## Lincoln University Bulletin



Catalogue Number 1958-59

ANNOUNCEMENTS FOR 1959-60

Lincoln University, Pennsylvania

## ERRATUM

## Page 56, Course 405-406 should read

## 405-406. Advanced Calculus.

Credit: Six hours
Finst semester:
Vectors; differential and integral calculus of several variables; vector integral calculus (two dimensional theory).
Second semester:
Vector integral calculus (three dimensional theory); infinite series; Fourier series and orthogonal functions; complex variables.


## THE

# LINCOLN UNIVERSITY CATALOGUE 

The College of Liberal Arts

1958-59

105th University Year

Computed from the date of founding and the original charter, April 29, 1854

## CORRESPONDENCE WITH LINCOLN UNIVERSITY

Communications should be addressed to the appropriate administrative officet.
GENERAL INFORMATION
The President
ACADEMIC STANDING OF STUDENTS
The Dean of the College
ADMISSIONS, SCHOLARSHIPS, AND REQUESTS FOR TRANSCRIPTS The Registrar
FINANCIAL ARRANGEMENTS AND PAYMENT OF BILLS The Business Manager

PERSONAL AND SOCIAL LIFE OF STUDENTS AND STUDENT EMPLOYMENT

The Dean of Students
PLACEMENT OF GRADUATES
The Director of Placement
ALUMNI RELATIONS
The Director of Public Relations

The Post Office address is Lincoln University, Pennsylvania.

The Office telephone number is Oxford 58.

Persons desiring accommodations should contact the Dean of Men in advance of their coming. Visitors to the campus are welcome. Meals and lodging may be obtained at nominal cost.

The Offices are open Monday through Friday 8:30-12:00 and 1:00-4:30 and on Saturdays 8:30-12:00. Applicants for admission are urged to write for an appointment.

For information regarding public transportation and highway routes to Lincoln University, see inside back cover.

## GATALOGUE

## The Lincoln University

The College of Liberal Arts

1958-59

The 105th University Year

Announcements for 1959-60

SPRING 1959

Entered as second-class matter at the
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## Table of Contents

Calendar ..... 7
Trustees ..... 9
Faculty ..... 11
History ..... 18
Admission ..... 22
Fees ..... 25
Programs of Study ..... 27
Academic Regulations ..... 30
Courses of Instruction ..... 37
Scholarships, Aid to Students ..... 71
General Information ..... 76
Degrees, Honors, Directory of Students ..... 86

105th University Year


## The University Calendar

105th University Year<br>THE FIRST SEMESTER

1958

| September | 11-15 . . Freshman Orientation Week |  |
| :---: | :---: | :---: |
| September | 16 . . . Registration | 8:00 a.m. Tuesday |
| September | $17 . .$. Classes begin | 8:00 a.m. Wednesday |
| November | 10-15 . . Mid-Semester Tests |  |
| November | $26 . .$. Thanksgiving Recess begins | 12:00 noon Wednesday |
| December | 1 ....Thanksgiving Recess ends | 8:00 a.m. Monday |
| December 1959 | 19.... Christmas Recess begins | 5:00 p.m. Friday |
| January | 5 ... . Christmas Recess ends | 8:00 a.m. Monday |
| January | $21 . .$. Final Examinations begin | 8:00 a.m. Wednesday |
| January | 31 .... Final Examinations end ... THE SECOND SEmest | 12:00 noon Saturday |
| February | $2 . .$. Registration | 8:00 a.m. Monday |
| February | $3 . .$. Classes begin | 8:00 a.m. Tuesday |
| March | 16-21. . Mid-Semester Tests |  |
| March | $25 . .$. Easter Recess begins | 12:00 noon Wednesday |
| March | $31 . .$. Easter Recess ends | 8:00 a.m. Tuesday |
| May | 20 .... Final Examinations begin | 8:00 a.m. Wednesday |
| May | $29 . .$. Final Examinations end | 5:30 p.m. Friday |
| May | $31 . .$. Baccalaureate Service | 11:00 a.m. Sunday |
| June | 1 .... Class Day Exercises | 6:30 p.m. Monday |
| June | 2.... Commencement | 2:00 p.m. Tuesday |

106th University Year
THE FIRST SEMESTER
1959
September 10-14..Freshman Orientation Week

| September | $15 . .$. Registration | 8:00 a.m. Tuesday |
| :---: | :---: | :---: |
| September | $16 . .$. Classes begin | 8:00 a.m. Wednesday |
| November | 9-14. . Mid-Semester Tests |  |
| November | $25 . .$. Thanksgiving Recess begins | 12:00 noon Wednesday |
| November | $30 \ldots$. Thanksgiving Recess ends | 8:00 a.m. Monday |
| December 1960 | $19 \ldots .$. Christmas Recess begins | 12:00 noon Saturday |
| January | 4 .... Christmas Recess ends | 8:00 a.m. Monday |
| January | $20 . .$. Final Examinations begin | 8:00 a.m. Wednesday |
| January | $30 . .$. Final Examinations end | :00 noon Saturday |

THE SECOND SEMESTER

| February | $1 . .$. Registration | 8:00 a.m. Monday |
| :---: | :---: | :---: |
| February | 2....Classes begin | 8:00 a.m. Tuesday |
| March | 21-26 . Mid-Semester Tests |  |
| April | $13 . .$. . Easter Recess begins | 12:00 noon Wednesday |
| April | $19 . .$. Easter Recess ends | 8:00 a.m. Tuesday |
| May | $25 . .$. Final Examinations begin | 8:00 a.m. Wednesday |
| June | 3 ....Final Examinations end | 5:00 p.m. Friday |
| June | 5 .... Baccalaureate Service | 11:00 a.m. Sunday |
| June | 6 . . . Class Day Exercises | 6:30 p.m. Monday |
| June | 7 ....Commencement | 2:00 p.m. Tuesday |

## 107th University Year

## THE FLRST SEMESTER

1960
September 15-19 . Freshman Orientation Week
September $20 \ldots$. Registration .......................... 8:00 a.m. Tuesday
September 21....Classes begin ........................ 8:00 a.m. Wednesday
November 14-19.. Mid-Semester Tests
November $23 \ldots$ Thanksgiving Recess begins $\ldots .$. . 12:00 noon Wednesday
November $28 \ldots$. Thanksgiving Recess ends $\ldots .$. . 8:00 a.m. Monday December $17 \ldots$. Christmas Recess begins .......... 12:00 noon Saturday

1961

| January |  | as | 8.00 a.m. |
| :---: | :---: | :---: | :---: |
| January | 18 | .Final Examinations begin | 8:00 a.m. Wednesday |
| January | 28 | Final Examinations end | 12:00 noon Saturday |

the second semester

| January | $30 . .$. Registration | 8:00 a.m. Monday |
| :---: | :---: | :---: |
| January | $31 . .$. . Classes begin | 8:00 a.m. Tuesday |
| March | 20-25 . . Mid-Semester Tests |  |
| March | $29 . .$. . Easter Recess begins | 12:00 noon Wednesday |
| April | 4.... Easter Recess ends | 8:00 a.m. Tuesday |
| May | $24 . .$. Final Examinations begin | 8:00 a.m. Wednesday |
| June | 2 .... Final Examinations end | 5:00 p.m. Friday |
| June | 4.... Baccalaureate Service | 1:00 a.m. Sunday |
| June | 5.... Class Day Exercises | 6:30 p.m. Monday |
| June | $6 \ldots$. Commencement | 2:00 p.m. Tuesday |



Mary Dod Brown Memorial Chapel


Vail Memorial Library
Reading Room-Vail Memorial Library


## Trustees of The Lincoln University

## The Governor of the State of Pennsylvania <br> (ex officio)

| Year of <br> First |  |
| :--- | :--- |
| Election |  |
| 1924 | FRANCES SHUNK DOWNS, Swarthmore, |
| 1951 |  |
| RALPH J. BUNCHE, New York, New York | Expiration <br> of |
| Term |  |

Trustees Elegted by the Board on Nomination of the Alumni

| Year of First |  | Expiration of |
| :---: | :---: | :---: |
| Election |  | Term |
| 1953 | FRANK T. WILSON, New York, N. Y. | 1959 |
| 1957 | E. LUTHER CUNNINGHAM, Philadelphia, Pa. | 1960 |
| 1956 | CORNELIUS W. Mcdougald, New York, N. Y. | 1961 |

Trustees Elected by the Board on Nomination of the Faculty,
1957 THOMAS M. JONES, Lincoln University, Pennsylvania .... 1959
1958 HENRY G. CORNWELL, Lincoln University, Pennsylvania .. 1960
The Acting President of the University During His Tenure of Office 1957 ARMSTEAD O. GRUBB, Lincoln University, Pennsylvania ex officio Honorary President of the University
1957 HORACE MANN BOND, Atlanta, Georgia, .............. ex officio

## Officers of the Trustees

WALTER M. PHILLIPS, President HERBERT E. MILLEN, Vice-President WILLIAM R. COLE, Secretary AUSTIN H. SCOTT, Treasurer
Committees of the Board of Trustees 1958-1959

The President of the Board of Trustees and the President of the University are members ex officio of all committees.
executive
Messrs. Phillips, Millen, Ware, Morris, Archer
finange and investment
Messrs. Rubel, McMillan, Millen, Firestone, Rosenwald
curriculum
Messrs. Cunningham, Phillips
grounds and buildings
Messrs. Ware, Cannon, Downs, Grim, Cole
student welfare
Messrs. Morris, Cannon, Phillips
honorary decrees
Messrs. Morris, Johnson, Cannon
athletics
Messrs. Archer, Millen
nominations to board
Messrs. Cannon, Fuller, Phillips, Rosenwald
special committee on objectives
Messrs. Cannon, Rosenwald, Millen, Stevens, Firestone
COMmITtEE ON THE THEOLOGICAL SEMINARY
Messrs. Downs, McMillan, Millen, Wilson, McConaghy

## The Faculty

1958-1959

ARMSTEAD OTEY GRUBB
A.B., Princeton; Ph.D., Pennsylvania

Acting President of Lincoln University, and
Professor of Spanish and French

## WILLIAM HALLOCK JOHNSON

A.B., D.D., Princeton; Ph.D., Columbia

President Emeritus, *Charles Avery Professor of Greek
and New Testament Literature, Emeritus
GEORGE JOHNSON
A.B., Ph.D., LL.D., Pennsylvania; D.D., Lincoln
*John C. Baldwin Professor of Theology and Philosophy, Emeritus
HAROLD FETTER GRIM
A.B., Lafayette; M.S., Chicago; D.Sc., Lincoln

William A. Holliday Professor of Biology
WILLIAM RAYMOND COLE
B.S., Middlebury; M.S., Pennsylvania

Burkitt Webb Professor of Physics
JOSEPH NEWTON HILL
A.B., M.A., Lincoln

William E. Dodge Professor of English
LAURENCE FOSTER
A.B., S.T.B., Lincoln; Ph.D., Pennsylvania

Henry A. Kerr Professor of Sociology
PAUL KUEHNER
A.B., Westmar; Ph.D., Pennsylvania

Professor of German and French
JAMES BONNER MACRAE
A.B., Lincoln; M.A., Columbia

Professor of Education
MANUEL RIVERO
A.B., M.A., Columbia

Professor of Physical Education
ORRIN CLAYTON SUTHERN, II
A.B., Western Reserve

Professor of Music

## DeFOREST PORTER RUDD

B.S., Harvard; Ph.D., University of California

Professor of Chemistry
HAROLD ALFRED FARRELL
A.B., Lincoln; M.A., Ph.D., Ohio State

Professor of English

## MOSES LUKACZER

B.S., M.A., Ph.D., Columbia

Professor of Economics
LEROY DENNIS JOHNSON
A.B., Lincoln; M.S., Ph.D., Pennsylvania

Professor of Chemistry
THOMAS MARTIN JONES
A.B., Earlham; M.A., Haverford; Ph.D., Pennsylvania Associate Professor of History
HENRY GILBERT CORNWELL
A.B., Lincoln; M.S., Ph.D., Pennsylvania

Associate Professor of Psychology
DONALD CHARLES YELTON
A.B., Hamilton; M.A., Georgetown; M.S. Columbia University Librarian with the Rank of Associate Professor

BENJAMIN SCHWARTZ
A.B., M.A., New York; Ph.D., Columbia

John H. Cassidy Associate Professor of Classics
WALTER EVERETT WARING
A.B., M.A., Pennsylvania

Assistant Professor of French

## SAMUEL THEODORE WASHINGTON

A.B., Lincoln; M.A., Atlanta; M.B.A., Pennsylvania

Assistant Professor of Accounting

# ROBERT NATHANIEL GARDNER A.B., Macalester; B.S., M.Ed., Minnesota Assistant Professor of Physical Education 

HUBERT BARNES ROSS
A.B., Wesleyan; M.A., Yale; Ph.D., Columbia

Assistant Professor of Sociology
JAMES WILLIAM FRANKOWSKY
B.S., M.S., New York

Reuben J. Flick Assistant Professor of Mathematics
DWIGHT WHITNEY MORROW, JR.
A.B., Amberst; M.A., Ph.D., Harvard

Assistant Professor of History
ELIZABETH LANE BEARDSLEY
A.B., Swarthmore; M.A., Columbia; Ph.D., Yale Visiting Professor of Philosophy

HOLMAN WEISER JENKINS
A.B., The Citadel; M.A., Ph.D., Pennsylvania

Visiting Lecturer in Political Science
ALFRED FREDERICK ANDERSEN
B.S., M.E., Worcester Polytechnic Institute

Visiting Lecturer in Mathematics and Philosophy

GEORGE C. McINTOSH<br>B.M.E., University of Virginia Visiting Lecturer in Graphics and Engineering Drawing<br>WILLIAM CHARLES RASMUSSEN B.S., M.S., Chicago; Ph.D., Bryn Mawr Visiting Lecturer in Geology and Chemistry<br>PETER JOHNSON HALL<br>A.B., Lincoln; M.S., Pennsylvania<br>Instructor in Biology

ISAAC ARCHIBALD MAPP
A.B., Lincoln

Instructor in Biology
GRACE BERESFORD RIVERO
A.B., Union (Richmond, Va.) ; M.A., Teachers College (Columbia)

Instructor in English

FREDERICK LAWRENCE KEEFE<br>A.B., Oberlin; B.D., Princeton<br>Instructor in Religion (Mrs. Susan D. Brown Endowment)

ROBERT HELLMAN
A.B., New York; M.F.A., Iowa State

Instructor in English
SOPHY H. CORNWELL
B.A., Douglass College

Instructor in Spanish
ROBERT EUGENE SMITH
A.B., Lincoln

Instructor in English and Physical Education
EMERY WIMBISH
A.B., Clark; B.L.S., Atlanta

Assistant Librarian with the Rank of Instructor
HELEN HELLMAN
A.B., Iowa; M.A., Pennsylvania Instructor in English

DIMBERU HAPTE MERRIAM
B.B.A., Spicer College, India; M.B.A., Pennsylvania Instructor in Business

LOUIS S. PUTNAM
A.B., Yale

Instructor in English
STANLEY SHING-HWA TSAI
B.S., Lafayette

Assistant in Physics
FRANK ZOZZARO
B.S.E., Carnegie; B.F.A., Yale

Supervisor in Engineering Drawing

# VIOLETTE DEMAZIA <br> Adjunct Lecturer in Art (Barnes Foundation) <br> ANGELO PINTO <br> Adjunct Lecturer in Art (Barnes Foundation) 

*Titles refer to endowed chairs

* Absent on leave, spring semester, 1958-59


## Officers of Administration

ARMSTEAD OTEY GRUBB, A.B., Ph.D.<br>Acting President of the University<br>HAROLD FETTER GRIM, M.S., D. Sc. Dean of the University<br>LEROY DENNIS JOHNSON, A.B., M.S., Ph.D.<br>Dean of the College<br>PAUL KUEHNER, A.B., Ph.D.<br>Registrar<br>JAMES BONNER MACRAE, A.B., M.A. Dean of Students<br>DONALD CHARLES YELTON, A.B., M.A., M.S.<br>Librarian<br>AUSTIN HAMMOND SCOTT, Ph.B., University of Chicago Business Manager<br>HAROLD ALFRED FARRELL, A.B., M.A., Ph.D. Public Relations<br>SAMUEL GOVAN STEVENS, A.B., S.T.B., D.D., Th.M., S.T.M. University Chaplain<br>PAUL SANBORN LUNT Self Studies<br>THOMAS ELLWOOD GILLINGHAM, B.S., Harvard; M.S., Arizona; Ph.D., Minnesota Consultant

ASSISTANTS IN ADMINISTRATION
TOYE GEORGE DAVIS, A.B., Lincoln; M.S., Pennsylvania; Ph.D., Harvard; M.D., Howard

University Physician
FRANCIS TREVANION JAMISON, A.B., Lincoln; D.D.S., Pennsylvania University Dentist
SAMUEL THEODORE WASHINGTON, A.B., M.A., M.B.A. University Accountant
EMERY WIMBISH, A.B., B.L.S. Assistant Librarian

GEORGE JACKSON McFADDEN
Superintendent of Buildings and Grounds
GLADYS W. RENWICK
Dietitian
GRACE J. FRANKOWSKY
Secretary to the President
ELSIE M. WINCHESTER
Assistant Registrar
JANE B. BAUGHMAN
Secretary to the Business Manager

## Clerical and Stenographic Staff

Marjorie V. Cole Sophy H. Cornwell Miriam G. Hearne Goldye K. Johnson Grace R. Meeks Dorothy M. Milbourne

Leanna M. Nelson
Minnie W. Shock
Doris L. Stroud
Jane Willits
Elizabeth Taylor

## Committees of the Faculty for 1958-1959

The President of the University is ex-officio a member of all committees. The first named in each committee is the Chairman

## UNIVERSITY COMMITTEES

ADMINISTRATIVE
Grubb, Farrell, Gillingham, Grim, Johnson, Kuehner, MacRae, Murray, Ross, Rudd, Scott, Suthern, Yelton
catalog
Kuehner, Farrell, Johnson
HEALTH
MacRae, Davis, Frankowsky, Jamison, Rivero. (Students: Robert Carter, Robert Rollins)

JUDICLAL
Grim, Cole, Davies, Jones, Lukaczer, Stevens. (One Trustee)
LECTURES \& RECITALS
Yelton, Beardsley, Suthern, Wimbish. (One student)
LIBRARY
Yelton, Davies, Schwartz

RELIGIOUS AGTIVITIES
Stevens, Brown, Farrell, Keefe, Washington.
(Student: Judson Mills)

RESEARCH PUBLICATIONS
Johnson, Davies, Lukaczer, Schwartz

SALARIES \& APPOINTMENTS
Grubb, Farrell, Johnson, Jones, Murray, Rudd, Stevens
STATUTES
Grubb, Brown, Cornwell, Johnson, Jones, Kuehner, Yelton

## COLLEGE COMMITTEES

ACADEMIC STANDING
Johnson, Cornwell, Kuehner, Lukaczer
ADMISSIONS
Kuehner, Cornwell, Johnson, Lukaczer
ATHLETICS
Jones, Frankowsky, Morrow, Rivero. (Students: Philip Kemp, Charles Mikell, Robert Randolph)

CURRICULUM
Johnson, Frankowsky, Jenkins, Kuehner, (Students: Ray Spriggs, Whitney Walker)

PRIZES \& AWARDS
Johnson, Hall, Kuehner, MacRae, Waring
SCHOLARSHIPS
Kuehner, Gardner, Johnson, Jones

STUDENT PERSONNEL
MacRae, Gardner, Suthern, Wimbish. (Students: Frank Berry, Ernest Dade, Warren Goins, George Neal)

Artists and Lecturers-1957-1958

John Pennink, Pianist<br>Lucretia West, mezzo-soprano<br>Annual Christmas Glee Club Concert<br>The Albeneri Trio (piano, violin, 'cello)<br>Rey de la Torre, classical guitarist

## The University

## Introduction

Lincoln University is situated in a beautiful rural setting amid the hills and farmlands of southern Chester County, Pennsylvania. It is 45 miles southwest of Philadelphia and 55 miles north of Baltimore. The Baltimore Pike (U.S. and Pennsylvania Route No. 1) passes by the memorial arch which is the entrance to the campus, and thus Lincoln is easily accessible by car and bus.

