, he must pay fifty cents per day.

The student is advised to consult the College Physician freely on all matters pertaining to his health and repeated reports of sickness as excuse for inattention to duty will not be accepted unless certified to in the reports of the College Physician.

**COLLEGE INFIRMARY**

The arrangements for the care of students who may be ill are unusually complete and satisfactory. The College Infirmary is located within a hundred feet of the edge of the campus, yet is quiet and secluded. It is fitted with electric lights, call bells, hot and cold baths, etc. Mrs. Alice Robson, a trained nurse of long and successful experience, has entire charge of every patient. The College furnishes room, furniture, and fuel free, and employs Mrs. Robson. The charges for table board are only \$3.50 a week.

**WALKING, BICYCLING, ETC.**

The famous macadam roads of Mecklenburg County extend from Davidson in three directions, east, south, and west, and Iredell County has built a fine highway extending twenty miles to the north. These furnish fine tracks for running, walking, bicycling, etc., even in mid-winter. Thus no student can be debarred, on account of roads or weather, from taking his regular outdoor exercise.

**NEW ATHLETIC FEATURES**

A substantial donation was recently made to the College by a citizen of New York for the purpose of developing a dozen new tennis courts and building an open air playground. This is an especially attractive feature to those students who are too pressed for time to get their exercise from regular ball practice and who wish to secure sufficient healthy out-of-door exercise with the minimum loss of time.

**BOOK AGENCY**

In the absence of a book store in the town, a member of the Faculty acts as book agent for the students and supplies the classes at publishers' price. The profits go to the Students' Loan Fund.

**THE DAVIDSON COLLEGE BULLETIN**

The College issues eight times a year a Bulletin containing a list of students and officers, sketches of alumni, changes in the curriculum or administration of the College, campus items of interest, social and athletic events, and general information concerning the College and its work. A copy will be sent free of charge to all alumni and friends of the College who desire it.

**THE OTTS LECTURESHIP**

Rev. J. M. P. Otts, D. D., LL. D., in 1893, donated a fund to Davidson College, the proceeds of which should be used from time to time in securing and publishing courses of lectures at Davidson College in defense of Christianity against current heresies, especially such as may seem directed against the foundations of the Christian faith.

The first course of lectures was delivered by the founder himself and published by Revel & Co., under the title, "Unsettled Questions."

The second was delivered by Robt. L. Dabney the year before his death, and published under the title, "The Atonement."

The third was delivered during the session of 1904-05 by Rev. J. B. Shearer, D. D., LL. D., and published under the title, "Modern Mysticism; or the Covenants of the Spirit." It may be procured from the publishers, The Presbyterian Committee of Publication, Richmond, Va., or direct from the author.

**RECENT GROWTH AND EXPANDING INFLUENCE OF DAVIDSON COLLEGE**

During the past eight or nine years the growth of Davidson has been phenomenal. The attendance has increased

as follows (omitting the students of the N. C. Medical College, some of whom, before its removal to Charlotte, took special courses in Chemistry and Physics): 1900-01, 131; 1902-03, 174; 1904-05, 228; 1906-07, 285; and during the past year 353. These are all students in the Liberal Arts and Sciences; the list includes no students in Law, Medicine, Theology, Engineering, Pharmacy, etc.

In area of patronage the increase is still more remarkable. In 1900-01 the attendance from other States than North Carolina was 61; in 1902-03, 76; in 1904-05, 99; in 1906-07, 143; and the list for 1912-13 numbered 160.

The increase in equipment and teaching force has kept pace with the growth of the College in numbers. The Faculty now numbers thirteen professors, with nearly as many instructors and assistants. During the past few years its equipment has been transformed. The chief additions have been: An electric lighting and power plant, two professors' houses, the Martin Chemical Laboratory, the Shearer Hall, the handsome Rumple, Watts, and Georgia dormitories, and the Library building. During this period the income of the College has been nearly trebled.

# ALUMNI ASSOCIATION

## President

Rev. E. D. Brown ('93), Loray, N. C.

## Vice-President

Rev. W. C. Brown, Raeford, N. C.

## Secretary and Treasurer

Dr. J. W. MacConnell, Davidson, N. C.

The General Alumni Association meets in annual session during Commencement. All former students of the College are members of the Association. The Association has the privilege of electing six trustees of the College Board. It is earnestly desired that many local Associations will be formed in the different counties and cities in the College's territory. Through these Associations the old men can keep in touch with their alma mater and find many ways of serving her. It is hoped that a suitable hall may be secured for the social meetings of the General Association. Some one or more of the Alumni might well serve the College by presenting her with such a building.

## A WORD WITH HIGH SCHOOL TEACHERS

It is a lamentable fact that many students learn to pass entrance examinations in Latin, Greek, and English, who can neither spell correctly nor punctuate properly, and whose written work is not only crude and inelegant, but full of glaring mistakes in grammatical construction. Such a student is *not* "prepared for college," and the high school offering him for matriculation brings discredit upon its training.

In Mathematics many students never learn to attack and solve problems alone, or to do any reasoning of their own. Even the solutions of illustrative problems are memorized, and "originals" in Arithmetic, Algebra, or Geometry, are insurmountable obstacles till the teacher has solved each one, and the student committed each process to memory. However flattering the high school grades of such a pupil may be, he is unprepared for college, and will probably be amazed and overwhelmed by the work required of him in Mathematics.

In Latin and Greek the most common and disastrous deficiency is ignorance of the declensions, conjugations, etc.—the "forms" of the language. Although a pupil not familiar with the forms may have read hundreds of pages of Cæsar, Cicero, and Virgil, he is not "prepared" to enter and successfully pursue the Freshman course in Latin. The same may be said, *mutatis mutandis*, of preparation of Greek.

