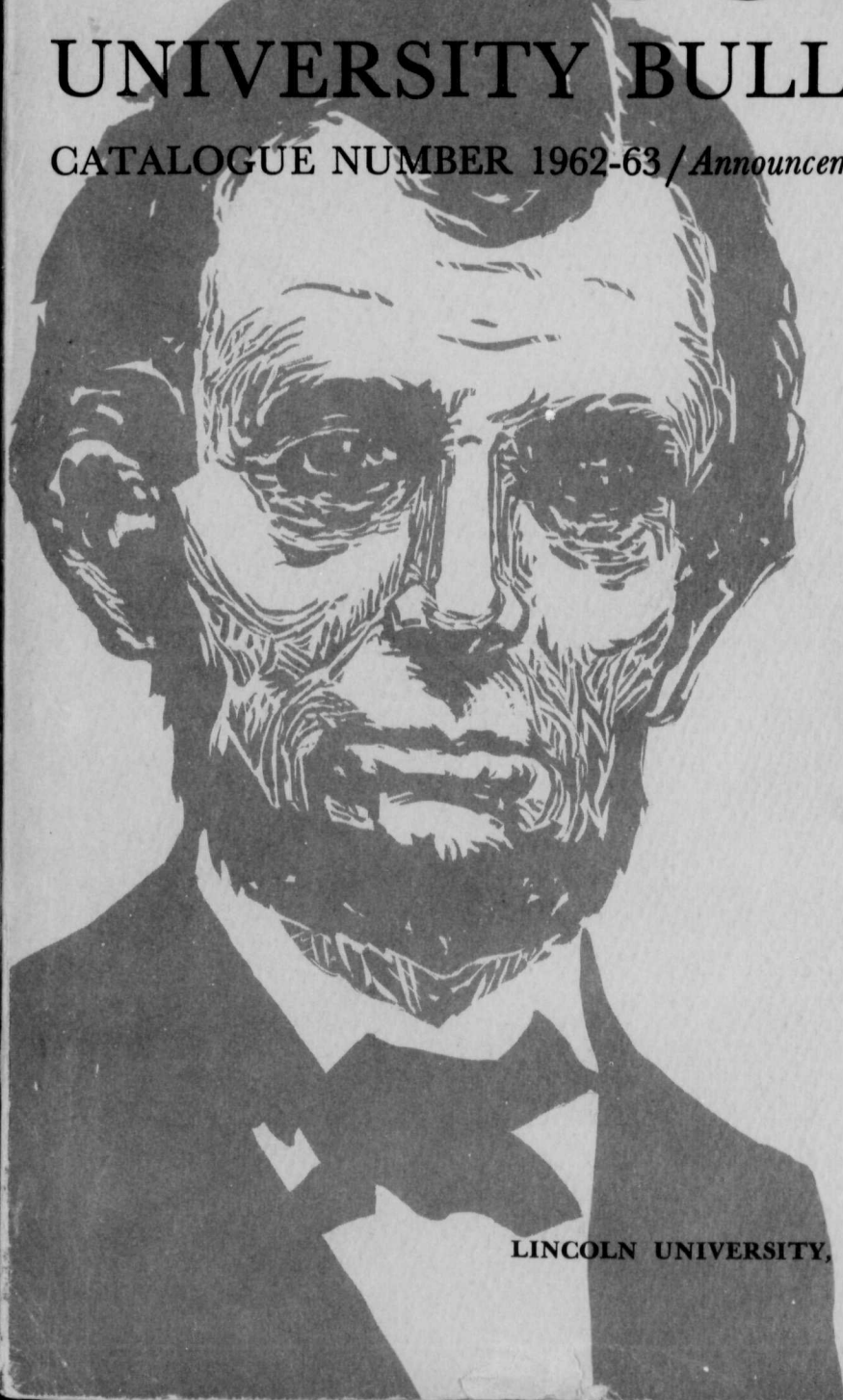


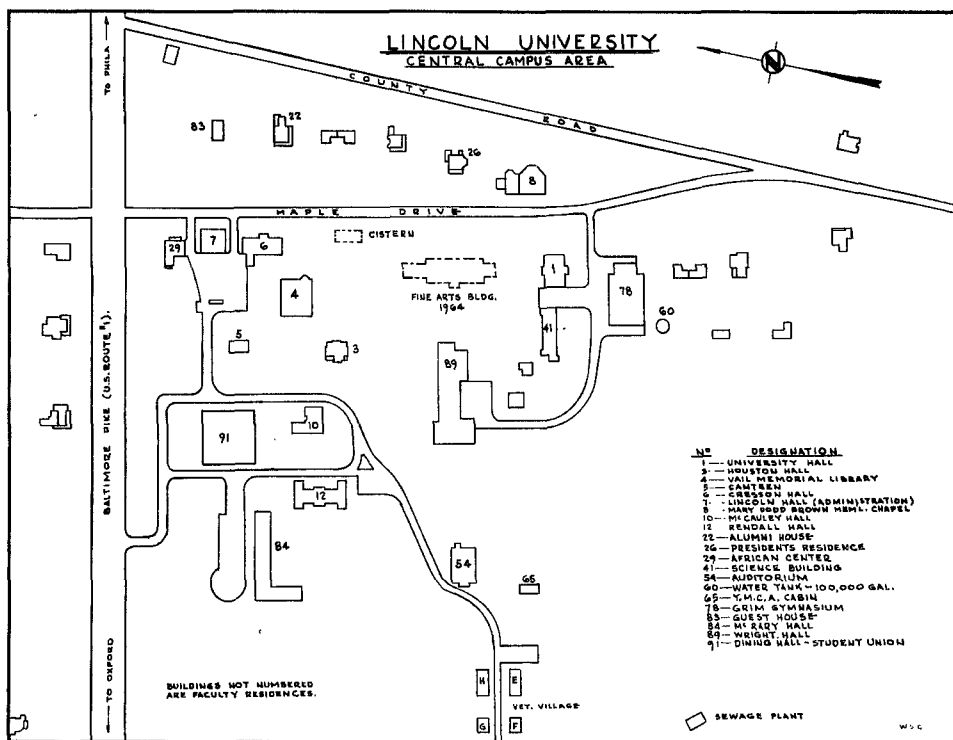
LINCOLN

UNIVERSITY BULLETIN

CATALOGUE NUMBER 1962-63 / *Announcements, 1963-64*



LINCOLN UNIVERSITY, PENNSYLVANIA



CORRESPONDENCE WITH LINCOLN UNIVERSITY

Communications should be addressed to the appropriate administrative officer.

GENERAL INFORMATION

The Office of Public Information

ACADEMIC STANDING OF STUDENTS

The Dean of the College

ADMISSIONS

The Counselor on Admissions

SCHOLARSHIPS, AND REQUEST 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 Placement Counselor

ALUMNI RELATIONS

The Director of Alumni Relations

The Post Office address is Lincoln University, Pennsylvania

The Office telephone number is 932-8300 (Area Code 215)

Visitors to the campus are welcome. Those desiring accommodations should contact the Dean of Students in advance. 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, see inside back cover.



Catalogue

THE LINCOLN
UNIVERSITY

1962-63

*The 109th University Year
Announcements for 1963-64*

SPRING 1963

Entered as second-class matter at the Post Office, Lincoln
University, Pennsylvania, under the Act of July 16, 1894.

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University Calendar

110th University Year

THE FIRST SEMESTER

1963	
September	12-16.. Freshman Orientation Week
September	17... Registration 8:00 a.m. Tuesday
September	18... Classes begin 8:00 a.m. Wednesday
November	11-16.. Mid-Semester Tests
November	20... Thanksgiving Recess begins 12:00 noon Wednesday