The University consists of a graduate theological seminary and an undergraduate college of liberal arts.

The seminary, after almost a hundred years of outstanding service not only to the (United) Presbyterian Church, with which it has been affiliated, but to other denominations as well, will be closed on June 30, 1959.

The nonsectarian college is privately controlled and state aided.
Until 1954 the college was open to men only. But since that date it has accepted and conferred degrees on several women students, and in September, dential coeducation to the extent that dormitory capacity permits.

## The Story of Lincoln University

All colleges and universities share the great heritage of the past. Lincoln University may rightfully claim unique endowments from the cultural and intellectual stream that has carried human aspiration toward its highest goal.

The actual origin of Lincoln University came during the 19th century. In 1806 one John Miller Dickey was born in Oxford, Pennsylvania. His father was minister of the Oxford Presbyterian Church, his mother the daughter of John Miller, intimate friend of Benjamin Rush. In the same year, in Philadelphia, was born Sarah Emlen Cresson, later John Miller Dickey's wife. She was of a family long devoted to realizing, through philanthropic labors, John Woolman's inspiring counsels to Friends to uplift Negroes.

Together these two descendants of varied cultural traditions conceived, and founded, Ashmun Institute, the first institution in the world chartered (1854) to provide a higher education for "colored youth."

In 1866, following the end of the Civil War, the new title of Lincoln University was adopted; meaning, said John Miller Dickey, that the institution was adopting new and extended goals. On the one hand, it now proposed to teach on the University level; on the other, it proposed to enroll students "of every clime and complexion."

Law, Medical, Pedagogical, and Theological Schools were planned, in addition to the College of Liberal Arts. White students, never barred from Ashmun Institute, were encouraged to enroll; two graduated in the first baccalaureate class of 1868. The enrollment has continued to be inter-racial through the years.

A great schoolmaster, Isaac N. Rendall, became Principal of Ashmun Institute in 1865, and President of Lincoln University in 1866. Within a decade, the Law, Medical, and Pedagogical Schools had to be dropped for financial reasons. The institution persisted, under Dr. Rendall's administration, as a College of Liberal Arts, directing most of its graduates into the remaining professional di-vision-the Theological Seminary.

Isaac N. Rendall resigned in 1905, after forty years of conducting an institution that produced as extraordinary a leadership as any American college may claim among its alumni. He died in 1912. His nephew, John Ballard Rendall, was President from 1905 to his death in 1924. William Hallock Johnson, Professor of Greek since 1903, served as President from 1926-1936; and was succeeded by Walter Livingstone Wright, 1936-1945. Horace Mann Bond was elected President in 1945. Following Dr. Bond's resignation in 1957, Dr. A. O. Grubb became Acting President.

THE NEW PROGRAM: In 1953, the Board of Trustees and Faculty, in preparation for the Centennial Year of 1953-1954, set forth the "New Program" of the institution.

This was to extend Lincoln University's services beyond the circle of the predominantly Negro clientele it had served and beyond the African field where its long labors had produced a host of distinguished servants of humanity, including two Prime Ministers of emerging Sovereign States, to the whole wide field of human relations and thought.

Already, numerous students from Asia and Europe have been enrolled under Lincoln's "New Program." The curriculum has been modified to meet the requirements of a new kind of institu-
tion truly devoted to the cause of the international reconciliation of all men-brothers, under God, the Father.

Lincoln University's "New Program" is designed to meet the challenge of a second century in the history of the institution; but also, that of a new kind of world emerging from the ashes of past conflicts. To the fulfillment of Man's highest aspiration, the University welcomes persons-as its Founder said in 1867-"of every clime and complexion"; this goal is the "New Program" of Lincoln University and in fact, its oldest motivating force.

## Government and Administration

The University is under the control of an independent Board of Trustees, a self-perpetuating body consisting of thirty-one members. Three members of the Board are nominated by the Alumni, for election by the Board: one each year for a term of three years. Two members of the Board are nominated by the Faculty, for election by the Board: for terms of three years. The Governor of the Commonwealth and the President of the University are ex officio members of the Board.

Twenty-four members of the Board are elected by the Board, to serve in six classes with terms of four years each.

The officers of the Board consist of a President, a Vice-President, a Secretary, and a Treasurer, elected annually. There are three stated meetings of the Board: on the third Saturday in April, on the day of the University Commencement, and on the second Thursday of November.

The University owns endowment funds of more than one million dollars, and buildings and grounds of an estimated value of $\$ 2,000,000$. The grounds consist of 350 acres of land, of which part is farmed, part is woodlot, and part is campus.

## Terms and Vacation

The University year includes thirty-six weeks of term time, divided into two semesters. There is a Thanksgiving recess of four days, a Christmas recess of two weeks, and an Easter recess of six days. Commencement Day is the first Tuesday following the first Monday in June. The school year begins on the third Tuesday in September.

## Rating of the College

The College is approved by the College and University Council of the State of Pennsylvania, the American Medical Association,
and since December 1, 1922, as a fully accredited four-year Senior college, by the Middle States Association of Colleges and Secondary Schools.

## Objectives

It is Lincoln University's purpose to offer in the college program a thorough grounding in the liberal arts through a curriculum which, incorporating the heritage of the past, stresses the relevance of all knowledge to the problems of the present. The liberal arts, which encompass the sciences and mathematics, are the recognized preparation for the learned professions, for business and for public service, and best equip the student to play a useful role in an increasingly complex yet unitary world. From this premise and from the aims of the several divisions of study, the objectives of the college are derived:

First, to cultivate an inquiring and critical mind; to direct it toward the apprehension of truth; and to arm it with those skills essential for effective oral and written communication.
Second, to acquaint the student with the cultural aspects of civilization as expressed in languages, literature, art, music, religion, and philosophy; and to cultivate an appreciation of the role they play in the enrichment of human life.
Third, through the medium of mathematics and the laboratory sciences, to enable the student to cope with the quantitative aspects of life, and to familiarize him with the nature of the physical and biological worlds and with scientific method.
Fourth, to promote understanding of contemporary societies and cultures, in terms of their historical antecedents, of their interrelations, and of their economic, political, social, and psychological factors; and to inculcate the values of good citizenship and service to one's fellow man.
Fifth, to develop recreational skills and to encourage participation in all areas of life that promote the health and general welfare of the student; and to develop strength of character and convictions consistent with the ideals of free men.
Sixth, through intensive instruction in the area of the student's special competence to qualify him for successful graduate or professional study.
The liberal arts imply sound preparation. However, Lincoln feels a responsibility to students who, through no fault of their own, have not enjoyed favorable educational opportunities. Thus
the University has traditionally admitted and will continue to admit some candidates who seem to offer promise of response to a program of special work, reduced schedules, and academic and personal counseling.

Because we believe that only by freely living and learning together shall we move to greater understanding of man's personal and collective problems, Lincoln will actively seek to enroll students of diverse race, color, and national origin. The faculty and board of trustees of Lincoln University, both of which are broadly interracial, are persuaded that this is among the desirable objectives of a liberal education.

## Admission, Advanced Standing and Withdrawal

Those who desire to enroll in the College Department should write to the Registrar (address: Lincoln University, Pa.) for an application blank. This should be filled in and returned to the Registrar, who will then secure the previous scholastic record of the applicant and notify him as to his scholastic eligibility to enter.

## ADMISSION BY CERTIFICATE

To be admitted by certificate the candidate must have completed a minimum of fifteen acceptable units in a secondary school accredited as a standard senior high school either by the state authorities or by the regional accrediting bodies.

The fifteen units of secondary school credits offered for admission should be distributed as follows:

| Subjects | Units |
| :---: | :---: |
| * English | . 3 |
| *Mathematics: Elementary Algebra | 1 |
| Plane Geometry | 1 |
| Foreign Language, in one language | 2 |
| History or Civics | 1 |
| Academic electives | 5 |
| Other electives | 2 |

It is recommended that the elective subjects include two of science, one of foreign language, one of mathematics, one of history and social science, and not more than two of the vocational subjects usually taught in secondary schools. The College Department may, at its discretion, accept equivalent preparation.

[^0]
## ADMISSION BY EXAMINATION

To be admitted by examination the candidate must submit the results of the examinations taken under any recognized examining body: the New York Board of Regents, the College Entrance Examination Board, the Local Examinations of the English Universities; or The Lincoln University Entrance Examinations.

These latter examinations are held each spring in cooperation with a number of other colleges, usually during the first week in March, in convenient centers throughout the country and periodically at the University. The schedule of these examinations is announced through the press and will be given to candidates on request.

## ADMISSION WITH ADVANCED STANDING

A student who has taken work at a college of recognized standing may be admitted with such advanced credits as his previous record may warrant. The applicant should request the institution last attended to send to the Registrar a transcript of his academic record. On the basis of this transcript a tentative estimate can be given the candidate as to the prescribed work he must do and the length of time it will take him to earn a degree. At the end of the semester he will be given a definite classification with a statement of the exact amount of residence work he must complete before recommendation for the degree.

No applicant may enter the Senior class as a candidate for a degree after October in any year, and no student will be recommended for a degree who has resided less than two semesters at Lincoln University.

Candidates for advanced standing must also furnish the following certificates: (1) a certificate of honorable dismissal from the institution previously attended, (2) a certificate of good moral character from an authorized representative of his college, (3) a certificate of sound health.

## TESTING PROGRAM: NEW STUDENTS

Students entering the College for the first time will be required to take a Psychological Test and such other Placement Tests as the Faculty may decide. These tests are not intended to determine the admission of the student, but to indicate the grade of work of which he is capable and the most efficient method of teaching him.

## MATRICULATION

Before attending any University exercise each student must comply with the regulations in regard to registration and payment of fees. He must present himself in person at the University Office and there obtain an official matriculation card signed by the Business Manager and a card showing the courses he is permitted to take during the ensuing semester. Failure to comply with this procedure on the dates assigned will subject the student to an extra fee of $\$ 5.00$ unless excused by the Dean of Students. Even if so excused he is held accountable for absences thus incurred.

Each person whose registration has been completed will be considered a student of the University during the period for which such registration is valid as indicated on the matriculation card.

## LATE REGISTRATION

Students presenting satisfactory excuses for tardy registration may be admitted to the College during a period not exceeding two weeks after the opening of any semester. This action will not preclude the payment of the late registration fee.

## WITHDRAWAL

An honorable discharge will be granted to any student in good academic standing, not subject to discipline, provided his financial obligations to the University have been met and his library card has been cleared. However, no student under the age of twenty-one years will be granted a discharge without the consent of his parents or guardian furnished in writing to the Dean. Students withdrawing are required to notify the University Office.

## Expenses

## STANDARD CHARGES FOR RESIDENT STUDENTS

|  | Per Semester | Per Year |
| :---: | :---: | :---: |
| Tuition Fee | \$250.00 | \$500.00 |
| Board | 180.00 | 360.00 |
| General Fee | 40.00 | 80.00 |
| Covers charges for library, health, athletic events, and non-academic student activities) |  |  |
| oom .....................Average | 90.00 | 180.00 |
|  | \$560.00 | \$1120.00 |



McRary Hall-Dormitory completed in 1956
Dormitory Room—McRary Hall



New Science Building to be ready in September 1960
Biology Laboratory


Students remaining at the University during vacations will be charged an amount to cover the cost of room and board.

The University reserves the right to change the charges for room and board at the end of any month in order to meet the actual cost of these services.

## FAMILY HOUSING

Unfurnished apartments are available for married students. The rental for these units is $\$ 240.00$ per school year, including fuel for heating and electricity. Students in good standing may be allowed to occupy apartments, at no additional rental, when school is not in session, provided proper notice is given to University authorities. Application for these apartments should be made to the Dean of Students.

Miscellaneous fees

| Freshman Week Fee | \$12.00 |
| :---: | :---: |
| Matriculation Fee (new Students) | 12.00 |
| Late Registration | 5.00 |
| Laboratory Fees (Determined by courses) | 3.00 to \$15.00 |
| Breakage Deposit | 15.00 |
| Practice Teaching Fee | 25.00 |
| Graduation Fee | 15.00 |
| Transcripts (Initial transcript excluded) | 1.00 |

The Breakage Deposit is required of each new student. The balance in the Deposit must be maintained at the $\$ 15.00$ level by all students. It is held as a reserve against assessments for damage to or failure to account properly for University property of any kind. The Deposit may also, at the discretion of the Business Manager, be applied toward settlement of other unpaid school bills. Any unexpended balance in the Deposit is refundable after graduation or withdrawal from school.

Part-time students are charged for tuition at the rate of $\$ 20.00$ per semester hour. Regular students are charged the same rate for each semester hour in excess of eighteen.

A $\$ 15.00$ room deposit is required of new students. This deposit should be mailed as soon as admission to the college has been granted. Old students should send this deposit by July 1. Room deposits are not refundable.

## PAYMENT OF FEES

All remittances should be made payable to "The Lincoln University" and addressed to the Business Manager.

Students are expected to take an active and effective interest in management of the day to day details of their school financial obligations and in the payment of school expenses. While it is recognized that in most instances parents are responsible for settlement of school bills, the University is able to render more prompt and satisfactory service through students who share in the concern for the most effective use of funds invested in their educational future.

The University recognizes two ways of paying fees: either (1) cash in full at the beginning of the semester, or (2) under the deferred payment plan. According to this plan, the University extends to students or their parents the opportunity of paying tuition and other college fees in installments during the semester.

A first installment of $\$ 150.00$ is required at the beginning of each semester. The balance of the bill is subject to a $\$ 5.00$ service charge. The schedule for payments under this arrangement is as follows:

## For the First Semester

First installment due at the time of registration Second installment due November 1 Third installment due December 1 Final installment due January 1

For the Second Semester
First installment due at the time of registration Second installment due March 1 Third installment due April 1 Final installment due May 1

REFUNDS
Tuition is refundable upon withdrawal of a student according to the following schedule of attendance and rates:

Between one and two weeks .......................... $80 \%$
Between two and three weeks....................... $60 \%$
Between three and four weeks....................... $40 \%$
Between four and five weeks......................... $20 \%$
Over five weeks ............................................... $\mathbf{0 \%}$
A proportionate refund or reduction of the charge for board will be made upon withdrawal or absence of a student involving a period of six weeks or more, provided that in the case of withdrawal notice is given to the Business Manager at that time.

No reduction or refund of charges is permissible except as stated above.

## Programs of Study

## I. Preparation for the Study of Medicine

The Council on Medical Education of the American Medical Association sets forth the following as minimum requirements for admission to a Class A medical school:

| Required Subjects | Sem. Hours | Lincoln | University Courses |
| :---: | :---: | :---: | :---: |
| Chemistry | 12 | Chemistry | ..........103-04, 203-204 |
| Physics | 8 | Physics | 101-02 |
| Biology | 8 | Biology | 101-02 |
| English Composition | ... 6 | English | 101-02 |
| English Literature.... | ... 6 | English | 201-02 |
| Foreign Language |  | French or |  |
| Electives .................. | .. 20 | German | ..........101-02, 201-02 |

## Recommended Subjects

Advanced Biology ..................201-02
Psychology and Logic.... 201 and 203
Algebra and Trigonometry....103-04
Additional Chemistry ............201-02 and 301-02
Students who plan to prepare for the medical profession, should consult the registrar or the pre-medical adviser.

The best medical schools give the preference to students who have completed the entire four years' course leading to the degree.

## II. Preparation for the Study of Law

The Association of American Law Schools, composed of the eighty leading law schools of the country, suggests that the principal aim of the college course should be to give the student a thorough mental training by means of such fundamental subjects as English, History, the Natural and Social Sciences and Foreign Languages.

The student who wishes to enter upon the study of law after completing his undergraduate course should include in his electives the following subjects: Argumentation and Debating, Economics, English, History, Philosophy, Logic, Political Science, Public Speaking, Sociology, and Latin.

Freshman Year
English Composition
Foreign Language History Mathematics Bible

| Sophomore Year | Junior Year and |
| :--- | :--- |
| English Literature | Senior Year |
| History or Government | Psychology |
| Economics | History |
| Philosophy | Political Science |
| One elective | Sociology |
|  | Logic |
|  | Ethics |

Sophomore Year Junior Year and
Senior Year
Psychology
History
Political Science
Logic
Ethics

## III. Preparation for the Study of Theology

The completion of a standard college course and the acquirement of the corresponding degree is required by most theological schools. Majors in English, Philosophy, or History are regarded to be the most desirable.

## IV. Preparation for Teaching

The courses in education given in the college department are intended to qualify the student to receive the "Provisional College Certificate" issued by the Department of Public Instruction, Commonwealth of Pennsylvania. This certificate enables the holder to teach for three years in any public high school of the Commonwealth the subjects indicated on its face. The applicant must be a graduate of an approved college or university and must have successfully completed at least eighteen semester hours of work of college grade in education distributed as follows: Introduction to Teaching, 3 semester hours; Educational Psychology (General Psychology is a prerequisite), 3 semester hours. Practice Teaching in the Appropriate Field, 6 semester hours. Electives in Education, 6 semester hours selected from the following list: Secondary Education, Special Methods, School Hygiene, Educational Administratoin, Educational Measurements, Educational Sociology, History of Education, Principles of Education, Educational Psychology, Technique of Teaching.

It is also possible for the student to qualify for high school teaching in other states by adapting his electives in education to include the subjects required. For details of these requirements consult the University Office where the requirements are kept on file.

## V. The 3-2 Engineering Plan

Lincoln University has entered into an agreement with Lafayette College, Easton, Pennsylvania, to provide engineering training.

This plan provides for three years of study at Lincoln University where liberal arts subjects are taken along with pre-engineering courses in mathematics, science and related subjects. The last two years are spent at Lafayette College where the engineering requirements are completed.

At the end of five years, the student receives both a bachelor's degree from Lincoln University and an engineering degree from Lafayette. The disadvantages of specialization inherent in a fouryear engineering education are greatly minimized by such an arrangement.

Courses available through this arrangement are: Administrative Engineering, Civil Engineering, Chemical Engineering, Electrical Engineering, Mechanical Engineering, Metallurgical and Mining Engineering.

It is assumed that a student interested in becoming an engineer will come to Lincoln University well prepared in the fundamental subjects of mathematics, chemistry, and physics. The curriculum of the student will be laid out for him, so that there will be little opportunity for elective courses.

The sequence of courses is approximately as follows:

| Freshman Year | Sophomore Year | Junior Year |
| :--- | :--- | :--- |
| English Composition | English Literature | Differential Equations |
| German or French | German or French | Physical Chemistry |
| Bible | Analytic Geometry | or Electricity and |
| Analytic Geometry | and Calculus | Magnetism |
| and Calculus | Intermediate Calculus | Economics |
| Inorganic Chemistry | Analytical Chemistry | Speech or General |
| Physical Exercise | or General Physics | Psychology |
|  | Engineering Drawing <br>  <br>  <br>  <br> $\quad$Onysical Exercise elective |  |

Students interested in Civil, Mining, or Metallurgical Engineering also must complete a course in Geology.

## VI. Preparation for Social Work

Students interested in preparing for positions in the field of social work are advised to schedule their courses in the sequence listed below. It is the Lincoln philosophy that such students be prepared to enter this field equipped with social vision and knowledge so that they will view social work not only as a job to be well done but also as an opportunity to contribute to and participate in the social reconstruction of our contemporary life.

Freshman Year
English 101-02
Foreign Language
History
Bible
Science or Mathematics

Sophomore Year
English 201-02
Economics
Sociology
History
One elective

Junior Year and
Senior Year
Sociology
Psychology
Philosophy
Political Science
Economics
Ethics
History

## VII. General Business

Students interested in a career in Business may complete a major in that field. The program of studies will require the completion of 24 semester hours of credit in courses in Business, inclusive of Economics 201-202, in addition to the basic course, Principles of Accounting. A suggested program of studies is the following:

Freshman Year
English Composition Introduction to Mathematics Foreign Language Religion Physical Education Elective

Sophomore Year
English Literature Principles of Economics Principles of Accounting Foreign Language History or Sociology Physical Education

Junior Year and Senior Year
Two courses in Business and three electives.

## VIII. General Science

The program in General Science is designed for those particularly interested in high school teaching of science and mathematics, serving as industrial and medical laboratory technicians, or as scientific aides in government. To satisfy the requirements for this major, a student must complete the basic courses in mathematics, biology, chemistry and physics, and an additional 12 semester hours in one of these fields.