The attention of teachers preparing young men for matriculation at Davidson is especially called to the article entitled, "Some Common Deficiencies in Preparation."

*The principals of our high schools are assured that Davidson College is heartily in accord with them in their efforts to retain their pupils till they are thoroughly prepared for college work. The crowding of our universities and colleges with raw, immature, unprepared boys may fill out a catalogue, and give an appearance of prosperity, but it is the bane of our Southern higher education.*

This custom cripples the high schools and lowers the dignity and scholarship of our universities and colleges. Still more disastrous is its effect on the untrained and immature boys thus thrown too early into the freedom and

temptations of college life. Even if their morals remain unharmed, they are generally so discouraged by the impossibility of mastering their studies, that after a short and partial course, marked by hopeless struggle and inevitable failure, their college education is abandoned in disgust. On the other hand, the attempt on the part of the high schools to retain their pupils till they are deemed ready for the Sophomore Class is not at all advisable, and should not be proposed to the boys or their parents.

# DEGREES CONFERRED

May 30, 1912

## MASTER OF ARTS

George Whilden Mackey.....	Greenville, S. C.
William Peticolas Parker.....	James River, Va.

## BACHELOR OF ARTS

Eugene Alexander.....	Charlotte, N. C.
Theodore Ashe Beckett, Jr.....	John's Island, S. C.
Hal Reid Boswell.....	Penfield, Ga.
James LeRoy Boyd.....	Hartford, Ala.
Joseph Alston Boyd.....	Townesville, N. C.
John Harper Brady.....	Statesville, N. C.
William Burrie Brockington.....	Kingstree, S. C.
James Walker Brown.....	Chester, S. C.
James Jennings Chandler.....	Sumter, S. C.
Joseph Henderson Caldwell.....	Winnsboro, S. C.
Irvine Craig Crawford.....	Rowland, N. C.
Edward Smith Currie.....	Fayetteville, N. C.
Stacy Conrad Farrior.....	Rose Hill, N. C.
Nathan Neely Fleming, Jr.....	Woodleaf, N. C.
Samuel Chalmers Hart.....	Mooresville, N. C.
George Howard, Jr.....	Tarboro, N. C.
Samuel Badger Lyerly.....	Woodleaf, N. C.
Donald McLean McDonald.....	Carthage, N. C.
Michael Mar Yosip.....	Urumia, Persia
John Watson Moore.....	Susaki, Japan
John Karl Scott.....	Sumter, S. C.
Egbert Worth Shaw.....	Charlotte, N. C.
Lloyd Hollingsworth Smith.....	Easley, S. C.
Samuel Denny Smith.....	Caledonia, Mo.
Thomas McClelland Stevenson.....	Loray, N. C.
Andrew Wardlaw White.....	Abbeville, S. C.

## BACHELOR OF SCIENCE

DeWitt Duncan Clark.....	Clarkton, N. C.
Whitfield Spencer Clary, Jr.....	Greensboro, N. C.
James Orr Cobb.....	Durham, N. C.
Mortimer Cosby.....	Danville, Va.
James McCrea Crocheron.....	Gadsden, Ala.
Samuel Fulton Ervin.....	Darlington, S. C.
John Witherspoon Frierson.....	Columbia, Tenn.
Walter Slagle Henderson.....	Davidson, N. C.
Clifford Ernest Herrick.....	Crystal River, Fla.
Charles Spencer McCants.....	Winnsboro, S. C.

James Daniel McEachern.....	Brundidge, Ala.
Henry Elliott Matthews.....	Winnsboro, S. C.
James Thompson Pharr.....	Charlotte, N. C.
Paul Leo Schenk.....	Camden, S. C.
John Shaw.....	Maysville, N. C.
Karl Sherrill.....	Statesville, N. C.
Warren Crapon Sibley.....	Louisville, Ky.
Arnold Miller Siler.....	Silver City, N. Mex.
Thornwell French Smith.....	Davidson, N. C.
Robert Earle Watkins.....	Henderson, N. C.
Gurney Leslie Whiteley.....	Greensboro, N. C.
George Richard Wilkinson.....	Soochow, China
Quay Williford.....	Sumter, S. C.

## HONORARY DEGREES

### DOCTOR OF DIVINITY

Rev. D. M. Douglas.....	Clinton, S. C.
Rev. J. S. Sibley.....	Louisville, Ky.
Rev. Melton Clark.....	Greensboro, N. C.

### DISTINCTIONS IN THE GRADUATING CLASS OF 1912

Andrew Wardlaw White, Valedictory.....	Abbeville, S. C.
Nathan Neely Fleming, Jr., Salutatory.....	Woodleaf, N. C.
James McCrea Crocheron, Philosophical Oration.....	Gadsden, Ala.

### MEDALISTS FOR 1911-12

#### Disclaimer's Medals

<i>Philanthropic</i>	<i>Eumenean</i>
James McBryde Williams Godwin, N. C.	Norman Johnson Atlanta, Ga.

#### Debater's Medals

(Freshman and Sophomore)

<i>Philanthropic</i>	<i>Eumenean</i>
Charles Douglas Whiteley Greensboro, N. C.	Charles Leonidas King Porterdale, Ga.

#### Debater's Medals

(Junior and Senior)

<i>Philanthropic</i>	<i>Eumenean</i>
Nathan Neely Fleming Woodleaf, N. C.	William Sydney Golden Talladega, Ala.

**Essayist's Medals**

<i>Philanthropic</i>	<i>Eumenean</i>
Wilburn Avery Nicholson Davidson, N. C.	Theodore Ashe Beckett, Jr., John's Island, S. C.

**Fiction Medal**

Theodore Ashe Beckett, Jr., John's Island, S. C.

**Junior Orator's Medal**

Pierre Wilds DuBose, Soochow, China

**Senior Orator's Medal**

Lloyd Hollingsworth Smith, Easley, S. C.