## Academic Regulations

## ELECTION OF COURSES

Before making a final choice of courses, all students should consult the instructor in charge of their major study, and in case of any doubt, the instructors in charge of particular courses as well. Electives should be chosen in accord with the plan suggested by the major study and in keeping with the cultural interests of the student. Care must be exercised to avoid conflicts between mutually exclusive examination groups.

Attention should also be given to the following regulations.

1. No credit will be given for any course unless it is properly scheduled in the office and recorded at the beginning of the semester.
2. If for any reason a student drops a course without obtaining the consent of the instructor and the Dean of the College, he will be marked 5 in that course.
3. A student may be dropped from a course at any time upon recommendation of the instructor and with the consent of the Dean of the College. The grade in such cases will be determined by the special nature of the case.
4. If a student is compelled to withdraw or drop courses because of illness or conditions beyond his control, he will be marked withdrawn.
5. A student may not absent himself from a term examination without a written permit from the Dean of Students. Upon presentation of such a permit a student is allowed to take the examination at a later date without fee. If he fails to take it then, he must either repeat the course or lose credit. A student who absents himself without procuring a permit will be marked 5 .
6. The normal minimum load is 12 semester hours. Freshmen may carry a maximum of 17 hours per semester. Other students may carry a maximum of 18 hours, with the provision that a student with an average of 2.20 or better during the previous semester may carry hours in excess of 18, with the approval of the Dean of the College.
7. Changes may be made in the selection of courses up to and including the fourth calendar day after the beginning of the semester. Thereafter changes may be made only with the approval of the Dean of the College and the instructor concerned.
8. Students transferring to the College Department of Lincoln University will be held to the requirements for the degree. They will not be exempt from the major in which at least twelve hours must be taken at Lincoln University, nor from the laboratory science and its prerequisites or the requirement in foreign language. No exceptions will be granted to these regulations save by vote of the Faculty upon recommendation of the Committee on Admissions.

## REQUIREMENTS FOR MAJOR STUDIES

1. Students will confer with the major supervisor (usually the
departmental head or the division chairman) during their fourth semester in college and must file the major card in the Registrar's Office before the end of the fourth semester.
2. Application to major must be in writing on cards provided by the College Registrar. The program of courses for remaining semesters, approved by the major supervisor, as counting specifically toward the major, must be listed on these cards.
3. The normal load expected for a qualifying major is twentyfour semester hours (above the basic course).
4. At the discretion of the major supervisor, a maximum of six hours of work, taken in related fields, may be credited toward the major.
5. Responsibility for filing credentials as a major rests solely with the student.
6. Once accepted as a departmental major, a student has a right to remain as a major in the same department so long as he continues in college.
7. A student may change his departmental major only with the consent of the Dean of the College and the department concerned.
8. Student candidates may be rejected by any department for scholastic reasons only.
9. The average necessary for consideration as, and completion of, a departmental major, must not be less than "third group" in the major. Exceptions to this scholastic average may be made only with the consent of the Dean of the College.
10. Major supervisors shall merely advise students regarding elective courses. The elective privileges of the student should not be abridged.
11. Students shall consult their major supervisors during the last two weeks of each semester in college. The purpose of such consultation is that of reviewing, carefully, the student's program of courses.
12. Comprehensive examinations in the major, for Seniors only, shall be held during the week preceding the final examination period. These examinations may be written or oral, or both.
13. The passing grade in the comprehensive examination is Group 3.
14. Examinations should be subjective and objective, or subjective only.
15. Candidates who fail may, with permission of the major su-
pervisor, be re-examined at a date later than Commencement of the current year.
16. A special fee of $\$ 5.00$, payable to the College, will be charged for this re-examination.

## EXAMINATIONS

Two series of stated examinations are held each year, one, the mid-year examinations in January, and the other, the final examinations in May.

Special examinations are held as soon as possible after the beginning of each semester. They are open to students who have received special permission for absences from examinations from the Dean of Students.

Mid-semester tests are held during each semester. These are primarily for the sake of general guidance and assist both the student and the teacher in determining the general progress achieved at this mid-way point of the term.

GRADES, CREDIT, AND ADVANCEMENT
The student's performance in a course is rated according to the following grades: 1, excellent; 2, good; 3, fair or average; 4, poor; and 5, failure. The mark Incomplete is given only when the student has obtained in advance permission of the instructor to postpone for a short time the submission of certain outstanding work which must be turned in before a specific grade can be reported. Under the regulations of the Faculty, outstanding work that is not completed within three weeks after the end of the semester automatically becomes a 5 .

It is suggested that the distribution of students according to groups should be as follows: Group 1, not more than 10 per cent of the class; Group 2, not more than 20 per cent; and Group 3, not more than 50 per cent.

The general group standing of a student, and consequently his rank in his class, is determined by muitiplying the numerical grade reported for each course by the number of hours per week the course is given, and then dividing the sum of the products by the sum of the multipliers. The quotient will indicate the general group of the student in question. The limit for the first general group in 1.30; for the second general group, 2.20; for the third general group, 3.20; and for the fourth general group, 4.20.

When the semester closes the grades made are entered on the records, and will not be altered nor recomputed because of any work the student may complete subsequent to the semester in question.

The Freshmen and Sophomores constitute the lower classes; the Juniors and Seniors the upper. No Freshman will be advanced to the Sophomore class until he has passed his assigned work in physical education, and satisfied all entrance deficiencies. At the end of the Sophomore year the record of all students will be carefully examined, and only those who have a general average of group 3 and who show promise of future development will be advanced to the upper classes.

## CLASSIFICATION OF STUDENTS

Students are classified as follows:
Freshmen: those who have completed 27 semester hours or less.
Sophomores: those who have completed more than 27 semester hours, but less than 60 semester hours.

Juniors: those who have completed 60 semester hours, but less than 90 semester hours.

Seniors: those who have completed more than 90 semester hours.
Unclassified: students who have transferred from other colleges, but whose advanced credit has not yet been evaluated; and students who are pursuing studies at the University, but are not candidates for a degree.

## REGULATIONS FOR THE CONTROL OF ABSENCES

Lincoln University uses the class method of teaching rather than the tutorial system. The class system of teaching assumes that each student has something to contribute to and something to get from a class. It further assumes that there is much more instruction absorbed in the classroom than can be tested on examinations. Therefore:
(1) Students are expected to attend all regularly scheduled class meetings, and should exhibit good faith in this regard.
(2) It is not sufficient for a student to merely pass the examinations which are conducted in course.
(3) The instructor in each course will make whatever regulations regarding absences he sees fit, in order to guarantee the satisfactory conduct of that course. A knowledge of these regulations should be made clear to all students at the be-
ginning of each semester. All controls are subject to the general regulations of the College Faculty and should be filed with the Dean of the College.

PROBATION AND DISMISSAL
It is not the policy of Lincoln University to cooperate with students after it has become evident that they are either unwilling or unable to maintain reasonable standards of work.

Academic probation is incurred when freshmen and sophomores fail to maintain a cumulative average of 3.35 and juniors and seniors 3.20 , at the close of any semester. The student will be notified of his status in writing by the Dean of the College.

A student may remove this probationary status by raising his cumulative average to 3.35 for freshmen and sophomores, or 3.20 for juniors and seniors. Probationary status must be removed within one year after notice of probationary status.

Freshmen and transfer students admitted on probation because of their previous record, may carry not more than 14 semester hours of work each semester of their first year.

Advanced freshmen, sophomores, juniors and seniors who are placed on probation for poor scholarship either semester of an academic year, may carry not more than 14 semester hours the following semester.

Students on probation may not participate in any extra-curricular activities and are subject to any remedial measures deemed necessary by the Committee on Academic Standing.

Students on probation must discuss their progress with a member of the Committee on Academic Standing after the mid-semester grades have been reported.

Students who fail to remove the probationary status may be suspended for one semester, or dropped. A review of individual cases will be made by the Committee on Academic Standing at the end of each semester, and the student will be notified accordingly.

Re-admission after academic suspension shall be granted only upon written application by the student to the Committee on Academic Standing and approved by the committee in writing.

Students who fail as many as three courses in any semester with three different instructors are not allowed to continue. The failures leading to this dismissal must amount to 50 per cent of the student's total load. This rule will apply to freshmen at the end of their second semester of residence only.

If a student accumulates twenty semester hours of failing grades, he will not be allowed to continue.

## REQUIREMENTS FOR GRADUATION

Effective September 1958, the courses required of all candidates for the degree are as follows:

Semester Hours

## Humanities:

English Composition ................................... 6
Literature .................................................. 6
Religion and/or Philosophy ........................... . . . 6
Foreign Language . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6-12
Introduction to Music .................................... . . 2
Outlines of Art History ................................ . . . 2
Natural Science or Mathematics .......................... . . 6
Social Studies (in at least 3 different departments) .... 12
Physical Education ....................................... 4
A student may have the requirement in art or music waived by taking an examination given by the respective department in either the student's Freshman or Sophomore year.

Each candidate for graduation must complete a major in a field of study, and not less than 128 semester hours, with a general group standing of not less than 3.20 . The work is to be spread over a period of eight semesters, during each of which a minimum of 12 hours must be successfully completed. Each member of the senior class is also expected to take the Graduate Record Examination.

Upon the satisfactory completion of these requirements, the student is recommended by the Faculty to the Board of Trustees for the degree of Bachelor of Arts. Diplomas are issued only at the June Commencement. A student may complete the requirements at the end of either semester, provided the last two semesters are spent in residence at the College.

## HONORS

Two Commencement honors are assigned: the Valedictory, to the person attaining the highest standing in the graduating class, and the Salutatory, to the person attaining the next highest standing. In order to qualify for one of these honors, a student must have been registered at Lincoln University as a regularly enrolled student for six or more semesters.

The degree is conferred magna cum laude on all who complete the requirements in Group 1; cum laude on all in Group 2.

## Courses of Instruction

Courses numbered 100 are primarily for freshmen; those numbered 200 are primarily for sophomores. Similarly, those numbered 300 are intended for juniors; those numbered 400 , for seniors. Although considerable privilege will be granted students in the upper college who wish courses in the 300 or the 400 groups, students may not elect courses above or below their college level without special permission. The curriculum is divided into the lower level (freshman and sophomore courses) and the upper level (junior and senior offerings).

Courses designated by one number are semester courses (odd numbers are employed for courses given in the first semester, and even numbers for courses given in the second semester).

Year courses are designated by an odd number and an even number separated by a hyphen.

The credit allowed for each course is indicated in semester hours.
Courses are distributed into three major divisions as follows:
I. The Humanities.

English
The Classics
The Modern Languages
Music
Art
Philosophy
Religion
II. The Natural Sciences and Mathematics.

Biology
Physics
Chemistry
Mathematics
(Pre-Engineering Courses)
1II. The Social Sciences.
Economics and Business
Sociology
History
Political Science
Education
Psychology
Physical Education
For regulations concerning electives and major studies see page 30.

## Division I

## The Humanities

Messrs. Farrell, Hill, Grubb, Kuehner, Suthern, Waring, Keefe, Schwartz, Mrs. Beardsley, Hellman, Smith, Putnam, Mrs. Rivero, Mrs. Hellman
The division of the Humanities comprises the courses in English, Ancient Languages, Modern Languages, Music, Art, Philosophy, and Religion.

The objectives of the Humanities Division at Lincoln University are as follows:
I. To acquaint the student with the cultural heritage of Western civilization as it has expressed itself in literature, the arts, religion, and philosophy; and, in the degree compatible with this aim, to make him aware of the relation of Western civilization to the other world civilizations.
2. To instill, through the ordered scrutiny of significant products of the human intellect and imagination, an awareness of the dignity and of the potentialities of man.
3. To sensitize the student in his dealings with the world of nature and with fellow human beings.
4. To equip the student for a mature and critical ordering of human values.
5. To develop the arts of communication, with special and constant emphasis upon precision and coherence of thought and expression.

## ENGLISH LANGUAGE AND LITERATURE

Messrs. Farrell, Hill, Hellman, Smith, Putnam, Mrs. Rivero, Mrs. Hellman
101-102. English Composition.
Credit: Six hours
A course consisting of a review of the principles of grammar, and a complete study of composition and rhetoric, together with collateral readings. Students who have marked deficiencies in English may be assigned to a reading clinic for one semester.

201-202. English Literature.
Credit: Six hours
A survey of the history of English literature from the earliest times through the Restoration (first semester), and from the Romantic Movement to the present (second semester). Collateral readings and papers. Required of all Sophomores except those electing English 207-208.

203-204. Advanced Composition.
Credit: Six hours
Designed primarily as a laboratory for students who are already well-
grounded in the principles of composition, this course requires development of facile skill in the major forms of prose. Research in the technical aspects of these forms is required.

207-208. General Literature.
Credit: Six hours
This course endeavors to establish a broad development of the culture of the Western World as observed, principally, in the literature from the Ninth Century before Christ to the present era. The approach will be both historical and aesthetic, correlating music and art with the literature. Laboratory work supplements the regular recitations.

Conducted by members of the instructional staff of the Humanities Division.
Text: Writers of the Western World, by Hibbard.
(Interchangeable with English 201-202 for meeting the major requirement.)
301-302. American Literature.
Credit: Six hours
A survey course in the history of American literature. In the first semester the literature from the settlement of North America to 1870 is covered; in the second semester the literature from 1870 to the present is covered, including major contemporary writers (except dramatists). Periodic papers are required.

## 305-306. 17th and 18th Century Literature.

Credit: Six hours
A study of the major prose and poetry of the period with special attention to Donne and the Metaphysical poets, the Cavalier poets, Milton, and Dryden. In the second semester a study of the Augustan Age, emphasizing the contributions of Defoe, Addison, Steele, Swift, Pope, Dr. Johnson and his circle, will be given.

307-308. 19th Century Prose and Poetry.

## Credit: Six hours

A survey of the essay in English literature, through the works of Carlyle, Ruskin, Arnold, Borrow, Bagehot, Pater and others. In the second semester, a careful study of the later poets of the nineteenth century, from Tennyson and Browning to Thomson. Special attention will be given to the Pre-Raphaelites.

309-310. Journalism.

## Credit: Six hours

A laboratory course in the development of journalistic techniques. Reporting, feature writing, editorial writing, layout, and makeup are stressed through the study of representative newspapers and magazines. Application of theory by participation in editing and publishing The Lincolnian is required. (Special emphasis in creative writing, second semester.)

401-402. Shakespeare and His Contemporaries.
Credit: Six hours
A study of at least twenty plays, including a detailed analysis of six, with a survey of the life and times of Shakespeare, constitutes the work of this course.

During the second semester, the further development of Shakespeare as a dramatist is stressed. Special attention is given to the drama of the period to
the closing of the theatres in 1642. Among the authors studied for brief comparison only are Jonson, Marlowe, Webster, Beaumont, and Fletcher.

403-404. Fiction in English and American Literature.
Credit: Six hours
A survey of major novels and short stories which emphasize the history of these art forms and the development of their techniques and trends. British and American works are studied primarily; continental works are studied for comparison. Lectures on the selected authors and their contributions to the development of the art forms, analyses of their representative works, and the writing of research papers constitute the work of the course.

## 405. Contemporary Literature.

Credit: Three hours
A brief review of the contemporary writers of British and American Literature from the World War I to the present. Although some contemporary novelists are included, emphasis is placed on contemporary poetry.

## 406. Contemporary Drama.

Credit: Three hours
This course, tracing the origins and development of modern drama from the 19th century to the present, is devoted to the study of the major playwrights of the Continent, of the British Isles, and of America. Special emphasis is laid on the theatrical as well as the literary significance of the plays.

## SPEECH

103-104. Argumentation and Public Speaking.
Credit: Six hours
During the first semester the principles of argumentation and debate are studied. Special attention is given to the composition and delivery or arguments, to group discussions and investigations.

Fundamentals of speech, voice, diction, and gesture are emphasized in the second semester. Training in vocal techniques is made possible through voice recordings from model records and from records of each student. Laboratory work supplements the regular recitations.

209-210. Dramatics (Acting and Directing).
Credit: Six hours
The essentials of acting and play production. Through lectures, but more specifically through laboratory work, a basic knowledge of dramatics is established. Students are expected to participate in all productions of the Lincoln Players.

## ANCIENT LANGUAGES AND LITERATURES

## Mr. Schwartz

The aims of the classics department are to prepare the student for the study of any language and, in particular, to express himself more articulately in his own language. To these ends, attention is directed to (a) the structure of language in general, and the position of the classical languages in the Indo-

European language family; and (b) readings and book reports on the literatures of the languages under study. Majors in classics will be required to take 24 credit hours in language courses beyond the elementary course. History 201-202 (Ancient Civilization) must be taken by majors. Students preparing to teach or enter upon graduate study in classics must take courses in latin prose composition and teaching methods.

## LATIN

## 101-102. Elementary Latin.

Given each year.
Credit: 6 hours
The mastery of forms, vocabulary, and syntax; principles of language study; Latin derivatives in English. Early in the second semester students will translate selections from Caesar.

## 201-202. Intermediate Latin.

Given each year.
Credit: 6 hours
In the first semester a rapid review of the grammar will be followed by selected readings in prose, poetry, and inscriptional material from the entire range of Latin literature. The second semester will be devoted to Vergil.

## 301-302. Medieval Latin and Horace.

Given on demand.
Credit: 6 hours
In the first semester the range of reading selections will be from late classical writers through patristic literature to the Latin poetry of John Milton. The second semester will be devoted to Horace.

## 401-402. Plautus and Terence.

Given on demand.
Credit: 4 hours
409-404. Advanced Latin.
Given on demand.
Credit: 6 hours
Readings in Latin authors to meet the interests and needs of major and/or Latin prose composition.

405-406. Seminar.
For majors.

## GREEK

## 101-102. Elementary Greek.

Given each year.
Credit: 6 hours
The mastery of forms, vocabulary, and syntax; principles of language study; Greek derivatives in English. Early in the second semester students will translate selections from the New Testament and from Xenophon.

## 201-202. Intermediate Greek.

Given each year.
Credit: 6 hours
In the first semester a rapid review of Attic grammar will be followed by selected readings from Xenophon, Herodotus, Plato, and the lyric poets. The second semester will be devoted to Homer.

## 301-302. Greek drama.

Given on demand.
Credit: 4 hours
Plays by Sophocles, Euripides, and Aristophanes will be read.

## 401-402. Advanced Greek.

Given on demand.
Credit: 6 hours
Readings in Greek authors to meet the interests and needs of majors.
405-406. Seminar.
For majors.

## INDO-EUROPEAN

## 401-402. Sanskrit.

Given on demand.
Credit: 8 hours
A brief study of forms and syntax will be followed early in the first semester by translation of selections from Lanman's Sanskrit Reader. The second semester will be devoted entirely to Lanman's Sanskrit Reader. Throughout the course comparison will be drawn between Sanskrit and the other Indo-European languages. Classics majors are encouraged to take this course for credit towards the major. Other students only by permission of the instructor.
403-404. Hittite.
Given on demand.
Credit: 6 hours
The cuneiform orthography of Hittite will be mastered and the hieroglyphic variant examined. Entry into the course only by permission of the instructor.

## NON-LANGUAGE COURSES

## 301. The Greek and Latin elements in English.

First semester.
Credit: 3 hours
Recommended especially for pre-professional students who have had no Latin and Greek. Given in alternate years. Not given in 1959-1960.
302. Introduction to Linguistics.

Second semester.
Credit: 3 hours
Bloomfield, Language. A study of current linguistic theory; a survey of the principal language families of the world, ancient and contemporary. Given in alternate years. Not given in 1959-1960.

## 303. Greek literature.

First semester.
Credit: 3 hours
A history of Greek literature in translation, with readings from the major Greek writers. Given in alternate years. Not given in 1958-1959.
304. Latin literature.

Second semester.
Credit: 3 hours
A history of Latin literature in translation, with readings from the major Latin writers. Given in alternate years. Not given in 1958-1959.

## FRENCH LANGUAGE AND LITERATURE

Messrs. Waring and Kuehner

## 101-102. Elementary French.

Credit: Six hours
Basic grammar of the French language and systematic work in composition and reading. Oral work with the use of records.

201-202. Intermediate French.
Credit: Six hours
Review of French grammar and advanced work in written composition and reading.

301-302. Advanced French.
Credit: Six hours
Survey of French literature from the Middle Ages to the end of the 19th Century. Outside reading.

305-306. French Civilization.
Credit: Six hours
This course is organized largely on a seminar basis. Students bring in reports, which aim to cover the outstanding facts about such subjects as the geography of France, French history, literature, language, politics, art, science, etc. They are encouraged to speak in French. In addition, there are systematic reading assignments in a textbook on French civilization.

401-402. French Literature.
Credit: Six hours
The following courses may be given as needed:
a) Medieval French literature
b) The literature of the Renaissance
c) French classicism
d) Survey of 18 th Century literature
e) French literature in the 19 th Century
f) French poetry in the 19 th Century

405-406. French Composition and Dictation.
Credit: Six hours

GERMAN LANGUAGE AND LITERATURE
Mr. Kuehner
101-102. Elementary German.
Credit: Six hours
Grammar, easy reading, dictation.

201-202. Intermediate German.
Credit: Six hours
Reading of modern German texts, and gxammar review.
301-302. Advanced German.
Credit: Six hours
Advanced grammar, dictation, and reading.

# SPANISH LANGUAGE AND LITTERATURE <br> Mr. Grubb and Mrs. Cornwell 

101-102. Elementary Spanish.
Credit: Six hours
For students who have had no Spanish. The elements of grammar and reading, with some conversation.

201-202. Intermediate Spanish.
Credit: Six hours
Prerequisite: one year of college or two years of high school Spanish. Review of grammar; dictation, reading, and conversation.
301-302. Advanced Spanish.
Credit: Six hours
Prerequisite: two years of college or three years of high school Spanish. Reading of several masterpieces of the literature; conversation natural to every-day scenes and situations; composition at a fairly advanced level; dictation.

## MUSIC

Mr. Suthern
The courses in the department of music are designed to (1) provide a foundation and a basis for graduate study in musicology, music literature and theory; (2) to give the student a survey of music literature and its importance in our culture; (3) to provide through group participation a practical acquaintance with many phases of choral music.

101-102. Appreciation of Music.

## Credit: Six hours

An introduction to the fundamentals of music and a survey of the periods of musical history of Western Civilization, with musical illustrations of representative works from the periods. Musical illustrations are learned from recordings and demonstration by line performance.

109-104. Choral Music.
Fundamentals of choral technique and a sizeable repertoire of choral music learned by practical work. Course open only to members of the University Glee Club and Choir.
105. Masterpieces of Operatic Literature.

Credit: Three hours
A study of the development of opera, and of important opera composers and some of their representative works. Musical illustrations are learned from recordings.
106. Masterpieces of Symphonic Literature.

Credit: Three hours
A study of the development of the symphony and of important composers and their representative works. Musical illustrations are learned from recordings.
107. Masterpieces of Keyboard Literature.

Credit: Three hours
A study of the development of significant literature for piano and organ; representative composers and their works. Musical illustrations learned from recordings and live performances.

## 108. Masterpieces of Vocal Literature.

Credit: Three hours
A study of the development of literature for the voice; representative composers and their works. Musical illustrations are taken from recordings.
201.202. Elementary Theory of Music.

Credit: Six hours
Instruction in harmonization of melodies, both written and keyboard. Simple rhythms, tonal relationships-melodic and harmonic-including scales, intervals, triads and their inversions, figured bass technique, seventh chords and their inversions, non-harmonic tones, simple modulations, simple analysis and form, and original work in the elementary forms. The ability to read music and simple pianistic ability are required.

203-204. Church Music. A Course organized for Seminary students but also available for College students.
(Given each year)
A course designed to aid the understanding of the problems pertinent to the use of music in worship. The course deals with the practical problems of finance, volunteer choirs, youth choirs, technics of conducting, soloists, the organist, and the choral director.

## 301-302. Advanced Theory of Music.

Credit: Six hours
Essentials of advanced harmony, chromatic alterations, modulations, analysis of masterworks and original compositions; keyboard. Prerequisite: Theory of Music 103-104.

## 309. Counterpoint.

Credit: Three hours
The study of the art of combining melodies and of the various combinations which can be made without losing their individuality as melodies.
304. Form and Analysis.

Credit: Three hours
The analysis of the structural designs of music, song forms, sonata forms,
symphony and fugue. Harmonic structure, and stylistic analysis of representative works from various periods, with the application of the formal analysis to the problem of interpretation.

401-402 The History of Music.
Credit: Six hours
A survey of the history of music in western civilization from its inception to the present. The first semester places great emphasis upon the period of the Renaissance and the Baroque. The second semester begins with the Classic period and continues to the present. Prerequisite: Music 101 or 102.

> ART
> Mr. Hill

201-202. Art Appreciation.
Credit: Four hours
203. Outlines in Art History.

Credit: Two hours

## PHILOSOPHY

## Mrs. Beardsley

The work of the philosophy department is designed primarily to help students think more reflectively and more critically about a wide range of fundamental questions. Courses provide an acquaintance with significant philosophic answers to these questions, and give opportunities for students to work toward finding their own answers. Since philosophic questions may arise in connection with any aspect of human experience and knowledge, it is hoped that students majoring in all fields will elect and take active part in courses in philosophy.
Majors in philosophy are required to complete 24 semester hours in addition to Philosophy 201-02. Six of these hours may be taken in related fields upon consultation with the major professor.

201-202. Introduction to Philosophy.
(Given each year)
Credit: Six hours
An introductory survey of the field. Basic philosophic questions concerning knowledge and reality are studied. Leading world-views such as theism, idealism, and naturalism are examined. Some acquaintance with problems in ethics, philosophy of science, and other special branches of philosophy, is provided.

## 203. General Logic.

(Given each year)
Credit: Three hours
A study of the basic principles governing clear and correct thinking, with emphasis on the practical application of these principles to the student's own reading and writing. Elementary work in semantics, deductive (traditional) logic, and inductive logic is included in the course.
204. Ethics.
(Given each year)
Credit: Three hours
Fundamental questions of ethics, and important classic and contemporary solutions to these problems are studied. Students are encouraged to apply the principles examined to personal and social ethical problems arising within their own experience.
301. Greek Philosophy,
(Given alternate years)
Credit: Three hours
A study of important ancient philosophers, with primary emphasis on the works of Plato, Aristotle, and Lucretius.
302. Modern Philosophy.
(Given alternate years)
Credit: Three hours
The history of Western philosophic thought from the Renaissance into the nineteenth century. Classic works by leading thinkers of this period are read.
303. Twentieth Century Philosophy.
(Given alternate years)
Credit: Three hours
An initial survey of some nineteenth century developments in intellectual history, followed by a study of leading philosophers of the present century, such as Bergson, Dewey, Russell, Whitehead, and others.
304. Philosophy of Religion.

Credit: Three hours
Basic problems concerning the relations between God, man, and the world, and concerning the nature of religious knowledge, are explored.
306. Philosophy of Science.

Credit: Three hours
An examination of scientific methods, presuppositions, and concepts. Philosophic problems arising in connection with the growth of the natural and social sciences are studied.

The following courses may be offered as needed:
307. Aesthetics.
308. Elementary Symbolic Logic.
309. American Philosophy.
310. Philosophy of History.

## 311. Philosophic Ideas in Recent Literature.

## RELIGION

## Mr. Keefe

The main objective of the department is to educate the student in the Christian faith and tradition by offering basic training in the Bible as the primary Christian textbook, and in its historical background. The course should broaden his acquaintance with both historic and contemporary moulders of Christian thought and practice and help him to interpret the Christian's relation to social and personal problems. An endeavor will be made to acquaint the student with the various religious philosophies in present-day life, with the psychology of religious experience, and with other religions of the world.

In addition to the following courses, majors in religion are requested to take additional courses in related fields. Students should consult the professor for instruction regarding preferred related subjects.

## 101. Religion of the Old Testament.

Credit: Three hours
The religious history of the Hebrews from 2000 B.C. to the Christian era, with special emphasis on conceptions of God and man. Attention is given to the influence of social and political history on Hebrew religion and ethics.
102. The Beginning of Christianity.

Credit: Three hours
The historical background of the New Testament. The life and teachings of Jesus and their significance for Christians today. The religious experience and community life of lst century Christians, with special emphasis on the life and thought of Paul.

## 201. Christian Biography.

Credit: Three hours
A study of the development and spread of Christianity as seen in the lives of some of its leaders, such as Augustine, Bernard of Clairvaux, Abelard, Francis of Assisi, Luther, John Wesley, William Carey, John R. Mott, and Albert Schweitzer.

## 202. Christian Ethics.

Credit: Three hours
A study of the ethics of Jesus, St. Thomas Aquinas, Calvin, Luther, John Bennett, and Reinhold Niebuhr. Special attention will be given to the challenge of contemporary culture to Christian ethics.

## 301. Early Christian Thought.

Credit: Three hours
A survey of Christian thinking to the 13th century. Special attention will be given to the influence of Greek philosophy, the formation of the creeds, and the thought of Augustine and Aquinas.

## 302. Modern Christian Thought.

Credit: Three hours
A survey of Christian thinking from the Reformation to the present day. Attention will be given to the development of Roman Catholicism, Protestant orthodoxy and liberalism, and contemporary expressions of Judaism and Christianity.
304. The Psychology of Religious Experience.

Credit: Three hours
A study of the psychology of religious experience. The religion of childhood, adolescence, prayer, conversion, and mystical experience.

## 305. The Philosophy of Religion.

Credit: Three hours
A study of philosophic positions, such as theism, humanism, existentialism, and others. Basic problems concerning the relations between God, man, and the world and concerning the nature of religious knowledge, are explored.

## 401. Non-Christian Religions.

Credit: Three hours
The historical development and chief writings of ancient and modern religions, stressing Hinduism, Buddhism, modern Zoroastrianism, Confucianism, Taoism, Shinto, Islam, and such faiths as the religion of power and Communism. A comparison of these with the Judaeo-Christian tradition.

## 402. Seminar in Religion.

Credit: Two or Three hours
Selected topics in religion, philosophy, and science and their inter-relationships. Admission by permission of the instructor.

## Division II

## The Natural Sciences <br> Mathematics <br> Pre-Engineering

Messrs. Grim, Cole, Rudd, Johnson, Hall, Frankowsky, Mapp, McIntosh, Rasmussen, Anderson, Tsai

The Division of Natural Sciences and Mathematics is constituted of the departments of biology, chemistry, physics, and mathematics.
The courses in the separate departments of the Division of the Natural Sciences and Mathematics are designed primarily to give professional training to men selecting a particular department for their major study and to furnish the more limited technical training required by students whose major study is in another department. In addition, men wishing to obtain a purely cultural survey of any of the natural sciences may, with the permission of the instructor, omit the laboratory work of the elementary courses in the field. Such men will be eligible for credit for the lecture work only and may not take advanced courses in the field without making up the elementary laboratory work. Furthermore, such a course taken without laboratory work is not acceptable for the fulfillment of the requirement for a course in Natural Science.

## BIOLOGY

Messrs. Grim, Hall, Mapp

## 101-102. General Biology.

## Credit: Eight hours

A course in biology introducing the student to the structure, physiology, and classification of life forms. Prerequisite to all the subsequent courses. Two hours lecture and two periods laboratory.

201-202. Mammalian Anatomy and the Comparative Anatomy of Vertebrates. Credit: Eight hours
During the first semester this course is concerned with the gross anatomy of mammals, using the cat as material for dissection. During the second semester the comparative anatomy of vertebrates is presented with special reference to the dogfish, perch, mud-puppy, turtle, bird, and man. Two hours lecture and two periods laboratory.

203-204. Botany.
Credit: Eight hours
A course devoted to the study of general structures and physiology of plant life, the fundamental histories of the plant groups, with the identification of local flora by the use of the key. Two hours lecture and two periods laboratory.

205-206. General and Economic Entomology.
Credit: Eight hours
A general study of the structure and biology of insects with a survey of their classification for the first semester to be followed in the second semester with
a survey of the economic importance of insects and emphasis upon the control of insects. Two hours lecture and two periods laboratory.

## 301. Embryology.

Credit: Four hours
A course in chordate embryology comparative in the study of blastulation, gastrulation and organogeny. Two hours lecture and two periods laboratory.

The course in Embryology is followed during the second semester of alternate years by Courses 302 and 312.
302. Microbiology.

Credit: Four hours
A course devoted to the classification and physiology of typical microorganisms important in disease, agriculture, and sanitation. Two hours lecture and two periods laboratory.
303-304. Parasitology.
Credit: Eight hours
A course devoted to the consideration of mammalian parasites found in the protozoan, helminth and arthropod groups. Careful consideration is given to life history, control and treatment for the members of the above groups. Two hours lecture and two periods laboratory.

305-306. Histology.
Credit: Four hours
A course in normal mammalian histology. One hour lecture and one period laboratory.
307-308. Biological Techniques.
Credit: Eight hours
A course mainly histological, but including some of the techniques for parasitology, protozoology and blood work. Two hours lecture and two periods laboratory.
309-310. Physiology.
Credit: Six hours
A survey in general human physiology to meet especially the needs of premedical students. Two hours lecture and one period laboratory.

## 312. Genetics.

Credit: Four hours
A study of fundamental genetics that includes the mechanics and physiology of inheritance with simple problems in dominance, hybrid and sex ratios, backcrossing, linkage, and crossing over. Two hours lecture and two periods laboratory.

## CHEMISTRY

Messrs. Rudd, Johnson and Rasmussen
A major in Chemistry consists of at least 32 hours of Chemistry including Physical Chemistry 301-302, Physics 101-102, and Mathematics 202-202 and 301. General Chemistry $101-102$ is not designed for majors. Thus, prospective majors should take Chemistry 103-104. In exceptional circumstances stu-
dents having Chemistry 101-102 will be allowed to take Qualitative Analysis in summer school and will then be accepted as majors. A student planning to elect chemistry as his maior should consult the department early in his college career in order that his course of study may be properly planned.

## 101-102. General Chemistry.

Credit: Eight hours
The basic principles of chemistry are presented and illustrated with descriptive material. The course is intended as a terminal course. However, those who complete it may, with permission of the department, enroll in Qualitative Analysis in summer school or in Chemistry 104 at Lincoln for two hours credit. In either case they will then be admitted to advanced chemistry courses. Three hours lecture and two periods of laboratory.

## 103-104. General Chemistry.

Credit: Eight hours
The basic principles of chemistry will be presented and illustrated with descriptive material. The coverage is more intensive than in Chemistry 101-102. The second semester will include ionic equilibria and qualitative analysis. The course is prerequisite for all other courses in the department. Three hours lecture and two periods of laboratory.

## 201-202. Analytical Chemistry.

Credit: Ten hours
This is a year course devoted to the study of principles underlying gravimetric and volumetric determinatins, and instrumental analysis. The first semester may be counted as a half course by students not majoring in chemistry. Three hours lecture and recitation, and two periods laboratory. Prerequisites: Chemistry 103-104, Mathematics 103.

## 203-204. Organic Chemistry.

Credit: Ten hours
The principal classes of aliphatic, aromatic, and heterocyclic compounds are studied. Three hours lecture and recitation, two periods laboratory. Prerequisites: Chemistry 101-102, and for majors 103-104.

## 301. Physical Chemistry.

Credit: Four hours
The laws of thermodynamics are presented and applied to gases, solutions, and systems in chemical or phase equalibrium. Quantitative analysis, general physics, and two semesters of calculus are prerequisites. Three hours lecture and two periods laboratory.
302. Physical Chemistry.

## Credit: Four hours

The laws of thermodynamics and the principles of kinetic theory are applied to solids, liquids, colloids, surfaces, chemical reaction rates, and electrochemical phenomena. Physical Chemistry 301 is prerequisite. Three hours lecture and two periods laboratory.

## 303. Physical Chemistry.

Credit: Three hours
The structure of atoms, nuclei, and molecules are considered from the point of view of quantum theory. Experiments leading to the development of this theory are explained. Physical Chemistry 301 is a prerequisite for chemistry majors, but may be taken simultaneously. Physics majors may be admitted without Physical Chemistry 301. The course is highly recommended for those students planning to make chemistry their profession. Three hours lecture.
304. Advanced Inorganic Chemistry.

Credit: Three hours
The principles of physical chemistry are applied to inorganic systems. The emphasis in on the theory of valence and reactivity. Physical Chemistry 301 and 303 are prerequisite. The student must have had or be taking physical chemistry 302. Three hours lecture.
401. Qualitative Organic Analysis.

Credit: Four hours
A laboratory course designed to teach methods of identification of organic compounds and to train students in organic research methods. Two hours lecture and two periods laboratory per week. Prerequisites: Chemistry 103-104, 203-204.

405-406. Research.
Credit: Six hours
Independent laboratory and library work by the students, directed by members of the department. Will require about six hours per week of library and laboratory study. Restricted to senior chemistry majors with permission from department head.

## PHYSICS AND ASTRONOMY

## Messrs. Cole and Tsai

A major in physics consists of at least 32 semester hours in physics. Mathematics through differential equations is required and Chemistry 101-102 or 109-104 is recommended. A student planning to major in physics should consult with the department head promptly since some required courses are not offered each year. Physics 101-102 is a prerequisite to all physics courses except Physics 305 which may be elected by upper classmen with the permission of the department head.

101-102. General Physics.
Credit: Eight hours
Elective for all classes. A student who has not taken Mathematics 103 and 104 must elect them along with this course. First semester, mechanics, sound and heat. Second semester, electricity, light and modern physics. Three lecture hours and one laboratory period.

## 201-202. Electricity and Magnetism.

Credit: Eight hours
First semester, electric and magnetic fields, direct current measurements and instruments, magnetic characteristics of materials. Second semester, alternating currents and Maxwell's equations. Three lecture hours and one laboratory period.

## Light.

Credit: Four hours
A study of geometrical and physical optics, radiation and spectra. Three lecture hours and one laboratory period.
302. Sound.

Credit: Four hours
Nature of sound, wave theory, interference and diffraction. Three lecture hours and one laboratory period.

## 304. Heat.

Credit: Four hours
A study of heat, temperature and thermodynamics. The laboratory work includes measurements of specific heats, heat flow and radiation. Two lecture hours and two laboratory periods.
305. Elementary Astronomy.

Credit: Three hours
A course in descriptive astronomy illustrated by lantern slides and by use of the telescope. The observatory program includes a determination of the moon's orbit. Three lecture hours.
306. Photography.

Credit: Three hours
An elementary course in the theory and practice of photography. Two lecture hours and one laboratory period.

307-308. Electronics.
Credit: Six hours
The properties of vacuum tubes, semi-conductors and associated circuit elements are investigated. Laboratory work includes the construction and calibration of various electronic devices. Two lecture hours and one laboratory period.
401-402. Theoretical Mechanics.
Credit: Six hours
In this course the student is expected to solve numerous problems in mechanics. The methods of the differential and integral calculus are freely used and a few of the important differential equations are studied. Moments of mass and of area, moments of inertia, kinematics, kinetics, central forces, Kepler's laws and statics are among the topics from which problems are selected. There lecture hours.

## MATHEMATICS

## Messrs. Frankowsky, Cole and Anderson

The courses in the department of mathematics are designed primarily to fulfill the needs of a major in the field.

The major requirement in mathematics consists of twenty-four hours in courses beyond Mathematics 103-04. Students majoring in mathematics are required to take at least one year of physics and a course in logic.

All students of mathematics are required to follow what is considered the "Basic Sequence." This sequence consists of the courses Mathematics 103-04, 201-02, 301, and must be taken in this order. Under no circumstances will a student be admitted to any course unless its prerequisites are attained.

Students of the Physical and Chemical sciences should elect Mathematics 302 or 403 after the completion of Mathematics 301 if they feel the need for further instruction in the field.

All majors in mathematics and students in the allied sciences must consult their advisor prior to registering for any course in mathematics beyond the basic sequence.

## 101-102. Introduction to Mathematics.

Credit: Six hours
The subject matter of the course includes topic from the foundations of mathematics, algebra, trigonometry, coordinate geometry, calculus and statistics. Emphasis is on developing understanding of basic concepts rather than manipulative skill.

This course is not open to students of the physical sciences or to students planning to major in mathematics. It is considered a terminal course in mathematics for the student who intends to study only one year of college mathematics. However, an exceptional student of the course may substitute this course for Mathematics 103-104 if he desires to continue in the field. Both semesters must be taken to obtain credit. Prerequisites: One unit of algebra and one unit of geometry.
103. College Algebra.