**Biblical Medal**

John Shaw, Maysville, N. C.

**TROPHY AWARDS****Alumni Debating Cup**

*Eumenean Society*

**Debater's Emblems**

*Davidson-South Carolina*

Jamse McBryde Williams (Phi.), Godwin, N. C.  
Lloyd Hollingsworth Smith (Eu.), Easley, S. C.  
Theodore Ashe Beckett, Jr. (Eu.), John's Island, S. C.

*Davidson-Wofford*

Theodore Ashe Beckett, Jr. (Eu.), John's Island, S. C.  
Lloyd Hollingsworth Smith (Eu.), Easley, S. C.

**ROLL OF HONOR**

1911-12

*(Attaining an average of 95 or over in all Departments)*

**SENIOR CLASS (1912)**

N. N. Fleming.....	Woodleaf, N. C.
J. W. Moore.....	Susaki, Japan
A. W. White.....	Abbeville, S. C.
L. H. Smith.....	Easley, S. C.
T. M. Stevenson.....	Loray, N. C.
J. M. Crocheron.....	Gadsden, Ala.

**JUNIOR CLASS (1913)**

C. Murphy.....	Georgetown, S. C.
J. C. Boyd.....	Charlotte, N. C.
R. C. White.....	Mebane, N. C.
S. B. Hoyt.....	Atlanta, Ga.
H. S. Turner.....	Mebane, N. C.
L. White.....	Charlotte, N. C.

**SOPHOMORE CLASS (1914)**

W. T. Bitzer.....	Valdosta, Ga.
E. R. Campbell.....	Davidson, N. C.

**FRESHMAN CLASS (1915)**

F. W. Price.....	Nanking, China
G. W. Steen.....	Bythalia, Miss.
G. W. Gignilliat.....	Seneca, S. C.
H. B. Overcash.....	Statesville, N. C.

**CLASS CHAMPIONSHIPS IN ATHLETICS**

**BASEBALL**

Junior Class ('13).....	<i>Captain</i> .....	W. S. James
-------------------------	----------------------	-------------

**FOOTBALL**

Sophomore Class ('14).....	<i>Captain</i> .....	H. L. Elliott
----------------------------	----------------------	---------------

**TRACK**

Freshman Class ('15).....	<i>Captain</i> .....	W. Stuart Gilchrist
---------------------------	----------------------	---------------------

# STUDENTS IN ATTENDANCE

1912-13

## GRADUATE STUDENTS

Crawford, Irvine Craig.....Rowland, N. C.  
Van Devanter, James Nichols, Jr.....Fort Defiance, Va.  
White, John Bonar.....Abbeville, S. C.

## SENIOR CLASS

### Class of 1913

Anderson, Alden Scott.....A. B.....Charlottesville, Va.  
Arrowood, Robert Southe.....A. B.....Hemp, N. C.  
Bachman, Harry Wilson.....A. B.....Bristol, Tenn.  
Baker, Frank Fisher.....A. B.....China Grove, N. C.  
Bell, J. Leslie.....B. S.....Concord, N. C.  
Bowman, Grady.....B. S.....Manning, S. C.  
Boyd, John Creelman.....A. B.....Charlotte, N. C.  
Bullock, Richard Austin.....A. B.....Bullock, N. C.  
Campbell, Chester McDonald.....A. B.....Paw Creek, N. C.  
Carson, McAllister.....B. S.....Charlotte, N. C.  
Corbett, Henry Dickson.....B. S.....Mayesville, S. C.  
Crawford, Oran Steadman.....B. S.....Rock Hill, S. C.  
Crawford, Zenas Johnston.....A. B.....Lincolnton, N. C.  
Davis, William Cleveland.....B. S.....Charlotte, N. C.  
DuBose, Pierre Wilds.....A. B.....Davidson, N. C.  
Duffie, John Brawner.....B. S.....Sumter, S. C.  
Elder, John Howard.....B. S.....Concord Depot, Va.  
Ewart, Silas Ardwick.....B. S.....Huntersville, N. C.  
Ferran, Carl Llewellyn.....A. B.....Eustis, Fla.  
Gentry, Jonathan Horton.....B. S.....Cherry Lane, N. C.  
Golden, William Sydney.....A. B.....Talladega, Ala.  
Howell, George Augustus, Jr.....B. S.....Charlotte, N. C.  
Hoyt, Samuel Browne.....A. B.....Atlanta, Ga.  
Jamison, William Chalmers.....A. B.....Charlotte, N. C.

Lanier, Sidney J.....	B. S.....	Savannah, Ga.
Long, Roswell Curtis.....	A. B.....	Matthews, N. C.
Lowrance, John Frank.....	A. B.....	Mooreville, N. C.
Lynch, William Edward.....	B. S.....	Edgefield, S. C.
McDuffie, Allen Lacy.....	A. B.....	Biscoe, N. C.
McLeod, Martin Clifton.....	A. B.....	Red Springs, N. C.
McQueen, David Alexander.....	B. S.....	Red Springs, N. C.
Mattison, Narion Eugene.....	B. S.....	Anderson, S. C.
Minter, Clarke Cothran.....	B. S.....	Davidson, N. C.
Minter, John Russell, Jr.....	A. B.....	Davidson, N. C.
Murphy, Clifton.....	A. B.....	Georgetown, S. C.
Nisbet, Douglas Heath.....	B. S.....	Charlotte, N. C.
Phillips, Rufus Martin.....	B. S.....	Sanford, N. C.
Phipps, John Robert.....	A. B.....	Greensboro, N. C.
Rampley, Woodfin.....	B. S.....	Elberton, Ga.
Rogers, James McLean.....	B. S.....	Amelia C. H., Va.
Rogers, William Hudson.....	A. B.....	Amelia C. H., Va.
Salley, Thomas Elliott.....	B. S.....	Orangeburg, S. C.
Simmons, Ralph Baxter.....	B. S.....	Charleston, S. C.
Smith, James Monroe.....	B. S.....	Easley, S. C.
Sullivan, John Crew.....	A. B.....	Porterdale, Ga.
Thompson, Paul Francis.....	A. B.....	Anderson, S. C.
Trotter, Thomas Kirkland.....	B. S.....	Camden, S. C.
Turner, Herbert Snipes.....	A. B.....	Mebane, N. C.
Van Devanter, James Nichols, Jr.....	B. S.....	Fort Defiance, Va.
Watkins, Joseph Powell.....	A. B.....	Henderson, N. C.
Wearn, Joseph Treloar.....	B. S.....	Charlotte, N. C.
White, Locke.....	A. B.....	Charlotte, N. C.
White, Robert Currie.....	A. B.....	Mebane, N. C.
Wilkinson, Laurence Hamlet.....	B. S.....	Charlotte, N. C.
Williamson, John Wilson.....	B. S.....	Graham, N. C.