Credit: Three hours
Functions and graphs; quadratic equations and systems of quadratic equations; ratio, proportion and variation; progressions; binomial theorem; elementary theory of equations; synthetic division; permutations, combinations, probability; determinants. Prerequisites: One unit of algebra and one unit of geometry.

## 104. Plane Trigonometry.

## Credit: Three hours

Measure of angles; trigonometric functions and their graphs, logarithms and exponential functions; radian measure; trigonometric identities and equations; solution of triangles; inverse functions; De Moivre's Theorem.

201-202. Analytic Geometry and Calculus.
Credit: Six hours

## First Semester:

The straight line; limits; continuity; derivatives of the algebraic functions with applications to velocity and rates, maxima and minima, curve plotting; differentials; Rolle's Theorem; Law of the Mean; the definite integral; differentiation and integration of sines and cosines; applications of integration to area, volume and distance.

## Second semester:

Length of a curve; area of surfaces; application of integration to Physics -moments, centroids, theorem of Pappus, radius of gyration, fluid pressure,
work; tangents and normals; conic sections; polar coordinates and plane areas in polar coordinates; differentiation and integration of the trancendental functions; elementary differential equations.
203. Elementary Statistics.

Credit: Three hours
Designed for students who need an elementaxy knowledge of statistics. The basic ideas of descriptive and inductive statistical methods are considered, including frequency distributions, descriptive measures, probability and sampling, prediction and correlation, index numbers and time series. (This course is not open to majors) Prerequisite: Math 101-102.

## 301. Analytic Geometry and Calculus.

Credit: Three hours
Hyperbolic functions; technique of integration; parametric equations; vectors; determinants; solid geometry and vectors. Prerequisite: Math 201-202.
302. Intermediate Calculus.

Credit: Three hours
Partial differentiation, multiple integration and their applications; series and expansion of functions in series; complex variables.

## 303. Introduction to Mathematical Statistics.

Credit: Three hours
Probability; empirical and theoretical frequency distributions of one variable; sampling; correlation and regression; goodness of fit. Prerequisite: Math 202.

## 401. Advanced Algebra.

Credit: Three hours
Elementary number theory; the Euclid Algorithm and its applications; elementary theory of groups, rings, integral domains and fields; matrices and determinants.

## 402. Theory of Equations.

Credit: Three hours
The complex number system; the fundamental theorem of the algebra; transformations; rational roots; Newton's method for integral roots; reciprocal equations; the cubic and quartic equations; theorems of Sturm and Budan; numerical approximations to the roots; Graeffe's methods.

## 403. Differential Equations.

Credit: Three hours
An elementary course in ordinary differential equations with applications to Geometry and Physics.

## 405-406. Advanced Calculus.

## Credit: Six hours

## First semester:

Vectors; differential and integral calculus of several variables; vector integral calculus (two dimensional theory).
Second semester:
Vector integral calculus (three dimensional theory); infinite series; Fourier

## Honor Courses in Mathematics

Prerequisite: Math 302 and 403.
Juniors and seniors majoring in mathematics or the physical sciences who have maintained a general academic average of at least 2.5 and an average of at least 2.0 in their course work in mathematics and who have the ability and need for work not included in the previously listed courses are permitted to register for these courses. The courses will be offered only if there is a sufficient number of candidates.
407. Introduction to Complex Variables.

Credit: Three hours
Algebra of complex numbers; definition and properites of analytic functions, conformal mappings, complex integration; Cauchy-Goursat Theorem, power series, Taylor's series and Laurent series; residues and poles.
408. Introduction to Numerical Analysis.

Credit: Three hours
Error analysis; finite differences; interpolation; numerical differentiation and integration; differential and difference equations; least squares and their applications.

## PRE-ENGINEERING

## 101. Engineering Drawing.

Credit: Three hours
Orthographic projections, auxiliary views, sections, standard dimensioning including limits, tolerances, and allowances, conventional representation of fastenings, detailing and assembly drawings. Required of Pre-engineering students.
102. Engineering Drawing and Descriptive Geometry.

Credit: Three hours
Continuation of preparation of detail working drawings and assembly drawings. Principles of pictorial drawing. Developments and intersections of geometric surfaces, and point, line and plane problems in descriptive geometry. Required of Pre-engineering students.

## 201. Geology.

Credit: Three hours
An introduction to physical geology with emphasis on its reciprocal applications.
For further details on pre-engineering see page 28.

## Division III

## The Social Studies

Messrs. Foster, MacRae, Rivero, Jones, Lukaczer, Cornwell, Jenkins, Washington, Gardner, Morrow, Ross, Merriam

The Division of the Social Sciences includes the courses in Economics, Sociology, History, Political Science, Psychology, Education, and Physical Education.

The Division of the Social Sciences aim to equip the student with an understanding of the civilization in which he lives and with the nature of those problems which arise as one studies the general scope and nature of society in its many aspects.

In advanced courses, an effort is made to cut across the related fields of social science in such a way as may utilize all of the resources of the division.

Efforts will be made to prepare students majoring within this division for civil service and for public life, with special attention to Public Administration. Specialization, however, will not deflect the student from understanding, generally, the working of modern society in terms of economic, political, race and class factors as viewed on an international as well as a national basis.

## GENERAL BUSINESS <br> Messrs. Washington and Merriam

The general business major covers offerings in the broad core curriculum of the business field. The purpose of this program is to acquaint the student with the fundamental principles of the various business areas. It is designed to prepare the student for future specialization in a particular area, for an understanding of his role in business employment, and to be a more competent citizen in our business-centered society.

The requirement for a major is twenty-four semester hours above the basic course (Elementary Accounting). In addition, students in this field must complete Elementary Economics 101-102.

## 201-202. Elementary Accounting.

Credit: Six hours
The basic concepts and procedures of accounting theory and practice: nature of accounting, the accounting cycle, special journals and ledgers, controlling accounts, procedures for payrolls, the voucher system, partnerships and corporations, and manufacturing accounts. Both semesters must be taken to obtain credit.

## 203-204. Personal and Family Finance.

Credit: Six hours
This is a general course designed to serve the needs of students in all departments. Students may enter either term.

Personal Finance aims to develop competence and the proper attitude in handling of individual and family monetary matters. Among the topics considered are: budgeting, consumer credit (sales and loan), bank accounts (savings and checking), uses of life insurance, property and health insurance, annuities, various forms of investments, problems of home ownership, and wills. (No credit toward a major in Business.)

301-302. Intermediate Accounting.
Credit: Six hours
Among the topics considered are: an analysis of the treatment applicable to each balance sheet account, matching costs with revenue, organization and dissolution of partnership, funds and related reserves, source and application of
funds, and a brief consideration of accounting for non-profit organizations. Both semesters must be taken to obtain credit.

303-304. Business Organization and Management.
Credit: Six hours
Nature of business, forms of business ownership organization, various functions of business, such as production, marketing, finance and controls will be examined during the first term.

The second semester deals with the principles of management common to all types of enterprise. Students may enter either term.

305-306. Business Law.
Credit: Six hours
Among the topics to be considered are: contracts, sales, negotiable instruments, agency, bailments, partnerships, and corporations.
401-402. Principles of Marketing.
Credit: Six hours
A general survey of the various functions of marketing, the channels of distribution, management and marketing policies.
Corporation Finance. See Economics 305.

## ECONOMICS

## Mr. Lukaczer

Requirements for a major in Economics: 24 semester hours in Economics in addition to Economics 201-202. Not in excess of six semester hours in related fields may be credited toward the major, if approved by the department head. Economics 201-202 is a prerequisite for other Economics courses unless exceptions are made by the department head.
201-202. Elementary Economics.
Credit: Six hours
A general survey of the principles of economics and their application to current economic problems.
301. International Economics.

Credit: Three hours
Theory of international trade; imperialism; free trade and protectionism; currency standards; exchange rates and fluctuations; exchange controls; international banking; contemporary problems.
303. National Income and Business Cycles.

Credit: Three hours
An analysis of cyclical fluctuations in national income. Study of economic data pertaining to business cycles; the structure and use of the national income accounts; the forces causing fluctuations in the levels of income, employment, production, and prices; leading theories of the business cycle and proposed remedies.
305. Corporation Finance.

Credit: Three hours
Organization of corporations; types of securities, recapitalizations, reorganizations, and combinations; government control of security issues and trading.

## 307. Comparative Economic Systems.

Gredit: Three hours
A comparison of the theory and operation of capitalist, socialist, communist, fascist, and mixed economies.
308. Development of Economically Underdeveloped Axeas.

Credit: Three hours
The economic status of underdeveloped areas, the causes of economic development, and the problems and difficulties involved.
309. Public Finance.

Credit: Three hours
A survey of federal, state and local taxation, expenditures, and debt management.
310. Money and Banking.

Credit: Three hours
An examination of the financial organization of our economy. The nature of money and credit; the role of commercial banks and other financial institutions; central banking and the Federal Reserve System; monetary policy as a means of economic stabilization; modern monetary theory.

## 311. Price and Distribution Theory.

Credit: Three hours
A study of the allocation of economic resources and the distribution of income by the price system. The course includes: an examination of the functions of the price system; an analysis of various market situations, including pure competition, pure monopoly, monopolistic competition and oligopoly; an examination of contemporary theory and theoretical controversy on the determination of wages, interest, rent, and profit.

## 312. Government and the Economy.

## Credit: Three hours

An examination of the relationship between economic life and the federal government. The course examines: the general nature of the relations between the government and the economy; government and agriculture; monopoly, free enterprise, and anti-trust activities; the nature and regulation of public utilities; government ownership, operation, conservation and planning; cooperative; and other selected topics.

## 313-314. History of Economic Thought.

## Credit: Six hours

The development of economic thought from the Old Testament to contemporary theory, leading to a deeper understanding of current economic theory and theoretical controversy, as well as current economic problems.

## 315. Labor Economics.

Credit: Three hours
This course deals with the theory of labor relations as well as with the prob-
lems of wages and working conditions, trends in trade unionism, and labor legislation.
316. American Economic History.

Credit: Three hours
A survey of the economic development of the United States from the colonial period to the present. The course is designed not only to examine the growth of American economic life, but also to impart a fuller understanding of the general history of the United States, to provide a background for the study of economic principles and problems, and to cast light on current economic trends and policies.
401. Advanced Economic Theory.

Credit: Three hours
An examination of special topics in economic theory, for advanced students in economics. Content of the course will vary with the interests of the students.

## 402. Seminar in Economics.

Credit: Three hours
Independent study of special topics in economics, for advanced students.
403. Selected Problems in Political Economy.

Credit: Three hours
"Political economy" is used in its older sense of a discipline intimately related to the science and art of government. The object is to identify and integrate the outlook of the political scientist and economist with respect to a number of national governmental issues including price support for agricultural commodities, and adequate medical care for Americans. Consideration is given to the Federal Government's present role in a particular field; how that came about; the proposals advanced for changing this role; the background of these proposals; the relationship of the Federal Executive, Congress, Congressional committees, pressure groups, and the public in the working out of an acceptable legislative solution; and the relative political strength of the forces involved. Prerequisite: Economics 101-02 in addition to Political Science 101.
404. Government and Economic Planning.

Credit: Three hours
The factors which have led to the assumption by major national governments of the function of central economic planning are described and analyzed as well as the nature of the planning organization, its place in the governmental structure and the techniques used, with particular reference to the United States and Great Britain. The problems encountered in economic planning, including the limitations imposed on economic policy by the political framework within which it must operate are illustrated by studying intensively one or two subject areas. Prerequisite: Economics 101-02 in addition to Political Science 101 .

## SOCIOLOGY <br> Messrs. Foster and Ross

## 201. Introduction to Sociology.

Credit: Three hours
This course deals with the basic facts of social life: heredity and environment, imitation and inhibition, social groups and institutions, communities, social change and disorganization.

## 202. Anthropology.

An introduction to the science of man and his work in the light of the findings of physical anthropology, cultural anthropology, archaeology, and linguistics.
301. Marriage and the Family.

Credit: Three hours
An introduction to the basics in the study of the family as a social institution, including the parent-child relationship and its influence on child growth and personality development, mate selection, marital adjustment, parenthood, and family disorganization.

## 302. Race Relations.

Credit: Three hours
A study of the race problem in the world with special emphasis upon race relations in the United States. Outlines, collateral reading, discussions, and term papers constitute the method of instruction.

## 303. Social Anthropology.

Credit: Three hours
An introduction to the description and analysis of whole societies, primarily from a structure-function frame of references, but with considerable emphasis also on the processes of socio-cultural change. Prerequisites: Sociology 202. Limited to 15 students. Permission of the instructor required.
304. Prehistory.

Credit: Three hours
An introduction to the foundations upon which all civilizations are based: the basic industrial and agricultural arts and the forms of social, economic, political, religious and aesthetic systems of prehistoric and early historical cultures. Prerequisites: Sociology 202. Limited to 15 students. Permission of instructor required.

305-306. Population Problems.
Credit: Six hours
An introduction to the basic factors underlying population problems throughout the world. Special emphasis is placed upon new world population problems. Collateral readings with the major emphasis upon discussions and term papers.
307. Criminology.

Credit: Three hours
The social aspects of crime and punishment, with special emphasis on the problems of crime prosecution. Prerequisite: Sociology 201.
308. Urban Sociology.

Credit: Three hours
An introduction to the study of urban society and the urbanization process with reference to the characteristics of the city, its ecology, institution, and problems.
309. Social Problems.

Credi: Three hours
This course covers the major areas of social disorganization in the contemporary world scene and the underlying historical and psychological factors
involved. Present day American maladjustments in the following areas: race relations, employment, education, health, housing, crime and delinquency.
310. Public Welfare Administration.

Credit: Three hours
The problems of relief and public assistance to underprivileged groups, with special attention to the social consequences of economic depression and of war. Prerequisite: Sociology 201.

## 401. Contemporary Social Theory.

Credit: Three hours
The course includes a brief sketch of basic social theory in ancient times and the middle ages. Upon this background is placed a more detailed analysis of modern and contemporary social theory covering all of the social sciences. The chief idea is to integrate the social disciplines through their several underlying approaches, techniques, and dominant theories.

## 402. Statistical Methods.

Credit: Three hours
A general introduction to the instruments and techniques of research in education and the social sciences. The student is helped to develop skill in interpreting statistical data as they occur in education and the social sciences. The major emphasis is placed upon the development of skill in the use of the various statistical measures and their application.

403-404. Survey Techniques.
Credit: Six hours
A detailed study of the principles and methods of conducting surveys, an analysis of some representative surveys, and a few applications of survey principles.

## 405-406. Case Techniques.

Credit: Six hours
The use of case methods in social research and social work illustrated by elemental practice in case methods. The method of instruction consists of the use of textbooks, analysis of representative case types, collateral reading, discussion, and practical applications.

407-408. Seminar.
Credit: Six hours
A seminar for seniors majoring in sociology or other social sciences, centering each year on a different topic of sociological interest, and designed to give each student control of the basic techniques of research design and preparation of research papers.

## HISTORY

Messrs. Jones, Ross, and Morrow
Requirements for a History major: Completion of 24 hours in history in addition to History 101-02. This must include History Methods 401-02. Of the remaining 18 hours, six may be chosen from among the following courses:

Philosophy 310-Philosophy of History; Political Science 301-Constitutional Law; Sociology 202-Anthropology.

In addition to the above requirements, History majors are advised to take a minimum of six hours in related Social Science courses.

101-102. Modern European History.
Credit: Six hours
The first semester covers the period 1500-1815, the development of Europe from the close of the Middle Ages to the Congress of Vienna. The second semester covers the period from 1815 to the present. This course is open to Freshmen, and is a prerequisite for all other history courses.

201-202. Ancient Civilization.
Credit: Six hours
The first semester covers the development of organized societies with particular emphasis upon Egypt, Babylonia, Persia, and Greece. The second semester covers the rise and fall of the Roman state. Prerequisite: History 101-02.
203. Peoples and Cultures of Africa.

Credit: Three hours
The physical environment, races, languages, and traditional cultures of African population are studied within an archacological and historical frame of reference as a basis for understanding their contemporary social, political, economic, and ideological problems.
204. The Negro in the New World.

## Credit: Three hours

The varying social adjustments of populations of African descent to the New World environment are studied in the light of their historical backgrounds.
205. Economic History of Europe.

## Credit: Three hours

The emergence of modern economic institutions in Europe beginning with the year 1750, stressing the growth of industry and the changes in agricultural techniques from that time to the present. The significance of important inventions is considered, along with the development of trade and commerce among European countries.
209. American Colonial History.

Credit: Three hours
The era of discovery and exploration in the New World is studied for the Western Hemisphere. After 1607 the emphasis is on the British colonies in North America, concluding with the American revolutionary victory of 1781.

## 301-302. Medieval Civilization.

Credit: Six hours
The first semester deals with the decline of Rome and the evolution of medieval society, emphasizing the basic characteristics of feudalism and the cultural life of Europe to 1200 A.D. The second semester covers the transition from medieval to modern society in Europe. Prerequisite: History 101-02.

303-304. History of the United States and Pennsylvania.
Credit: Six hours
The first semester covers the period from the first explorations to 1865 , with
emphasis on the following topics: the expansion of Europe in the 16th century, life in the colonies, the growth of American political institutions, and the sectional conflict. The second semester covers the period from 1865 to the present, with particular emphasis upon political and social developments.

305-306. History of England.
Credit: Six hours
The course traces the growth of English life from Anglo-Saxon times to the present, dealing with the major political, constitutional and economic developments of the country.
307-308. Diplomatic History of the United States.
Credit: Six hours
The courses traces the major developments in foreign policy and diplomacy from the time of the American Revolution to the present.

## 309. American Intellectual History.

Credit: Two hours
The main trends in the growth of American thought, from the Puritans in the 17 th century through the naturalism and pragmatism of the late 19th century.
311. History of the American West.

Credit: Three hours
The main factors in the development of the American West,-the settlement of the Spanish Southwest, the fur trade, the land laws, the development of transcontinental railroads, and related topics.
316. American Economic History.

Credit: Three hours
For description see page 61.
401-402. History Methods.
Credit: Six hours
For history majors. The course emphasizes techniques of historical research, through assignment of research problems. Prerequisites: A minimum of 12 hours in history.

## POLITICAL SCIENCE

Mr. Jenkins
Requirements for major: 24 semester hours beyond Political Science 101. Six semester hours may be taken in related fields upon consultation with major professor. Political Science 101 is a prerequisite for other political science courses unless exceptions are made by the Political Science Department.
101. American Government.

Credit: Three hours
A one-term survey course of the American federal system, with special attention given to the horizontal relationship between the national government and the states; and the horizontal relationship between the executive, the legislative, and the judicial branches of each of these component parts.
102. Political Parties.

Credit: Three hours
A general survey of the role of a political party as an instrument for energiz-
ing the public will into a course of political action. Special attention will be devoted to the organization of political parties in the United States from the precinct to the national committee, and for purposes of analogy, their organization in selected representative and totalitarian states.

## 201. International Politics.

Credit: Three hours
An inquiry into the political, strategic, economic, racial, and ethical factors which in varying degrees determine the relationship between nations.
202. American Foreign Policy.

Credit: Three hours
An examination of the political, strategic economic, and social relationships of the United States today with respect to the balance of mankind.

203-204. Comparative Foreign Government.
Credit: Six hours
The first semester deals with the British, French, German, Italian, and Russian governmental and political system. The second semester's emphasis is on the governments of the Far East and Southeast Asia, specifically, Japan, China, India, Pakistan, and Indonesia.

## 301-302. Political Theory.

Credit: Six hours
The development of Western political thought from earliest times down to the French Revolution is considered in the first semester. The second semester is concerned with the development of the political ideologies which came to fruition in the twentieth century.
303. American Political Theory.

Credit: Three hours
An examination from colonial times to the present of the political values inherent in American culture as reflected in the clash between our individualistic laissez faire and empirical collective tradition.

## 304. Foundation of Modern Jurisprudence.

Credit: Three hours
Designed primarily to familiarize students with the forms and development of those legal concepts which are the foundation of Jurisprudence, what the law is, how it is made and subsequently applied. Required for all Political Science majors; especially recommended for pre-law students.
401. American Constitutional Law.

Credit: Three hours
A study of the leading decisions of the Supreme Court with respect to the relationship between the states and the national government, and within the latter, the relationship between the executive, legislative and judicial branches.

## 402. Political Science Seminar.

Credit: Three hours
A required course for all seniors majoring in Political Science designed to integrate into a coherent pattern the specialized aspects of previous studies. Each student will be required to submit a satisfactory paper examining some specific governmental, constitutional, or political problem and to demonstrate a familiarity with research procedure.

## EDUCATION

Messrs. MacRae, Foster, Cornwell

The courses in education aim, in general, to acquaint the student with the principles governing the growth of personality, with the role of education in the process of civilization; and in particular to meet the formal requirements of the various states for certification to teach in the secondary field.
201. Introduction to Education.

Credit: Three hours
An overview of the aims, organization and procedures of education to provide a systematic view of the whole field. Information regarding the opportunities and requirements in education as a profession. General education for all students and professional orientation for prospective teachers. Open to Sophomores, Juniors and Seniors.
202. Educational Psychology.

Credit: Three hours
An introduction to the principles of psychology as involved in the field of formal education. Also a survey of the laws of learning, motivation and personality development.

## 204. General Methods in Secondary Education.

Credit: Three hours
The method of the teacher in the high school; class room management; instructional materials; the guidance of the learning experience. Open to Sophomores, Juniors and Seniors.
301. Tests and Measurements.

Credit: Three hours
Study of representative tests in the secondary field with practice in selecting and administering them. Use of measures of central tendency and variability in interpreting tests. Open to Juniors and Seniors.

## 302. Statistical Methods in Education.

Credit: Three hours
A general introduction to the instruments and techniques of research in education and social science. The student is helped to develop ability to understand and interpret articles, reports and other material involving statistical data. Open to Juniors and Seniors.

## 401-402. Practice Teaching.

Credit: Six hours
This course aims to review important theories and practices in secondary education resulting from recent experimental research; to prepare the students for a period of practice teaching in cooperating high schools; and to supervise and direct an actual teaching experience in such schools. Open to Seniors.
403. Philosophy of Education.

Credit: Three hours
The philosophical foundations of educational methods. A study of the three viewpoints basic to the major philosophical positions in American education. Open to Juniors and Seniors.

## PSYCHOLOGY

## Mr. Cornwell

The courses in psychology are designed to offer (1) a broad understanding of the principles of human behavior, (2) training of the pre-professional student in techniques of human relations as applied in the major professional and vocational fields, and (3) a well-rounded orientation in systematic, experimental, and clinical psychology for students planning graduate study in this field.

Three hours in General Psychology are prerequisite for all psychology majors. For a major, 24 semester hours in addition to General Psychology are required. Six of these hours may be accepted from the following interdepartmental courses: Education 301-02; Philosophy 203; Sociology 202, 305-06, 403.

## 201. General Psychology.

Credit: Three hours
An introductory study of general psychology designed to prepare for more advanced work in the subject.

## 202. Experimental Psychology Laboratory.

Credit: Two hours
An introduction to laboratory methods in experimental psychology. Prerequisite: Psychology 201.

## 208. The Psychology of Adjustment.

Credit: Three hours
A theoretical and clinical study of mental and personality adjustments in the process of development. Prerequisite: Psychology 201.
204. Mental Hygiene.

Credit: Three hours
An intensive study of the principles and procedures involved in the maintenance and rehabilitation of mental health. An autobiographical self-analysis and evaluation is required from each student as a term project. Prerequisite: Psychology 201, 203.

## 301. Applied Psychology.

Credit: Three hours
A comprehensive survey of the application of the principles of psychology in various occupational fields. Particular emphasis is given to the application of these principles in the fields of Education, Medicine, Law and Criminology, and Industry. Lectures, demonstrations, practical observations and reports, with collateral readings from psychological writings constitute the chief procedures in this course. Prerequisite: Psychology 201.
302. Social Psychology.

Credit: Three hours
An intensive study of the principles of psychology in group relationships. Prerequisite: Psychology 201.
303. Experimental Methods.

Credit: Three hours
A survey of experimental methods employed in psychological research on learning, memory, thinking, perception, and sensation. Prerequisite: Psychology 201.
304. Abnormal Psychology.

Credit: Three hours
A study of distortions of behavior resulting from disturbances and disorders in the mental and emotional aspects of human personality. Prerequisite: Psychology 201.
401. Contemporary Schools of Psychology.

Credit: Three hours
A survey of points of view in a selected sampling of schools of psychology. Prerequisite: Psychology 201, 203.
402. Quantitative Methods.

Credit: Three hours
An introduction to the psychophysical methods of quantifying and scaling psychological data. Projects calling for the application of the methods of reproduction, equal intervals, paired comparison, rank order, and rating scale methods are assigned for group completion. Prerequisite: Psychology 201, 301.

# PHYSICAL EDUCATION AND ATHLETICS 

Messrs. Rivero, Gardner, Smith
College Physician, Dr. Toye G. Davis
All instruction and related activities in the fields of Health, Physical Education, Hygiene and Athletics are administered by the Physical Education Department. A medical examination and chest X-ray is required of all students. The Health Services advise with the Department of Physical Education in the assignment of students to activities in accord with their physical needs. All non-veteran undergraduates are required to take Freshman and Sophomore physical education. A passing grade is necessary for a degree.

The department advises majors to elect Biology 101-02, Anatomy 201, Psychology 201, and special courses in Education. A laboratory fee of $\$ 15.00$ is charged for Physical Education 301-02, and $\$ 6.00$ for Physical Education 103 A-B-104 A-B.
103A-B. Freshman Physical Education.
(Given each year)
Credit: Two hours
Instruction and practice in the fundamental skills of team games, individual activities and lectures in standard first aid course.

104A-B. Sophomore Physical Education.
(Given each year)
Credit: Two hours
Instruction and practice in team games and individual activities leading to a satisfactory demonstration of skills in and knowledge of at least two team games, one combative and one individual activity. Lectures in advanced first aid course.

## 206. Personal Hygiene.

Credit: Two hours
To provide the student with information on human development and adjustment relative to self, school, home and other social influences.
207. Safety Education

Credit: Two hours
A course covering all phases of school safety education-home, occupational,
recreational and transportational. Includes a study of the well organized school safety program, its administration and organization.
301. Physical Education Activities I.

Credit: Three hours
This course is concerned with the special consideration proper to the teaching of basketball, gymnastics and wrestling. Lectures and practice with stress on the fundamentals of the activity. Laboratory work.
302. Physical Education Activities II.

Credit: Three hours
Lectures and practice with the stress on the fundamentals of badminton, tennis and golf. Laboratory work.
303. Principles and History of Physical Education.

Credit: Three hours
A course in the theory and history of physical education, the relation of physical education to the general field of education; the specific activities of the field; its aims and the problems that require study.
304. Health Instruction in the Schools.

Credit: Three hours
Methods, practice, demonstration, and observation; the programs and problems of health education in junior and senior high schools.
305. Care and Prevention of Injuries, Conditioning and Training.

Credit: Three hours
Lectures, practice, and demonstration in the care and prevention of injuries.
307. Physiology of Exercise.

Credit: Three hours
The functions of the human body and the mechanism of bodily movements.
401. Health Service and Supervision in Schools.

Credit: Three hours
Health examinations, follow up procedures, special classes, school feeding and hygiene of the school environment.

## 402. Organization and Administration of Health and Physical Education.

Credit: Three hours
Administrative policies and standards pertaining to the execution of the pisgram of health and physical education in the public schools.
406. Leadership in Community Recreation.

Credit: Three hours
Methods of conducting recreational programs for rural and urban communities with various activities designed to meet the needs and interests of the community.

## Scholarships, Aid to Students, Prizes

## University Scholarships

The College department has a scholarship fund of limited amount, the income from which is expended in partial payment of the fees of needy and deserving students of good deportment and diligent application. The awards per student range from $\$ 100.00$ to $\$ 600.00$ a year, depending upon the needs and academic qualifications of the student concerned.

Prospective students may apply for scholarships. Preference is given to those with high scores on the College Entrance Board Examinations, the Lincoln University Pre-admission Tests (see page 29), or those who have an excellent record in an accredited high school. One full-expense scholarship for one year may be given to that student who, in the opinion of the Committee on Admissions, shows the greatest promise.

Scholarships are renewable from year to year upon good performance. They may be forfeited at any time during the year because of negligence or misconduct. If a student fails in any semester to achieve a grade at least of general Group 3, scholarship allowance for that semester will be forfeited, unless the Committee on Scholarships continues the aid.

## Senatorial Scholarships

The College grants senatorial scholarships amounting to $\$ 350.00$ per year, applicable toward tuition, to qualified candidates who are legal residents of Pennsylvania and are nominated by members of the State Senate of Pennsylvania.

Recipients of these awards are required to maintain a satisfactory standard of conduct and scholarship.

## Foreign Student Scholarships

Lincoln University has always welcomed overseas students, and has been generous with scholarships for them. The New Program initiated in 1954, the Centennial year, calls for an increase in the number of foreign students, as well as the countries of their origin. In order to make the New Program a reality, the Board of Trustees has made available a special sum of money for scholarships for students from other countries.

## Student Employment

The Lincoln University does not undertake to guarantee employment to students, and does not encourage any to enter who are without resources.

The University attempts to provide a number of opportunities for students to assist themselves doing such work as waiting on tables in the University dining hall, assisting in the library, and acting as janitors in the halls and dormitories or on the grounds. Further information concerning such employment may be had upon application to the Dean of Students.

Earnings of a student assigned work to help defray his expenses, may be paid in cash or credited to his account monthly upon satisfactory completion of his assigned task. Ordinarily, work credit has no cash or refund value except as it may be applied to a student's account.

## Student Deposit Account

For the convenience and protection of students while in residence the University Office maintains a student deposit account, where money for personal or incidental expenses may be deposited to be drawn upon as occasion requires.

## Prizes

The following prizes are offered annually for proficiency in the work of the department indicated:

THE HUMANITIES
The Elizabeth H. Train Memorial Prizes in Oratory, given in 1919 by the Rev. William P. Finney, D.D., in memory of Elizabeth H. Train, fifteen dollars to the best speaker, and ten dollars to the next best in a public Sophomore oratorical contest.

The Class of 1899 Prize, an award of ten dollars in money or books to that member of the Senior Class who shall pass a creditable examination in English studies and shall write the best essay on some assigned topic.

The Class of 1900 Prize, an award of ten dollars to that student who in the judgment of the Faculty has acquitted himself most creditably in the intercollegiate debates.

The Kappa Alpha Psi Prizes in Oratory, given by Epsilon, the local chapter annually, a silver loving cup to the best speaker,
and a gold medal to the next best, in a Freshman oratorical contest.

The Walter fales Memorial Prize in Philosophy is given in memory of Walter Fales, Professor of Philosophy, 1946-1953. The income on $\$ 450.00$ is awarded annually to the student whose work in philosophy is of the highest quality.

## NATURAL SCIENCE

The Bradley Prize of a gold medal is awarded to that member of the Senior Class who has maintained the highest average standing in selected branches of physical science.

The S. Leroy Morris Memorial Prize in Biology, endowed in 1997 by Mrs. Amaza Morris Lockett, Atlantic City, N. J., in memory of her father, S. Leroy Morris, M.D., of the class of 1892, ten dollars to that member of the Senior Class who has maintained the highest average in the courses in Biology.

The William S. Quinland, Jr., Memorial Prize in Biology, given by William S. Quinland, M.D., Nashville, Tennessee, in memory of his son, William S. Quinland, Jr., ten dollars to the pre-medical student of the graduating class who possesses initiative and marked proficiency in Biology, and who stands second in honors in this subject.

The Walter F. Jerrick Prize, an award of twenty-five dollars limited to that student in the graduating class who shows the most improvement in scholarship during his four years at Lincoln University.

The Norman Edward Gaskins Memorial Prize in Organic Chemistry, endowed June, 1955 in memory of Professor Norman E. Gaskins, '34, teacher of Organic Chemistry, 1937-1955. The income on $\$ 1330.00$ is awarded annually to that student attaining the highest average in Organic Chemistry.

## PRIZES FOR SCHOLARSHIP STANDING

The Class of 1915 Prize, given by the members of that class, awards the interest of one hundred dollars, on the recommendation of the Faculty Committee on Athletics, to that student of the graduating class of the odd years, who has best combined athletic distinction and scholarship standing.

The Class of 1916 Prize, given by the members of that class, awards the interest of one hundred and twenty-five dollars, on the recommendation of the Faculty Committee on Athletics, to that student of the graduating class of the even years, who has best combined athletic distinction and scholarship standing.

The C. Morris Cain Prize in Bible, to that student in the college who has maintained general excellence in English Bible studies. A prize representing the income on a grant of two hundred and fifty dollars is awarded annually.

The E. K. Marrow Memorial, an annual award of ten dollars to the graduate from the State of New Jersey with the highest average. This prize is established by Gloria G. Marrow, in memory of her brother, Edmond Kirk Marrow.

GENERAL PRIZES
The William H. Madella Prize, endowed by Miss F. Louise Madella, Washington, D. C., in memory of her father, William H. Madella, M.D., of the Class of 1876, the income from eight hundred dollars to the graduating student who has made the most general progress and has demonstrated high character, conduct and scholarship during his career at Lincoln University.

The Samuel Robinson Scholarships. The income from a gift of Mr. Samuel Robinson is paid out annually as scholarships in sums from fifty dollars to one hundred dollars, or more, to needy and worthy students who have memorized and recited correctly from memory the answers to the 107 questions in the Westminster Shorter Catechism.

The Amy L. Johnson Award, to that student of the College who has shown the most improvement in personality and scholarship during the last three full years of residence at the institution.

The Henry W. B. Campbell Award is given by Mrs. Campbell in memory of her husband who graduated from the College in 1903 and the Seminary in 1906, to one or more students in the graduating class who best combine the qualities of scholarship and Christian character.

The Frazier S. Taylor Memorial Prize, the income from $\$ 1,000.00$ contributed by the father and uncle of the late Frazier S. Taylor, to be awarded to that member of the Junior class who best combines scholarship and athletic ability.

The Rabbi Weitz Beth Israel Temple Award--to the student who does most and best for inter-faith, inter-racial and inter-group cooperation on a world level.

The Robert M. Labaree Essay Prize in the Social Sciencesawarded biennially to a member of the junior or senior class, the first award to be made in 1959, the income from $\$ 200$ contributed by Dr. Leonard W. Labaree, nephew of the late Professor Robert M. Labaree.

The Rohm and Haas Fellowships, an annual grant of $\$ 2500.00$ by the company of that name is awarded to members of the graduating class. A special committee appointed by the President selects the recipients of these awards.

## General Information

## Religious Institutions and Opportunities

The Ashmun Church was established under the control of the local Presbytery of Chester as a church home for college students. While it is organized as a Presbyterian Church, members of all denominations are received, and letters of dismission to churches of other denominations are given when they leave the University.

The Young Men's Christian Association has an active organization in the University. It cooperates with the national, the state, and the southern branches of the Association, and promotes locally a program of religious and recreational work. There are also clubs for members of the several denominational groups.

Assembly exercises are held every Thursday noon. Every Sunday morning a religious service is conducted in the University Chapel. On Wednesday evenings prayer meetings are held.

## Health Program

The conservation of health and the maintenance of sanitary conditions in the University are under the direct charge of a resident University Physician. There is an infirmary on the campus where students suffering from minor ailments may get special care. Cases requiring hospitalization are cared for at the Chester County Hospital.

The University Health Service is designed to cover the cost of ordinary medical attention, simple prescriptions, and a maximum of ten days hospitalization in a school year upon recommendation of the University Physician. The University does not assume responsibility for providing medical care for extended periods and for more than ordinary attention. The student is referred to his personal physician for extended care and treatment. The student must bear the cost of this care and treatment, as well as the cost of any special medicines, special procedures, and operations.

Students and parents are urged to avail themselves of the services of private health insurance companies for coverage of the expenses of illness and treatment beyond what the University Health Service undertakes to provide.

A Dental Operatory is located on the campus for the detection and care of dental defects. General cleaning of teeth, extractions, and simple fillings will be taken care of without additional charge other than that listed under "General Fees."

Before being finally admitted, each student is required to have a comprehensive medical examination in accordance with a blank approved by the Health Committee. It is the responsibility of the
student to have this blank filled in and signed, preferably by his family physician. The blank should be returned with the student's room deposit.

The Health and Medical Fee, which is part of the "General Fee" is paid by all students.

## Recreational and Physical Welfare of Students

The Department of Physical Education promotes the physical welfare of the students through the service classes and an extensive intramural program. It fosters competition in touch football, basketball, track, wrestling, tennis, softball, golf, handball and badminton. The following facilities comprise our plant: 2 gymnasiums, 4 handball courts, soccer field, baseball field, football field, intramural football and softball field, 7 tennis courts and a 5 hole practice golf course.

Game rooms are provided in the Student Center, formerly the field house for athletic teams.

Moving pictures are shown regularly on the campus. An extensive Lyceum Program brings outstanding artists and lecturers to the University and its surrounding community.

## Student Organizations

A number of organizations provide varied facilities for extracurricular activities. For proper guidance and supervision, the faculty has adopted the following regulations:
(1) All student organizations must be approved by the Faculty and must be officially authorized to carry on programs, recruit members, or to use the name and facilities of the University.
(2) The formation or continued existence of a student organization is dependent upon its observing University regulations and contributing positively to the fulfillment of University objectives.
(3) Any student organization shall forfeit its right to exist, or to carry on activities on the campus, if it fails or refuses to abide by University regulations in reference to individual or group behavior.
Fraternities: The following intercollegiate fraternities have branches at The Lincoln University: Alpha Phi Alpha, founded at Cornell University in 1906; Kappa Alpha Psi, founded at Indiana University in 1911; Omega Psi Phi, founded at Howard University in 1911; Phi Beta Sigma, founded at Howard University in 1914; and Beta Sigma Tau, founded at Roosevelt College in 1948.

The John Miller Dickey Service Society is composed of college students who plan to enter the ministry. It meets twice a month for the discussion of religious and social topics.

The Lincoln Chapter of the Alpha Kappa Alpha Honorary Fraternity in Philosophy sponsors discussions of philosophical topics.

The Varsity Club, composed of students who have won their " $L$ " in any sport, fosters student morale and encourages good sportsmanship at all times.

The Lincoln University Chapter of the National Association for the Advancement of Colored People carries out in the University and the neighborhood the aims of this organization.

The Alpha Chapter of The Beta Kappa Chi Honorary Scientific Society elects to membership those students who have met the requirements of the Society by completing at least sixty-four semester hours of college work, 17 semester hours of which shall be in one of the sciences recognized by this society with a grade average of " $B$ " in the science area and a general college average of at least "B." The aims of the society are to encourage and advance scientific education through original investigation, the dissemination of scientific knowledge, and the stimulation of high scholarship in pure and applied science.

The Lincoln University Players grant membership to all who are interested in actual performance in the field of dramatics. The Players hold membership in the Negro Intercollegiate Dramatic Association.

The Phi Kappa Epsilon Honor Society has for its purposes the encouragement of high scholarship, the acquisition of knowledge and the ability to undertake accurate research.

The society elects to membership upperclassmen who have a cumulative average of 1.67 for a minimum of three semesters exclusive of their freshman year. Transfer students must be in residence at Lincoln two semesters before being considered for election.

In addition the student must submit a research paper or the results of a research project to his major professor and receive the approval of the major professor prior to election.
A certificate signifying election will be presented at the time of election. Announcement of those elected will be made annually on Honors Day.

## Dormitory Regulations

The College buildings used as dormitories accommodate about 375 students. Each room is provided with the essential articles of furniture, such as desks, chairs, tables, and beds. Each student must bring with him three pillow cases, four sheets for single beds, sufficient blankets and towels, all marked with the full name of the student. Necessary repairs are made by the University, but all additional work is at the expense of those who occupy the rooms.

No changes in the electrical wiring of dormitory rooms may be made, and no additions to the electrical fixtures (such as electric irons, larger bulbs, etc.) may be installed or used except by permission of the Superintendent of Buildings and Grounds. Request for such permission must be made in writing, and if the permission is granted, the necessary electrical work must be done by an electrician designated by the University. Violation of this regulation will result in the confiscation of all such added fixtures.

Dormitory rooms must not be redecorated nor may any structural changes be made therein except by permission of the Superintendent.