**JUNIOR CLASS****Class of 1914**

Adams, William Wright.....	B. S.....	Edgefield, S. C.
Archer, Vincent William.....	B. S.....	Black Mountain, N. C.
Bailey, Clarence Bernard.....	B. S.....	Greenwood, S. C.
Bigger, Isaac A.....	B. S.....	Rock Hill, S. C.

Bitzer, Will Tinsley.....	A. B.....	Valdosta, Ga.
Boswell, William Keith, Jr.....	B. S.....	Waterbury, Md.
Brownlee, Robert Frank.....	B. S.....	Anderson, S. C.
Bruce, Sydney.....	B. S.....	Pickens, S. C.
Caldwell, Daniel Templeton.....	A. B.....	Mt. Ulla, N. C.
Caldwell, Henry Elliot.....	B. S.....	Winnsboro, S. C.
Campbell, Ernest Ray.....	B. S.....	Davidson, N. C.
Clary, Robert Scales.....	B. S.....	Greensboro, N. C.
Cousar, James English, Jr.....	A. B.....	Bishopville, S. C.
Crawford, Robert Taylor.....	A. B.....	Rowland, N. C.
Crayton, Louis Broyles.....	B. S.....	Charlotte, N. C.
Dulin, Newton Blair.....	A. B.....	Bowling Green, S. C.
Dunn, Arthur Wilson.....	B. S.....	Huntersville, N. C.
Elliot, Avon Hall.....	A. B.....	Thornwall, N. C.
Elliott, Henry Laurens.....	A. B.....	Winnsboro, S. C.
Fuller, Frank Lanneau.....	B. S.....	St. Louis, Mo.
Gibbon, James Wilson.....	B. S.....	Charlotte, N. C.
Guthrie, Robert Wesley.....	A. B.....	Springfield, W. Va.
Haltiwanger, Robert Sydney.....	B. S.....	Ninety-Six, S. C.
Hart, Crawford Avery.....	A. B.....	Mooresville, N. C.
Hay, Fred Jay, Jr.....	A. B.....	Farm School, N. C.
Hill, Henry Harrington.....	A. B.....	Statesville, N. C.
James, Walter Scherer.....	B. S.....	Laurinburg, N. C.
Johnston, John Edward.....	A. B.....	Davidson, N. C.
Johnson, Norman.....	A. B.....	Atlanta, Ga.
Johnston, Thomas Pinckney, Jr.....	B. S.....	Salisbury, N. C.
Kerr, Harold Dabney.....	B. S.....	Catonsville, Md.
King, Charles Leonidas.....	A. B.....	Porterdale, Ga.
McAlpine, John Robert.....	A. B.....	Clarksville, Ga.
McComb, William Whitener.....	A. B.....	Hickory, N. C.
McCormick, Dougald Stuart.....	A. B.....	Manchester, N. C.
McEwen, James Henry.....	A. B.....	Matthews, N. C.
McGregor, John Rupert.....	A. B.....	Dillon, S. C.
McInnis, Neill.....	A. B.....	Dillon, S. C.
McKinnon, Robert Lee.....	A. B.....	Laurinburg, N. C.
McWhirter, James Agivous.....	B. S.....	Jonesville, S. C.
Marsh, James Pearsall.....	B. S.....	Marshville, N. C.
Marvin, Harold Myers.....	A. B.....	Jacksonville, Fla.
Mayfield, Walter Alexander.....	B. S.....	Anderson, S. C.

Moore, John Swan.....	A. B.....	Birmingham, Ala.
Murray, Edward Clark.....	A. B.....	Graham, N. C.
Norris, William Ruggles.....	B. S.....	Chester, S. C.
Pharr, E. Query.....	B. S.....	Charlotte, N. C.
Pim Benjamin Franklin, Jr.....	A. B.....	Atlanta, Ga.
Ranson, Stanley Dawson Stevenson.....	B. S.....	Richwood, Ky.
Ratchford, Clyde Banks.....	A. B.....	Sharon, S. C.
Richardson, Lunsford, Jr.....	B. S.....	Greensboro, N. C.
Roberson, Zeb Vance.....	A. B.....	Durham, N. C.
Rumple, James Malcolmson.....	B. S.....	Davidson, N. C.
Sisk, James Boyden Crelvo.....	A. B.....	Troy, N. C.
Sprunt, William Hutchinson, Jr.....	B. S.....	Wilmington, N. C.
Strait, William Francis.....	B. S.....	Rock Hill, S. C.
Stukes, Taylor Hudnall.....	B. S.....	Manning, S. C.
Thacker, John Gillespie.....	B. S.....	Greensboro, N. C.
Whiteley, Charles Douglas.....	A. B.....	Greensboro, N. C.
Whitener, Henry Eragon.....	B. S.....	Sherrills Ford, N. C.
Williams, James McBryde.....	A. B.....	Godwin, N. C.
Woods, Samuel Baker.....	B. S.....	Charlottesville, Va.

**SOPHOMORE CLASS****Class of 1915**

Alexander, Uhlman Seymour.....	A. B.....	Charlotte, N. C.
Anderson, Louis Harrison.....	B. S.....	Anderson, S. C.
Belk, John Blanton.....	A. B.....	Greenville, Ky.
Blanton, Arthur Howard.....	B. S.....	Farmville, Va.
Boggs, Marion Alpheus, Jr.....	A. B.....	Liberty, S. C.
Boggs, William Laurie, Jr.....	B. S.....	Greenville, S. C.
Boswell, Madison Griffin.....	B. S.....	Penfield, Ga.
Bullock, Duncan Douglas.....	B. S.....	Rowland, N. C.
Caldwell, Morrison Harris.....	B. S.....	Concord, N. C.
Carriker, John Anderson.....	A. B.....	Harrisburg, N. C.
Carter, John Edwin.....	A. B.....	Mt. Airy, N. C.
Cashion, John Wesley.....	A. B.....	North Wilkesboro, N. C.
Cook, John Samuel.....	A. B.....	Pilot Mt., N. C.
Cooper, James Crawford.....	A. B.....	Fayetteville, N. C.
Cosby, Wilson McPhail.....	B. S.....	Danville, Va.
Cunningham, William Smith.....	B. S.....	Charlotte, N. C.

Dick, Gaither Pierson.....	B. S.....	Sumter, S. C.
Dunn, James Ralph.....	B. S.....	Camden, S. C.
Edwards, George Ryland.....	B. S.....	Rocky Mount, N. C.
Faw, James Enoch.....	A. B.....	Marietta, Ga.
Gibbs, Charles Mitchell.....	A. B.....	Cornelia, Ga.
Gignilliat, George Warren, Jr.....	A. B.....	Seneca, S. C.
Gilchrist, John William Stuart.....	A. B.....	Charlotte, N. C.
Griffin, John Morgan.....	B. S.....	Rocky Mount, N. C.
Griffin, William Wesley.....	B. S.....	Ninety-Six, S. C.
Hamilton, Andrew Vincent.....	A. B.....	Easley, S. C.
Harkey, Fred Lee.....	A. B.....	Charlotte, N. C.
Harper, James Cunningham.....	B. S.....	Lenoir, N. C.
Hill, Frank Armfield.....	B. S.....	Statesville, N. C.
Hollister, William.....	B. S.....	New Bern, N. C.
Jones, Edward Eugene.....	A. B.....	Sumter, S. C.
Kluttz, Lex.....	B. S.....	Chester, S. C.
Knox, Malcolm Mitchell.....	A. B.....	Pineville, N. C.
McCaskill, Harry Lee.....	B. S.....	Bainbridge, Ga.
McCubbins, Samuel Hayes.....	B. S.....	Salisbury, N. C.
McDonald, John Caldwell.....	B. S.....	Charlotte, N. C.
McIlwaine, William Andrew.....	A. B.....	Kochi, Japan
McKay, James Hamilton Woodrow.....	B. S.....	Columbia, S. C.
McMaster, Spencer Rice.....	B. S.....	Winnsboro, S. C.
Mackey, Arthur Holmes.....	B. S.....	Greenville, S. C.
Malloy, Harry Winthrop, Jr.....	B. S.....	Laurinburg, N. C.
Martin, Henry Fletcher.....	B. S.....	Pittsburg, Pa.
Moore, Carlisle Clark.....	B. S.....	McConnellsville, S. C.
Morrison, Roy Williamson.....	A. B.....	Kershaw, S. C.
O'Connell, Jasper Walker.....	B. S.....	Charlotte, N. C.
O'Neill, Belton Ragsdale.....	B. S.....	Greenville, S. C.
Patrick, Paul Dickson.....	A. B.....	Greenville, S. C.
Payne, James Leonidas.....	A. B.....	Elberton, Ga.
Price, Francis Wilson.....	A. B.....	Nanking, China
Rea, David Miller.....	B. S.....	Matthews, N. C.
Reid, Guy George.....	B. S.....	Rutherfordton, N. C.
Roberts, James Wilkinson, Jr.....	B. S.....	Buena Vista, Ga.
Robinson, Ralph Knox.....	A. B.....	Charlotte, N. C.
Robinson, Walker Wickliffe.....	B. S.....	Easley, S. C.

Rouse, John Harrison.....	B. S.....	Valdosta, Ga.
Rowan, Charles Hamilton.....	A. B.....	Cameron, N. C.
Rowland, Earle.....	A. B.....	Sumter, S. C.
Scarborough, Alfred.....	A. B.....	Sumter, S. C.
Scruggs, Edward Palmer.....	B. S.....	Livingston, Ala.
Shaw, Wilfred McLaurin.....	A. B.....	Sumter, S. C.
Shirley, Malcolm John.....	B. S.....	Honea Path, S. C.
Stewart, Ivan Griffith.....	B. S.....	Newton, N. C.
Thompson, Erwin Beveridge.....	A. B.....	Smithville, Ga.
Todd, James Conway.....	B. S.....	Laurens, S. C.
Torrence, Robert Matthews.....	A. B.....	Charlotte, N. C.
Whittington, Kenneth Lavane.....	B. S.....	McLeansville, N. C.
Wilds, John Edmunds.....	B. S.....	Columbia, S. C.
Williams, Peter McKellar, Jr.....	B. S.....	Fayetteville, N. C.
Williams, William Edward.....	A. B.....	Godwin, N. C.
Wilson, Charles Robert.....	B. S.....	Arlington, Tenn.
Wyatt, Lenhardt.....	B. S.....	Easley, S. C.
Yates, Henry Beattie.....	B. S.....	Greensboro, N. C.
Young, David Caldwell.....	A. B.....	Davidson, N. C.