Officials of the University or their duly designated representatives have the right to inspect at any time any of the rooms occupied by students.

Students who reside in the dormitory take their meals in the dining hall.

## College Assemblies

College week-day assemblies are usually held on Thursdays at noon. The exercises are informative and instructional. At times they may be in the form of musical recitals. On such occasions the hour of the assembly may vary. Due notice, however, will always be given regarding such schedule changes.

Attendance upon College Assemblies is required in accordance with regulations listed below:

1. A student absent from three such exercises, without an acceptable excuse, will be warned.
2. A student absent from six exercises in one semester will incur suspension for one week.
3. Subsequent absences will result in the student's being dropped from the college.
The term "excused absences" applies to absences incurred in representing the College in approved off-campus activities or in cases of illness certified by the University Physician.

## The Athletic Program

Physical education as well as the program of intercollegiate athletics are an integral part of the curriculum and therefore subject to faculty control and regulation.

## PHYSICAL EDUCATION

The administration makes an effort to provide an attractive program in physical education designed to meet the needs and serve the interests of the students. Unless excused by the University Physician, full-time students are required to participate in physical education activities a minimum of three hours a week for the first two years of enrollment.

## INTERCOLLEGIATE ATHLETICS

The objectives of the program of intercollegiate athletics are the development of health, sportsmanship, group loyalty, and wholesome living among the greatest possible number of students.

All varsity sports conducted or supported by the University are considered major sports. Students may actively participate in varsity sports only with the approval of the Committee on Eligibility and Academic Standing. To compete in two varsity sports simultaneously, a student must have permission from the Dean of the College and the University Physician.

Participants in intercollegiate athletics are expected to meet the same standard of academic performance, need, and leadership qualities that are required of other students to qualify for financial assistance. Lincoln University belongs to the following confer-ences:-C.I.A.A., N.C.A.A., E.C.A.C., N.A.I.A., and I.C.A.A.A.A.

## General Regulations Concerning Conduct

The Student Senate, organized in 1946, is a committee from the student body. It cooperates with the University Committee on Student Personnel in the handling of all matters of student government except those which are purely academic or which affect living arrangements controlled by the administration or the faculty.

All students are required to conform to the following regulations: GENERAL CONDUCT

1. The use, possession, or transportation of intoxicating liquors on the grounds or in the buildings of the University is prohibited.
2. As a safeguard against the hazard of fire, and in the interest of sanitary living conditions, all smoking within buildings is to be confined to the dormitories. This means that smoking is prohibited in the classrooms and the hallways of University Hall, the Science Hall, the Library, the Chapel, the Gymnasium, the Little Theatre, and the Music Studio.
3. The use or possession of firearms on University property is prohibited.
4. Hazing is a detriment to the welfare of students; especially does it handicap new students in making satisfactory adjustments to College life; it is therefore prohibited.
5. The University reserves the right (under the By-laws of Lincoln University, ch. vi., Sect. 12, adopted by the Board of Trustees, June 1, 1909) to dismiss or suspend at any time, students whose conduct or academic standing it regards as undesirable, even though no charges be brought against them; in such cases the fees due or already paid to the University will be neither refunded nor remitted in whole or in part.

University regulations are brought to the attention of every student by posting, announcement, or inclusion in the catalogue. Violation of regulations will not be excused on the plea of ignorance of information.

## VISITORS

6. Individual students will be held responsible for the conduct of all visitors they may have in the dormitories.

If male visitors are to remain overnight, they must be reported beforehand to the office of the Dean of Students.
7. No women are admitted to the dormitories at any time without permission from the Office of the Dean of Students.

Women are not allowed in student rooms. On special occasions when one or more dormitories are definitely open for general University purposes, there will be regulations governing the individual occasion.

As a means of guaranteeing satisfactory housing and recreational facilities, all social events must be planned in collaboration with the Dean of Students.

Usually throughout the year, it is possible to secure accommodations for a limited number of overnight guests in the Guest House. Arrangements should be made in advance.

## Buildings

On the campus are the following buildings:
University Hall, 1891, built by undesignated funds, a threestory brick building, containing seventeen large rooms, used for lecture and recitation purposes.

The Mary Dod Brown Memorial Chapel, 1892, gift of the late Mrs. Susan Dod Brown, of Princeton, N. J., a Gothic structure of dark red brick with a square bell-tower, containing an audience room for 400 persons, and an adjacent hall for 200.

Ashmun Hall and Lincoln Hall, dormitories, built by undesignated funds in 1856 and 1866, respectively.

Cresson Hall, 1870, gift of the Freedmen's Bureau, through the interest of General O. O. Howard, then a Trustee of Lincoln University.

Rendall Hall, a dormitory erected in 1931, named in honor of two former presidents of the University, Isaac N. Rendall and his nephew, John B. Rendall, and built by funds provided by the General Education Board, the Julius Rosenwald Fund, Miss Carolina Hazard, Mr. Pierre S. duPont, Mr. J. Frederic Talcott, and other generous friends, containing in addition to dormitory rooms with all modern conveniences, a large reception room, a Y.M.C.A. room with committee rooms, a barber shop, clothes pressing room, and trunk storage compartment.

Houston Hall, 1881, gift of the late H. H. Houston of Philadelphia, a dormitory and classroom building for theological students.

The Faculty Club-formerly used as a residence for the President of the University-provides housing facilities for faculty and social rooms for group meetings.

The Ladies Auxiliary Guest House-constructed and furnished in 1954 through a donation from The Ladies' Auxiliary of Lincoln University-provides facilities for entertaining overnight guests and for student social activities.

The McCauley Refectory, 1904, the gift of the late Dr. Thomas McCauley and Mrs. Mary D. McCauley, a three-story brick building used as the University dining hall, and residence of the dietitian.

The Science Hall, erected in 1925, with funds contributed by the Alumni and other friends, aided by the General Education Board and Mr. Pierre S. duPont. The building contains lecture rooms and laboratories for the departments of physics, biology, and chemistry.

The Student Center, containing a snack bar, recreation rooms, post office, and bookstore, where textbooks may be purchased at list prices.

The Fellowship Lodge, built in 1941 out of funds furnished largely through the student Y.M.C.A. It provides a meeting place for student gatherings, and is used frequently throughout the year by a variety of groups. Through its use the religious, social, and recreational aspects of student life are promoted.

The Central Heating Plant, renovated in 1931, at an expense of $\$ 75,000$, contributed by the General Education Board, Mr. Pierre S. duPont, Mr. Lammot duPont, and Mr. John H. Ware, Jr.

The Old Gymnasium, 1935, built with funds contributed by Miss Susan Gorgas, members of the Alumni, and the General Education Board.

The Grim Gymnasium, made available by the Federal Works Agency as part of the Veterans Educational Facilities program, was completed for use by the 1947 fall term.

The Disposal Plant, 1936, a modern sewer system and sewage treatment plant, constructed with funds given by the General Education Board.

Twenty-four dwelling houses are used as residences for professors and other members of the University staff.

Housing facilities are available for 16 married students. These were originally erected by the University in cooperation with the Federal Housing Authority.

McRary Hall, a dormitory housing 126 students, constructed in 1956.

The Vail Memorial Library, centrally located on the campus, houses both college and seminary collections. The capacity of the original library (erected in 1896) was doubled by the construction of a wing in 1954, at which time the original structure was also renovated.

The book collection of 75,000 volumes (including bound periodicals) is well distributed throughout the major branches of knowledge. The collection is a growing one, with additions at a rate of approximately 2500 volumes per year. Over 200 periodicals are received by subscription, and many more by gift.

Reading and study facilities are considerably above those prescribed for institutions of Lincoln's size. In addition to reference
rooms there is a "browsing room" with an open collection of books of general interest. There are seminar rooms for small conferences and study groups.

There is a special collection of Negro and African literature, including Negro history and sociology. The library also houses the Susan Reynolds Underhill Collection of African art.

## Needs and Opportunities

Sources of Current Income. The University is maintained by income from endowment, by an annual grant from the Commonwealth of Pennsylvania, by student fees, and by contributions from friends interested in keeping up and extending the work of the University.

Endowment. There is a great need for further endowment both in smaller and larger amounts.

Twenty-five hundred dollars will endow a scholarship with the name of the donor perpetually attached. Larger sums will provide for greatly needed additions to the teaching and library staff. These endowments are permanent memorials of the donors.

Revolving Loan Fund. The University has a revolving loan fund from which eligible students may receive short term financial assistance upon recommendation of the Scholarship Committee.

Buildings and Grounds. The greatest need of the University is for funds to enlarge its physical plant.

The Recitation Hall erected in 1891, and the Dining Hall in 1904, were planned for a college of 200 students.

The Alumni, by making contributions of $\$ 120,000$ to the Alumni Building Fund, have already made possible improved dining room facilities, as well as establishing one of the most remarkable records of sacrificial giving in the history of small colleges in America. Alumni bequests valued at $\$ 320,000$ were received in the five years, 1946-1951.

In 1956 an Annual Giving Program was initiated under leadership of the Alumni, to provide a living endowment for the University.

Student Aid. Money for scholarships is urgently needed. The University serves a population now producing many young men of great promise, but of limited economic resources. Scholarship gifts will enable some men to continue their studies who otherwise would have to discontinue for lack of funds.

The University especially appeals for student aid for able students.

Annuities and Bequests. The Life Annuity Plan offers to donors an opportunity of making gifts to the University during their lifetime, without sacrificing any of their present income. A formal agreement is given to the donor, binding the Board to pay an annual sum in semi-annual remittances during life at rates varying from five to nine percent, according to age at the time the Annuity Gift is made.

When it is intended to make bequests to The Lincoln University, care should be taken in the preparation of wills to use the exact corporate name as known and recognized in courts of law, namely, "The Lincoln University," and to add its location, "Chester County, Pennsylvania."

## Degrees, Honors, Directory of Students

Degrees

## DEGREES CONFERRED JUNE 3, 1958



The honorary degree of Doctor of Laws (LL.D.) was conferred upon:
Roy Wilkins ..................................................................................

The degree of Bachelor of Arts (A.B.) was conferred upon:

| Paul Udo Akpabio | Nigeria, W.A. |
| :---: | :---: |
| Sunny Samuel Akpaidiok | Nigeria, W.A. |
| Jesse Fassett Anderson | Philadelphia, Pa. |
| John Richard Andress | Oxford, Pa. |
| Enos Trent Andrews | Philadelphia, Pa. |
| Albert Rubin Armstrong | Philadelphia, Pa. |
| Warren Allen Barrick | Rosemont, Pa. |
| Leonard Eugene Bivins | Lothian, Md. |
| Robert Warren Bivins | Philadelphia, Pa. |
| Frederick Thornton Boulware, | Rock Hill, S. C. |
| Joseph Howard Boulware | Chester, S. C. |
| Ralph James Cato | Pittsburgh, Pa. |
| John Francis Driggins | Chester, Pa. |
| Howard Clifford Dukes | Philadelphia, Pa. |
| Herman Charles Durr | Pittsburgh, Pa. |
| Norman Allen Edwards | Jamaica, N. Y. |
| Samuel Obonku Essandoh | Ghana, W.A. |
| Stanley James Evans | Haledon, N. J. |
| William Jackson Gaskill | Philadelphia, Pa. |
| Levan Gordon | Philadelphia, Pa. |
| Warren Alexander Grant | West Chester, Pa. |
| Richard Greene | Orange, N. J. |
| Seabron Douglas Griffin | Washington, D. C. |
| Ronald Anthony Haley | East Elmhurst, N. Y. |
| Lawrence Michael Harrison | Brooklyn, N. Y. |
| Abdurahman Nur Herzi | Somaliland, E.A. |
| Charles Southward Ireland | Washington, D. C. |
| Richard Callaway Jay | Bethlehem, Pa. |
| Clifford Stanley Jones | Turks Islands, B.W.I. |
| Tai Shick Kang | Seoul, Korea |
| Samuel Joenathan Lanchester | Poughkeepsie, N. Y. |
| Ernest Clayton Levister, Jr. | New York, N. Y. |
| Andrew Livingston, Jr. | Norristown, Pa. |
| Charles Chester Donald Lundy | Philadelphia, Pa. |
| Coleman Preston McCown | South Boston, Va. |
| William Webster Miller | Brooklyn, N. Y. |
| Hassan Ali Mirreh | Somaliland, E.A. |
| Alexander Arthur Ojera | . Uganda, E.A. |


| Samuel Achinivu Okorie | ria, W.A. |
| :---: | :---: |
| James Albert Pinder | ladelphia, Pa. |
| Deborah Gertrude Redd | Philadelphia, Pa. |
| David Rice | Memphis, Tenn. |
| Martin Upshur Riley | Philadelphia, Pa. |
| Dorothy Bedwell Schuette | Port Deposit, Md. |
| Joseph Hurlong Scott, Jr. | Newark, N. |
| Nolvert Preston Scott, Jr. | Washington, D. |
| Coiet Freamon Sims | Aliquippa, Pa. |
| Robert George Smith | Philadelphia, Pa. |
| Harold Taylor | Trenton, N. J. |
| Herbert Malama Thomas | Sierra Leone, W.A. |
| Herman Hoit Thomas, Jr. | Harrisburg, Pa. |
| John Wesley Haywood Tildon | Tuskegee, Ala. |
| James Allen Walls | Oxford, Pa. |
| James Monroe King Warden | Brooklyn, N. Y. |
| Alphonso Coleman Warrington, | Baltimore, Md. |
| David Charles Waters | Trenton, N. |
| James Chestnut Watson | Trenton, N . |
| George James Williams | Los Angeles, Calif. |
| Herman Wilson | Tyler, Texas |
| Robert Elbert Wren | Baltimore, Md. |
| Watt Henry Young | Yeadon, Pa. |

## Honors

## SENIOR HONOR STUDENTS

## Magna cum laude

Dorothy Bedwell Schuette
Herman Wilson
cum laude

Sunny Samuel Akpaidiok<br>Enos Trent Andrews<br>Frederick Thornton Boulware, Jr. Norman Allen Edwards Samuel Obonku Essandoh Lawrence Michael Harrison Abdurahman Nur Herzi Richard Callaway Jay Tai Shick Kang Andrew Livingston, Jr.

Charles Chester Donald Lundy
William Webster Miller
Hassan Ali Mirreh
Deborah Gertrude Redd
Martin Upshur Riley
Nolvert Preston Scott, Jr.
Coiet Freamon Sims
James Monroe King Warden
David Charles Waters
George James Williams

## PRIZES AWARDED AT COMMENCEMENT

June 3, 1958

## THE COLLEGE

|  |  |
| :---: | :---: |
|  |  |
| Kappa Alpha Psi Prizes in Oratory (Freshman) |  |
| First: Nathan Harris |  |
| Second: Eddy William |  |
| Third: Ronald Wade |  |
| Walter Fales Memorial Award in Philosophy | Hassan A. Mirreh |
| C. Horris Cain Prize in Bible | Winston L. Blackett |
| S. LeRoy Morris Prize in Biology | rederick T. Boulware |
| William S. Quinland Prize in Biology | Andrew Livingston |
| Walter F. Jerrick Prize in Biology | Richard Greene |
| A. M. Dickinson Prize in Biology ..................... Sunny S. Akpaidiok | .Sunny S. Akpaidiok |
| Norman Gaskins Memorial Prize in Organic Chemistry ...... Enos T. Andrews |  |
| Long Island Alumni Scholarship |  |
| The General Chemistry Award | Austin D. Scott |
| Freshman Mathematics Achievement Award ................. Robert Randolph |  |
| Class of 1916 Prize in Athletics ............................ Robert G. Smith |  |
| Frazier S. Taylor Memorial Award in Athletics ............ Bennie D. Dudley |  |
| E. K. Marrow Memorial Award .............................. ${ }^{\text {david C. Waters }}$ |  |
| William H. Madella Prize . . . . . . . . . . . . . . . . . . . . . . . . . . . Warren A. Barrick |  |
| Amy L. Johnson Award . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Nolvert P. Scott |  |
| Henry W. B. Campbell Award ........ | Jesse F. Anderson |
|  | Martin U. Riley |
| Rabbi Weitz Beth Israel Temple Award | James N. Kimani |
| Ladies Auxiliary Scholarship . . . . . . . | Richard A. Taylor |
| Samuel Robinson Scholarship Awards | Winston L. Blackett |
|  | Ralph J. Cato Alan Clarke |
|  | William J. Gaskill |
|  | Samuel J. Lanchester |
|  | DeWitt Myers |
|  | Lawrence P. Neal |
|  | David Rice |
|  | Robert E. Wren Enos T. Andrews |
| The Rohm and Haas Fellowships | Richard C. Jay |
|  | Dorothy B. Schuette |
|  | Nolvert P. Scott |
|  | James M. Warden |
| Wall Street Journal Subscription and Medal | James M. Warden |

## Directory of Students <br> 1957.1958 <br> THE COLLEGE <br> Freshman Class

Austin, Irenaeus Hugo ..................................................tsbburgh, Pa.

- Rain, Granville Charles ......................................................... Bahamas

Barrett, Arnold Edwin .......................................................... York, N. Y.

Bennett, Sylvester Leonard, Jr. ....................................... Cleveland, Ohio






Brinkley, Henry Douglas .....................................Philadelphia, Pa.
Brown, Charles Luther ....................................... St. Albans, N. Y.
$\rangle_{\text {Browne, }}$ Ivan Francis ......................................New Bedford, Mass.

Bunch, Leon Augustus ............................................................. Va.
Burgess, Edward Lee ........................................................ Mount, N. C.
Butcher, Robert Edwin .........................................Cheyney, Pa.


Chatman, Jonathan Maxwell ....................................Baltimore, Md.
Closson, Leonard Sherwood $\ldots \ldots \ldots . . . . . . . . . . . . . . . .$. . West Chester, Pa.
Coates, Eric Stephen ....................................................................... Pa.

Drew, Eric Ridgeley .............................................................. Va.
Eboh, Enobong Thompson Umoh ............................................... W. A.
Elliston, Alexander ................................................................. York, N.
Ewing, Hugh Augustus ..................................Turks Islands, B. W. I.



Francis, Olric Lorenzo ................................................... Clix, V. I.
Freeman, Charles ............................................................. York, N. Y.
Georges, Neville Gladstone ..................................................... York, N. Y.
©Haines, John William ................................................titsburgh, Pa.
Hall, Edwin John ...................................................................... Md.
Hall, Prince George ......................................................... Bahamas



Hilton, Ronald Peyton .................................................................. J.
Hines, Vancy Thomas ............................................Embreeville, Pa.