**FRESHMAN CLASS****Class of 1916**

Adams, Minor Revere.....	A. B.....	Statesville, N. C.
Alford, Ernest Leslie.....	B. S.....	Chipley, Fla.
Arrowood, John Bartley.....	A. B.....	Hemp, N. C.
Bachman, Philip Morlock.....	B. S.....	Bristol, Tenn.
Bain, Franklin Munns.....	A. B.....	Wade, N. C.
Bain, Lattie Alfred.....	A. B.....	Wade, N. C.
Baker, Archie Eve.....	B. S.....	Charleston, S. C.
Bennett, Robert Hays.....	B. S.....	Trenton, Tenn.
Bernhardt, George Harper.....	B. S.....	Lenoir, N. C.
Berry, Robert Lowry.....	A. B.....	Emmett, Tenn.
Blake, Robert Sims.....	B. S.....	Ninety-Six, S. C.
Blake, William Kennedy.....	A. B.....	Greenwood, S. C.
Brown, Benjamin McClure.....	B. S.....	Cornelius, N. C.
Browning, Paul.....	B. S.....	Greenville, S. C.
Byrd, Eldred Holloway.....	A. B.....	Hazelhurst, Miss.
Carson, James H.....	B. S.....	Charlotte, N. C.
Carson, William Clifton.....	B. S.....	Atlanta, Ga.
Cashion, Avery Ted.....	B. S.....	Davidson, N. C.

Choat, Joe Leighton, Jr.....	B. S.....	Huntersville, N. C.
Clary, Ernest Gilmer.....	A. B.....	China Grove, N. C.
Cloud, Joel Mable.....	B. S.....	Hamlet, N. C.
Cochran, Carlisle Calahan.....	A. B.....	Parkton, N. C.
Cook, John Henry.....	B. S.....	Fayetteville, N. C.
Copeland, William C.....	A. B.....	Rocky Mt., N. C.
Cowles, Miles Andrew.....	B. S.....	Statesville, N. C.
Craig, Hugh Burnette.....	A. B.....	Matthews, N. C.
Cranford, Spencer Rouse.....	B. S.....	Davidson, N. C.
Crawford, Lawrence Aylette.....	A. B.....	Rowland, N. C.
Crisp, Sellers Mary, Jr.....	B. S.....	Falkland, N. C.
Currie, Ernest McArthur.....	A. B.....	Fayetteville, N. C.
Daniel, Robert Lewis.....	B. S.....	Decatur, Ga.
Dumas, Walter Alexander.....	B. S.....	Atlanta, Ga.
Edgerton, Lacy Graves.....	A. B.....	Suffolk, Va.
Eikel, Leonard Hugh.....	A. B.....	Ft. White, Fla.
Fairley, Alexander McIver, Jr.....	B. S.....	Laurinburg, N. C.
Faison, James Elias.....	B. S.....	Faison, N. C.
Fetner, Stephen Ralph.....	B. S.....	Hamlet, N. C.
Finley, Richard Gwyn.....	B. S.....	North Wilkesboro, N. C.
Foster, Gurdon Robert.....	A. B.....	Davidson, N. C.
Gibbs, Archie Baird.....	A. B.....	Statesville, N. C.
Gillespie, James T.....	B. S.....	Florence, S. C.
Gloer, Joseph Alexander.....	B. S.....	Bowman, Ga.
Golden, Curry Franklin.....	B. S.....	Talladega, Ala.
Good, James Frederick.....	B. S.....	Greenville, S. C.
Graves, Robert Wyatt.....	B. S.....	Toccoa, Ga.
Hay, Sam Burney.....	A. B.....	Cornelius, N. C.
Henderson, Arthur Irwin.....	B. S.....	Charlotte, N. C.
Henderson, Edward Palmer.....	B. S.....	Aiken, S. C.
Hicks, Lewis Glasgow.....	B. S.....	Wilmington, N. C.
Hill, Thomas Morley.....	B. S.....	Statesville, N. C.
Hooper, Olin Stewart.....	A. B.....	Porterdale, Ga.
Howard, John Witherspoon.....	A. B.....	Morganton, N. C.
Howland, Albert Ray.....	A. B.....	Charlotte, N. C.
Hudson, George Alexander.....	A. B.....	Davidson, N. C.
Hughes, Edward Leon.....	B. S.....	Greenville, S. C.
Hughes, Robert Dawson.....	A. B.....	Cedar Grove, N. C.
Hughes, Robert Earl.....	A. B.....	Cedar Grove, N. C.
Johnson, Walter Alexander.....	A. B.....	Mt. Berry, Ga.
Jones, Robert Hayne.....	A. B.....	Greenwood, S. C.

King, Robert Vaughan.....	B. S.....	Okolona, Miss.
Knox, Paul Hamilton.....	B. S.....	Pineville, N. C.
Law, William Latta, Jr.....	B. S.....	Rock Hill, S. C.
Loven, Eugene.....	B. S.....	Cold Spring, N. C.
McBryde, John Malcolm.....	A. B.....	Red Springs, N. C.
McCormick, Hugh.....	A. B.....	Manchester, N. C.
McCown, James Leon.....	A. B.....	Florence, S. C.
McDonald, Kenneth Angus.....	B. S.....	Cotton, N. C.
McIntire, Edwin James.....	B. S.....	Wilmington, N. C.
McIntyre, Wallace Laneau.....	B. S.....	Lumberton, N. C.
McKeithen, Archie Murdock.....	B. S.....	Cameron, N. C.
McKenzie, William.....	B. S.....	Bannockburn, S. C.
McKinnon, Lauch Dixon.....	B. S.....	Laurinburg, N. C.
McKinnon, William Boston.....	B. S.....	Brunswick, Ga.
McLean, Archibald Douglas.....	B. S.....	Lumberton, N. C.
McLean, Archie Franklin.....	B. S.....	Rowland, N. C.
McLeod, John Daniel.....	A. B.....	Carthage, N. C.
McNeill, Archibald Alexander.....	A. B.....	Laurinburg, N. C.
McNeill, James Purdie, Jr.....	A. B.....	Florence, S. C.
McNeill, Thomas Ruffin.....	A. B.....	Fayetteville, N. C.
Mack, Joseph Bingham.....	B. S.....	Decatur, Ga.
Minter, Hugh Roderick.....	B. S.....	Davidson, N. C.
Monroe, Dougald McDougald.....	A. B.....	Manchester, N. C.
Moore, William Harris.....	B. S.....	Union Springs, Ala.
Morrison, Harlee.....	A. B.....	Loray, N. C.
Morrison, Julian Knox.....	B. S.....	Statesville, N. C.
Morrison, William Gilbert.....	A. B.....	Okolona, Miss.
Mullen, Leroy Arthur.....	A. B.....	Shawnee, Okla.
Murray, Robert Lebby.....	A. B.....	Graham, N. C.
Nair, Charles Perry, Jr.....	B. S.....	Clifton Forge, Va.
Nash, Frank Lewis.....	B. S.....	Lumberton, N. C.
Neisler, Charles Eugene.....	B. S.....	King's Mt., N. C.
Nicholson, Neill Graham.....	A. B.....	Powellton, N. C.
Nuttall, Dan Morrison.....	A. B.....	Rockingham, N. C.
Ormand, Harry White.....	B. S.....	Bessemer City, N. C.
Osteen, Richard Thacker.....	B. S.....	Greenville, S. C.
Osteen, William Thacker.....	B. S.....	Greenville, S. C.
Patton, James Godfrey, Jr.....	B. S.....	Decatur, Ga.
Payne, John Lewis.....	B. S.....	Washington, N. C.
Perry, Roy.....	B. S.....	Easley, S. C.
Peters, Robert Lynn.....	B. S.....	Ebenezer, Tenn.
Powell, Ben.....	B. S.....	Charlotte, N. C.

Rhyne, Sidney White.....	B. S.....	Charlotte, N. C.
Scott, Henry Allan.....	A. B.....	Ft. Smith, Ark.
Sharp, James Turner.....	B. S.....	Waycross, Ga.
Sharp, Lott Walker.....	B. S.....	Waycross, Ga.
Shaw, Duncan.....	B. S.....	Fayetteville, N. C.
Shaw, John Alexander.....	B. S.....	Fayetteville, N. C.
Smith, Clifton E.....	B. S.....	Cornelius, N. C.
Smith, Frank Hollingsworth.....	A. B.....	Easley, S. C.
Smith, Thomas A.....	A. B.....	Indian Trail, N. C.
Sparrow, Thomas DeLamar.....	A. B.....	Washington, N. C.
Stough, Michael Alfred.....	B. S.....	Cornelius, N. C.
Thomson, Wardlaw Perrin.....	B. S.....	Rock Hill, S. C.
Turrentine, Wilbur C.....	B. S.....	Shelby, N. C.
Veal, James Dixon.....	B. S.....	Royston, Ga.
Waite, Alvis A.....	A. B.....	Savannah, Ga.
Wakefield, R. F.....	B. S.....	Charlotte, N. C.
Walton, Francis C.....	B. S.....	Norfolk, Va.
Wells, John Miller, Jr.....	A. B.....	Wilmington, N. C.
Wertz, John Chappelle Maxwell.....	B. S.....	Greenwood, S. C.
Williams, John Payne.....	B. S.....	Chattanooga, Tenn.
Williamson, Orin Conway.....	A. B.....	Charlotte, N. C.
Wilson, James Frank.....	B. S.....	Douglas, Ga.
Wilson, Thomas Ira.....	A. B.....	Mt. Ulla, N. C.
Witherington, Robert Southerland.....	B. S.....	Faison, N. C.
Witt, William Tazewell.....	A. B.....	Mt. Airy, N. C.
Wooten, Walter Leroy.....	B. S.....	Maxton, N. C.

### ECLECTICS

#### Year

Bankhead, James Charles.....	2	Sharon, S. C.
Barr, Harold Lee.....	3	Greenville, S. C.
Booe, Everett Little.....	6	Davidson, N. C.
Brown, Rowland Angus.....	1	Red Springs, N. C.
Burns, John Knox.....	2	Clarksville, Ga.
Campbell, Lloyd Cook.....	2	Paw Creek, N. C.
Carr, George Watts.....	2	Durham, N. C.
Cashion, Jay Carl.....	2	Huntersville, N. C.
Cover, Charles Lee.....	1	Covington, Va.
Graham, Ernest H.....	4	Greenville, S. C.
Guy, Walter Lee.....	1	Elba, Ala.