Hunter, Louis Francis ......................................... Springfield, Mass.

| Ireland, Michael Kirby . . . . . . . . . . . . . . . . . . . . . . . . . . . Washington, D. C. ${ }_{\text {a }}$ |  |
| :---: | :---: |
|  |  |
| Jackson, Henry Layne | Piladelphia, Pa. |
| Jackson, James, Jr. | Philadelphia, Pa. |
| Jackson, James 'Thomas, Jr. | Pittsburgh, Pa. |
| Jackson, Larry | Philadelphia, Pa. |
| James, Alan Keith | Pittsburgh, Pa. |
| Jay, David William | Bethlehem, Pa. |
| Jefferson, Bernard | Bellport, N. Y. |
| Jefferson, Morris Leon | Pittsburgh, Pa. |
| Jefferson, William | Bellport, N. Y. |
| Johnson, Edward Thomas, III | Washington, D. C. |
| Kasina, Francis Mwaniki | Kenya, E. A. |
| Kelly, Frederick Vincent | Bethlehem, Pa. |
| Kent, George Howard | Hagerstown, Md. |
| King, William Frank | Newark, N. J. |
| Leacock, Darrick Sidney | Atlantic City, N. J. |
| Lewis, Spencer Herbert | Philadelphia, Pa. |
| Lockley, Leonard Kirby | Springfield, Mass. |
| Lukwago, Mugabi Samuel Gordon | Uganda, E. A. |
| McCaskill, Ronald Merwynn | Philadelphia, Pa. |
| McGee, Edward Laney | Ardmore, Pa. |
| McKelvin, Wendell | New York, N. Y. |
| McNeal, Arthur Bedford | Philadelphia, Pa. |
| McNeill, Earle Daniel | Philadelphia, Pa. |
| Maloney, William Leroy, Jr. | Sharon Hill, Pa. |
| Mangum, Bobby Lee | Pottstown, Pa. |
| Mason, Paul Leslie Rufus | Cleveland, Ohio |
| Miller, Lewis Bernard | Baltimore, Md. |
| M Minus, Harold Rossini | New York, N. Y. |
| Montalbano, Carlo | New York, N. Y. |
| Morton, Howard Sidney | Philadelphia, Pa. |
| Neal, Lawrence Paul | Philadelphia, Pa. |
| Nickens, Charles Garfield | . .Pittsburgh, Pa. |
| Parker, Ernest Lėon | Bridgeport, Conn. |
| Pittman, Joffie, Jr. | Philadelphia, Pa. |
| Powell, Charles Arthur | Brooklyn, N. Y. |
| Rakos, Ivan | New York, N. Y. |
| Randleman, Robert Lee | High Point, N. C. |
| Randolph, Robert | Newark, N. J. |
| Ray, Obie Anderson | Philadelphia, Pa. |
| $\cdots$ Royall, John Mabry | Hempstead, N. Y. |
| Sanders, James Edward | Spartanburg, S. C. |
| Sanders, Richard Anderson | New Orleans, La. |
| Saunders, Clifford | Whitesboro, N. J. |
| Saunders, Frederick Jerome | Washington, D. C. |
| Schuster, Lauritz Hurley | St. Croix, V. I. |
| Sears, Nathan Naaman, Jr. | Hollywood, Fla. |
| Seignious, Robert | Farmingdale, N. Y. |
| Sherrod, Alton Ray | Philadelphia, Pa. |
| Simms, Obadiah Lee | Pittsburgh, Pa. |


| Simpson, Douglas Ross | North Braddock, Pa. |
| :---: | :---: |
| Singleton, Robert Ray | Chicago, Ill. |
| Smith, Frankie Francis | Philadelphia, Pa. |
| Spencer, John Bernard | Reading, Pa. |
| $\checkmark$ UStephenson, Herman Lassiter | Newport News, Va. |
| $\checkmark$ Stewart, Charles Alexander | New York, N. Y. |
| Sullivan, Walter Theodis | Philadelphia, Pa. |
| Taylor, Calvin Samuel | St. Albans, N. Y. |
| Taylor, Everett Warren, Jr. | Philadelphia, Pa. |
| Taylor, Shaw Powell | St. Albans, N. Y. |
| Terry, Richard Henry | New York, N. Y. |
| Tindall, Allan Harlan | Ambler, Pa. |
| Upshur, Robert Wesley | Philadelphia, Pa. |
| Wade, Ronald Earl | Pittsburgh, Pa. |
| Walters, Marvin Lee | Suffolk, Va. |
| Washington, James Edward | Donora, Pa. |
| $\sim$ Washington, Robert Harrison | Pittsburgh, Pa. |
| Whittico, Matthew Thomas | Williamson, W. Va. |
| Williams, Eddy Alphonsa | Wayne, Pa. |
| Williams, Lunsford Antonio | St. Croix, V. I. |
| Wright, Leslie Howard | Pittsburgh, Pa. |
|  |  |
| Anderson, Paige Thomas, Jr. | Philadelphia, Pa. |
| Anderson, Richard Edward | Cleveland, Ohio |
| Basmadjian, Haroutune Wahram | Jerusalem, Jordan |
| Beane, Richard Allen, Jr. | Roanoke, Va. |
| Bethel, Wayne | Philadelphia, Pa. |
| Blackwell, Robert Julian | Philadelphia, Pa. |
| Bowser, John Edward | Reading, Pa. |
| Brown, William Carroll | Philadelphia, Pa. |
| Chang, Wei Kong | Lakewood, N. J. |
| Clark, Richard David | Reidsville, N. C. |
| Cook, Louis, Jr. | Pittsburgh, Pa. |
| Crawford, Roger Louis | Philadelphia, Pa. |
| Cupid, Percy Berry | Ambler, Pa. |
| Dade, Ernest Scotland | Montclair, N. J. |
| Davis, Morris Henry | Philadelphia, Pa. |
| Davis, Samuel Leroy | Philadelphia, Pa. |
| Dickerson, Carl Ethridge | Duquesne, Pa. |
| Ellis, Pomri James | Sierra Leone, W. A. |
| Fisher, Arland Roland | Raleigh, N. C. |
| Franklin, Joseph Augustus | Mobile, Ala. |
| George, Habib John | Sierra Leone, W. A. |
| Goodwin, Melvin | Philadelphia, Pa. |
| Gordon, Rudolph Nathaniel, II | St. Augustine, Fla. |
| Grant-Mends, Milton Annique | Sierra Leone, W. A. |
| Hall, Richard Gerald | Princeton, N. J. |
| Hamm, William Glenn | . Oxford, Pa. |
| Hicks, Carl Clement | Harrisburg, Pa. |
| Hopkins, John Thomas | Philadelphia, Pa. |
| Humphrey, Arnold | Huntsville, Ala. |

Hunt, Eugene Irving New York, N. Y.
Hunt, Radcliffe Clyde, Jr. New York, N. Y.
Jones, Humphrey Clarence Turks Islands, B. W. I.
Jones, John Arthur Greenville, S. C.
Joseph, Ronald Mansfelt St. Thomas, V. I.
Kemp, Philip Waverly Pittsburgh, Pa.
Kimani, James Nyoike Kenya, E. A.
Latimer, Jonathan Theodore Washington, D. C.
Lawton, Edward James Philadelphia, Pa.
Lee, Charles Dudley, Jr. .Baltimore, Md.
Lee, Edward Leroy Lincoln University, Pa.
McCoy, Robert Rogers Roxbury, Mass.
McDaniel, Richard Allen ..... York, Pa.
McMillan, Bruce Michael
Odessa, Tex.
Mills, Judson Chappelle Suffolk, Va.
Nylander, Renzo Christopher Desamu Sierra Leone, W. A.
Okon, Fabian Edet ..... Nigeria, W. A.
Ollison, Cedric Douglas Pittsburgh, Pa.
Plinton, Charles Allen ..... Westfield, N. J.
Renner, Chrispin Joseph Sierra Leone, W. A.
Reynolds, Andrew Buchanan ..... Winston-Salem, N. C.
Richards, Donald Writt ..... Pittsburgh, Pa.
Richards, Russell DuBois
St. Croix, V. I.
Roebuck, Bernard Edwin Leroy St. Thomas, V. I.
Rollins, Robert Swails ..... Jamaica, N. Y.
Schuster, Albert Hallett ..... St. Croix, V. I.
Scott, Austin DeWitt Lincoln University, Pa.
Sherman, George Halson Nassau, Bahamas
Simms, Morris Allen Philadelphia, Pa.
Slaughter, Lynnard James .Pittsburgh, Pa.
Smith, Billy Ray .Bryan, Tex.
Spriggs, Ray Vernon West Chester, Pa.
Taylor, Richard Alphonza Suffolk, Va.
Terry, Paul Supplee, Jr. Philadelphia, Pa
Thames, Marion Stanton
.St. Louis, Mo.
Titus, LeRoy Robert Pittsburgh, Pa.
Trappier, Arthur Shives Brooklyn, N. Y.
Tull, Frederick Henry Philadelphia, Pa.
Tyler, James Ralph Pittsburgh, Pa.
Williams, Stanford Taylor Pittsburgh, Pa.
Winston, Ennis Douglas ..... Jersey City, N. J.
Wood, Howard Douglass Philadelphia, Pa.
Junior Class
Abu-Hijleh, Ali Taher Nablus, Jordan
Alexander, Gordon George ..... Philadelphia, Pa.
Barlow, James Luther Philadelphia, Pa.
Barnes, Carl Alfred Reading, Pa.
Batipps, Donald Herbert ..... Media, Pa.
Berry, Frank Weldon, Jr. Rock Hill, S. C.

Brooks, John Lewis ..................................................... Washington, D. C.
Brown, Burrell Thomas, III........................................... Philadelphia, Pa.
Brown, James Walker ................................................ Kennett Square, Pa.
Bryant, Fletcher Juan ..................................................... Philadelphia, Pa.
Burden, Sige ......................................................................... Pittsburgh, Pa.
Burgette, James Milton ....................................................... Pittsburgh, Pa.
Burks, James William .......................................................... Roanoke, Va.


Clark, Donald Paul ........................................................... Belmar, N. J.
Crenshaw, Raymond ........................................................ Arthur, Tex.
Clarke, Alan ................................................................ . . . Boston, Mass.
Daniel, Russell Parrish, Jr. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Johnstown, Pa.

Fadika, Abu Bakar .................................................. Sierra Leone, W. A.
Gaither, George Emory . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Glen Burnie, Md.
Ghant, William Austin .................................................Trenton, N. J.
Godet, John Alexander . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Turks Islands, B. W. I.
Goins, Warren Harvey . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Brooklyn, N. Y.
Goodwin, Harry Russell ........................................................
Greenidge, Hugh Gordon ...........................................................

Harris, Arthur James ...................................................... Dresher, Pa.
Hawkins, Frederick Campbell, Jr. .................................... Philadelphia, Pa.

Ivey, Timothy .............................................................. Pittsburgh, Pa.
Jefferson, George .....................................................................

Jonah, James Omotayo . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Sierra Leone, W. A.
Kean, Orville Edward ................................................ . . St. Thomas, V. I.


Lawaha, Ahmed Shire ........................................... . . . Somalialand, E. A.
Lee, Charles Richard ............................................ Toughkenamon, Pa.
Levins, Robert, Jr. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Philadelphia, Pa.
Meyers, Timothy Cervera, Jr. ....................................... . . . . Savannah, Ga.
Mikell, Charles Donald ................................................. McKeesport, Pa.
Moses, Edwin Vardry ............................................................ Pittsburgh, Pa.
Neal, George Francis .................................................. Christiana, Del.
Oxley, Eric Clodian ...................................................... . Harrisburg, Pa.
Perrine, Theodore Albert, Jr. . ...................................... . . . Philadelphia, Pa.

Powell, Alex Thenia . ................................................... . . . . Duquesne, Pa.
Rainer, Robert Edward . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Trenton, N. J.
Reed, Byron Harvey . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Yeadon, Pa.

Roach, Lee Blanch, Jr. ................................................. Philadelphia, Pa.


Robinson, Thomas Irving ........................................... Philadelphia, Pa.
Sawyer, Samuel Ebun . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Sierra Leone, W. A.
Scott, Jacob Reginald Washington, D. C.
Skinner, Howard George Philadelphia, Pa .
Smith, Clinton Lee Philadelphia, Pa.
Smythe-Macaulay, Donald Charles Sierra Leone, W. A.
Spaulding, Theodore O., Jr. Philadelphia, $\mathbf{P a}$.
Stewart, Ronald Douglas ..... Lincoln University, Pa.
Thomas, Norman Cordell Lothian, Md.
Tucker, William Philadelphia, Pa.
Turner, Lincoln ..... Yardley, Pa.
Walker, Whitney Wilson Darby, Pa.
W. A.
Wootson, Isaiah ..... Chester, Pa.
Young, John Lamonte Chester, Pa .
delphia,
Pa .
Senior Class
Akpabio, Paul Udo Nigeria, W. A.
Akpaidiok, Sunny Samuel ..... Nigeria, W. A.
Anderson, Jesse Fassett Philadelphia, Pa.
Andress, John Richard Oxford, Pa.
Andrews, Enos Trent Philadelphia, Pa.
Armstrong, Albert Rubin Philadelphia, Pa.
Arraf, Emile Jeries Mi'ilya-Meona, Israel
Barrick, Warren Allen Rosemont, Pa.
Billington, Clyde Mark Hartford, Conn.
Bivins, Robert Warren Philadelphia, Pa.
Boulware, Frederick Thornton Rock Hill, S. C.
Boulware, Joseph Howard Chester, S. C.
Cato, Ralph James Pittsburgh, Pa.
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Cottingham, Clement Ambler, Pa.
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Dukes, Howard Clifford Philadelphia, Pa.
Durr, Herman Charles Pittsburgh, Pa.
Edwards, Norman Allen ..... Jamaica, N. Y.
Ellis, 'Theodore Alexander Norristown, Pa.
Essandoh, Samuel Obonku ..... Ghana, W. A.
Fisher, George Alfred Philadelphia, Pa.
Gaskill, William Jackson Philadelphia, Pa.
Grant, Warren Alexander West Chester, Pa.
Greene, Richard Orange, N. J.
Griffin, Seabron Douglas Washington, D. C.
Haley, Ronald Anthony East Elmhurst, N. Y.
Harrison, Lawrence Michael Brooklyn, N. Y.
Herzi, Abdurahman Nur Somalialand, E. A.
Jay, Richard CallowayBethlehem, Pa.
Jones, Clifford Stanley Turks Islands, B. W. I.
Jones, George Brandt Steelton, Pa.

| Kang, Tai S |  |
| :---: | :---: |
| ffer, Donald |  |
| Kendrick, Donald Gene |  |
| Lanchester, Samuel Joen |  |
| Pal Bo |  |
| Livingston, Andrew, Jr. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Norristown, Pa. |  |
| undy, Charles Chester Donald ...............................Philadelphia, Pa. |  |
| Cown, Coleman | - |
| Miller, William Webster . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Brooklyn, N. Y. |  |
| Mirreh, Hassan Ali . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Somalialand, E. A. |  |
|  |  |
| Norton, Norman Wesley . . . . . . . . . . . . . . . . . . . . . . . . . . . . Philadelphia, Pa. |  |
| Ojera, Alexander Arthu | Uranda E A |
| Okorie, Samuel Achinivu |  |
| Peeler, Paul Lawrence ...............................................ittsburgh, Pa. |  |
| nder, James Alb | elphia, |
| Redd, Deborah Gertrude ..................................... Philadelphia, Pa. |  |
| Rice, David ....................................................... . ${ }^{\text {Memphis, Tenn. }}$ |  |
| Riley, Martin Upshur | Philadelphia, Pa. |
| Robinson, Arthur James .....................................Lumberton, N. C. |  |
| Schuette, Dorothy Bedwell | Port Deposit, M |
| Scott, Joseph Hurlong ............................................ Newark, N. J. |  |
| Scott, Nolvert Preston, | Washington, D. |
| Sims, Coiet Freamon ........................................... Aliquippa, Pa. |  |
| Smith, Robert George . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Philadelphia, Pa. |  |
| Taliaferro, Addison Er | Springfield, M |
| Taylor, Harold . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Trenton, N. J. |  |
| Thomas, Herbert Malama . . . . . . . . . . . . . . . . . . . . . . . . . . Sierra Leone, W. A. |  |
| homas, Herman Hoi | ..... Harrisburg, Pa. |
| Tildon, John Wesley Haywood . . . . . . . . . . . . . . . . . . . . . . . . Tuskegee, Ala. |  |
| Trucheart, Norman Henry . . . . . . . . . . . . . . . . . . . . . . . . . . North Adams, Mass. |  |
| Walls, James Allen ........................................................ . . Oxford, Pa. Warden, James Monroe ................................................. . Brooklyn, N. Y. |  |
|  |  |
| Warrington, Alphonso Colemian, Jr. . . . . . . . . . . . . . . . . . . . . . . . Baltimore, Md. |  |
| Waters, David Charles ........................................... Trenton, N. J. |  |
| Watson, James Chestnut. ........................................ Trenton, N. J. |  |
| Whitley, Bruce Burgess ......................................... Pittsburgh, Pa. |  |
| Williams, George James .................................... Los Angeles, Calif. |  |
| Williams, Howard Conrad ............................... Atlantic City, N. J. |  |
| Wilson, Clarence Vernon, Jr. ..................................... Boston, Mass. |  |
| Wilson, Herman .............................. . . . . . . . . . . . . . . . . . Tyler, Tex. |  |
| Wren, Robert Elbert . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Baltimore, Md. |  |
| ng, Watt Henry |  |

## Unclassified

| Anderson, Johnnie, | mi, Fla. |
| :---: | :---: |
| Carson, Mildred | Philadelphia, Pa. |
| Day, William Edward, Jr. | Baltimore, Md. |
| Eichelberger, William Leon | Greensboro, N. C. |
| Ekaeba, Bassey Etim | Nigeria, W. A. |


Special
Bivins, Eugene Stewart ................................................... Philadelphia, Pa.
Hevener, Charles William .....................................................
Hooper, Helen Miller . ................................................ Cochranville, Pa.
Kavanagh, Paul Aloysios, Jr. ............................................................... Pa.
Murray, Phyllis Dorothea ....................................... Lincoln University, Pa.
Poindexter, George Wallace . ........................................... Hockessin, Del.
Schwartz, Elizabeth S. ........................................... Lincoln University, Pa.
Smith, Emalie M. ............................................................ Avondale, Pa.

## THE COLLEGE

## 1956-57

Summary
Senior ..... 76
Junior ..... 73
Sophomore ..... 74
Freshman ..... 117
Unclassified ..... 7
Special ..... 8
Total ..... 355
An analysis of the geographical distribution of the 355 students in the College Department is as follows:
New England States South Atlantic States
Connecticut 4 District of Columbia ..... 10
Massachusetts 9 Florida ..... 4
Georgia ..... 2
13 North Carolina ..... 8
South Carolina ..... 5
West South Central States Virginia ..... 11
Louisiana West Virginia ..... 1
Texas ..... 4
5
Middle Atlantic StatesFar Western StatesCalifornia1
Delaware ..... 2
Maryland ..... 12
New Jersey ..... 19
New York ..... 36
Pennsylvania ..... 164
233
East North Central States
Illinois ..... 1
Ohio ..... 45 Nigeria
United States Possessions
Virgin Islands ..... 99
Foreign
Africa ..... 26
Ghana ..... 2
2
Kenya
611
Central States .....
3 .....
3
Somaliland
SomalilandMissouriSierra Leone
2
2
Uganda
Uganda
3
3
Bahamas
Bahamas ..... 2
British West Indies ..... 6
Israel ..... 1
East South Central States
Jordan
Jordan ..... 2 ..... 2
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Alabama
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[^1]
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Index
Absences ..... 34
Intercollegiate Athletics ..... 80
Academic Regulations ..... 30
Accreditation ..... 20
Administration ..... 20
Admission ..... 22
Alumni Association ..... 98
Art ..... 46
Athletic Program ..... 80
Assembly ..... 79
Astronomy ..... 54
Bequests ..... 85
Biology ..... 50
Buildings ..... 82
Business Administration ..... 58
Calendar ..... 7
Chemistry ..... 51
Classification of Students ..... 34
Co-Education ..... 18
Conduct Regulations ..... 80
Courses of Instruction ..... 37
Degrees conferred ..... 86
Deposit, Breakage ..... 25
Directory of Students ..... 89
Dismissal ..... 35
Dormitory Regulations ..... 79
Economics ..... 59
Education ..... 67
Election of Courses ..... 30
English ..... 38
Examinations ..... 33
Expenses ..... 24
Faculty ..... 11
Family Housing ..... 25
Fraternities ..... 77
French ..... 43
General Business Course ..... 30
General Science ..... 30
German ..... 43
Grading System ..... 33
Graduation Requirements ..... 36
Greek ..... 41
Health Program ..... 76
History ..... 69
History of Lincoln University ..... 18
Honors ..... 36
Late Registration ..... 24
Latin ..... 41
Location ..... 18
Major Requirements ..... 31
Mathematics ..... 54 ..... 54
Matriculation ..... 24
Miscellaneous Fees ..... 25
Music ..... 44
Objectives ..... 21
Payment of Fees ..... 25
Philosophy ..... 46
Physical Education ..... 69
Physics ..... 53
Political Science ..... 65
Pre-engineering ..... 28
Pre-law Course ..... 27
Pre-medical Course ..... 27
Preparation for Teaching ..... 28
Pre-theology Course ..... 28
Prizes ..... 72
Probation ..... 35
Programs of Study ..... 27
Psychology ..... 68
Refunds ..... 26
Religion ..... 47
Religious Opportunities ..... 76
Scholarships ..... 71
Seminary ..... 18
Social Work ..... 29
Sociology ..... 61
Spanish ..... 44
Speech ..... 40
Student Employment ..... 72
Student Organizations ..... 77
Transfer Students ..... 23
Trustees ..... 9
Visitors ..... 81
Welfare of Students ..... 77
Withdrawal ..... 24


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[^0]:    *Required for admission.

[^1]:    *Nominating Committee