Henderson, Miles Palmer.....	1	Davidson, N. C.
Howell, James Ernest.....	2	Rockingham, N. C.
Kerr, William Clarke Doub.....	2	Greensboro, N. C.
Lee, Hugh Shaw.....	1	Raleigh, N. C.
McRae, Rae Alexander.....	1	Mount Gilead, N. C.
Menzies, William Lamar.....	3	Hickory, N. C.
Moore, Robert Hanna.....	1	Yorkville, S. C.
Morisey, Raymond Faison.....	2	Goldsboro, N. C.
Morrow, Robert Lee.....	1	Albemarle, N. C.
Nash, Shepard Kollock.....	2	Charlotte, N. C.
Overcash, Hinton Baxter.....	2	Statesville, N. C.
Paine, Walter Holmes.....	2	Asheville, N. C.
Phillips, John William.....	2	Sanford, N. C.
Reynolds, Eugene McDonald.....	1	Wilmington, N. C.
Rhinehart, David Horace.....	2	Davidson, N. C.
Rourk, William Carleton.....	1	Wilmington, N. C.
Sandifer, Myron Guy.....	2	Lowryville, S. C.
Shaw, Ervin David.....	2	Sumter, S. C.
Stogner, Clyde Clinton.....	1	Hartsville, S. C.
Thompkins, Arthur Smyly.....	1	Edgefield, S. C.
Wilcox, Herbert Hammond.....	1	Elberton, Ga.
Williams, Joe Thomas.....	1	Stuart, Va.
Wolfe, Samuel McKeiver.....	4	Hickory, N. C.

**SUMMARY**

Freshmen .....	127
Sophomores .....	73
Juniors .....	62
Seniors .....	55
Eclectics .....	34
Post-Graduates .....	3
	<hr/>
	354
Names counted twice.....	1
	<hr/>
Total .....	353

## APPLICANTS FOR DEGREES

A. M. ....	3
A. B. (Full Classical Course).....	135
B. S. ....	181

## REPRESENTATION

North Carolina.....	192
South Carolina.....	83
Georgia .....	34
Virginia .....	13
Tennessee .....	7
Alabama .....	6
Florida .....	4
Mississippi .....	3
Kentucky .....	2
Maryland .....	2
Arkansas .....	1
Missouri .....	1
Oklahoma .....	1
Pennsylvania .....	1
West Virginia.....	1
China .....	1
Japan .....	1

# INDEX

---

	PAGE
Absence from College, Regulations regarding.....	80
Admission, Requirements for.....	17
by Examinations .....	27
by Certificate .....	27
for Graduate Work.....	73
to Advanced Standing.....	28
Aid for Students.....	104
Alumni Association .....	121
Assignment of Rooms.....	81
Astronomical Equipment .....	86
Astronomy, Courses in.....	31
Athletic Association .....	93
Athletic Day .....	95
Athletic Field .....	90
Athletic Regulations .....	94
Attendance, Regulations regarding.....	74
Biblical Instruction, Courses in.....	32
Biological Laboratory, Equipment of.....	87
Biology, Courses in.....	35
Board of Trustees.....	8
Board, Prices of.....	102
Book Agency .....	118
Botany, Course in.....	36
Buildings .....	83
Calendar .....	4
Chapel, Regulations regarding Attendance upon.....	75
Chemical Laboratory, Equipment of.....	87
Chemistry, Courses in.....	37
Christian Association .....	92
Church, Regulations regarding Attendance upon.....	75
Class Enrollment .....	81
Commencement, Date of.....	4
Committees, Trustees .....	8
Faculty .....	15
Courses of Instruction.....	31
Davidson College, Historical Note.....	5
Degrees:	
Conferred in 1912.....	124
Requirements for .....	67
Dormitories .....	89

	PAGE
Economics, Courses in.....	61
Education, Courses in.....	41
Electives, List of.....	68
Electives, Rules governing.....	71
English, Courses in.....	41
Enrollment of Classes.....	128
Equipment .....	83
Examinations, Regulations regarding.....	76
Expenses .....	100
Faculty .....	11
Committees .....	15
Fees, College .....	100
Laboratory .....	101
Fraternities .....	95
French, Courses in.....	44
General Information .....	114
Geology, Equipment in.....	87
Geology, Courses in.....	45
German, Courses in.....	49
Graduate Students .....	128
Greek, Courses in.....	46
Growth and Influence of Davidson.....	119
Gymnasium .....	58, 86
Heating Plant .....	91
Historical Note .....	5
History, Courses in.....	51
Honor Roll .....	78, 126
Hospital .....	91, 118
Infirmary .....	91, 118
Instruction, Courses of.....	31
Laboratories .....	86
Latin, Courses in.....	52
Law, Elements of, Courses in.....	54
Library .....	83
Lighting System .....	91
Literary Societies .....	92
Loan Funds .....	104
Location .....	114
Mathematics, Courses in.....	54
Matriculation .....	28

	PAGE
Medals .....	98
Medical Attendance .....	117
Museum .....	88
Officers and Trustees.....	8
Orchestra and Glee Club.....	96
Organizations, College .....	92
Ott's Lectureship .....	119
Philosophy, Courses in.....	56
Physical Culture .....	57
Physical Laboratory, Equipment of.....	88
Physics, Courses in.....	59
Political Science, Course in.....	61
President of the College.....	11
Prizes and Medals.....	98
Psychology, Courses in.....	56
Publications .....	119
Public Speaking, Courses in.....	60
Railroad Facilities .....	114
Recitations, Regulations regarding Attendance upon.....	74
Registration .....	29
Regulations, General .....	74
Religious Organizations .....	92
Requirements:	
for Admission .....	17
for Degrees .....	67
Roll of Honor, 1911-12.....	126
Rooms, Assignment of.....	81
Prices of .....	100
Scholarship, Regulations in regard to.....	79
Scholarships .....	104
List of .....	106
Scientific Equipment .....	86
Self-Government, Student .....	116
Social Science, Courses in.....	61
Societies and Organizations.....	92
Standing:	
Regulations regarding .....	79
Reports of .....	78
Students in Attendance.....	128
Graduate Students .....	128
Seniors .....	128
Juniors .....	129

	PAGE
Sophomores .....	131
Freshmen .....	133
Eclectics .....	136
Distribution .....	138
Summary of .....	137
Text-Books .....	62
Treasurer .....	8
Trustees and Officers.....	8
Tuition .....	100
Water Supply .....	90
Word With High School Teachers.....	121
Young Men's Christian Association.....	92
Zoölogy, Course in.....	36