November	25... Thanksgiving Recess ends 8:00 a.m. Monday
December	21... Christmas Recess begins 12:00 noon Saturday
1964	
January	3... Christmas Recess ends 8:00 a.m. Friday
January	22... Final Examinations begin 8:00 a.m. Wednesday
February	1... Final Examinations end 12:00 noon Saturday

THE SECOND SEMESTER

February	3... Registration 8:00 a.m. Monday
February	4... Classes begin 8:00 a.m. Tuesday
March	16-21.. Mid-Semester Tests
March	21... Spring Recess begins 12:00 noon Saturday
March	29... Spring Recess ends 8:00 a.m. Monday
May	27... Final Examinations begin 8:00 a.m. Wednesday
June	4... Final Examinations end 5:00 p.m. Friday
June	7... Baccalaureate Service 10:30 a.m. Sunday
	Commencement 2:00 p.m. Sunday

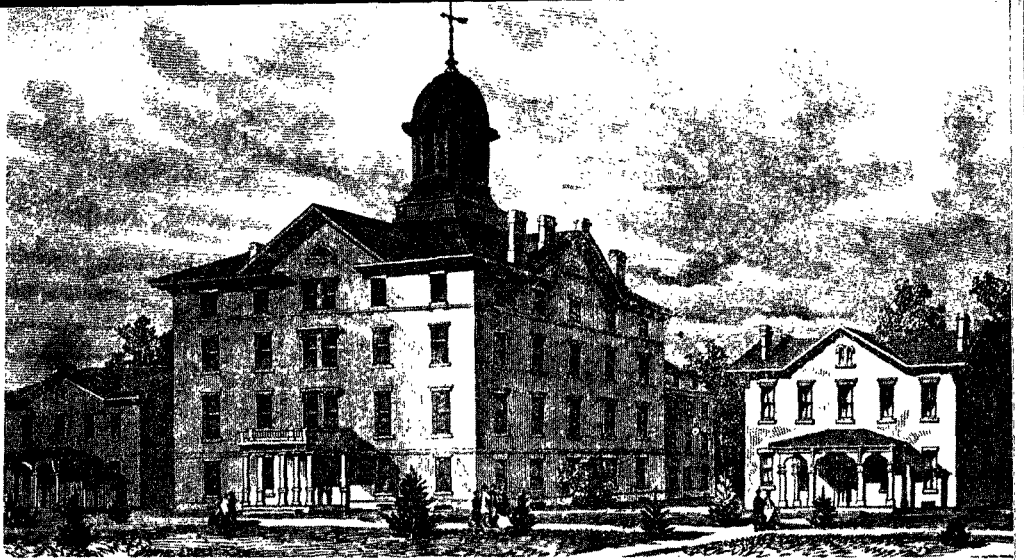
111th University Year

THE FIRST SEMESTER

1964	
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... Thanksgiving Recess ends 8:00 a.m. Monday
December	19... Christmas recess begins 12:00 noon Saturday
1965	
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 12:00 noon Saturday

THE SECOND SEMESTER

February	1... Registration 8:00 a.m. Monday
February	2... Classes begin 8:00 a.m. Tuesday
March	15-20.. Mid-Semester Tests
March	20... Spring Recess begins 12:00 noon Saturday
March	29... Spring Recess ends 8:00 a.m. Monday
May	26... Final Examinations begin 8:00 a.m. Wednesday
June	4... Final Examinations end 5:00 p.m. Friday
June	6... Baccalaureate Service 10:30 a.m. Sunday
	Commencement 2:00 p.m. Sunday



Lincoln University in the 1860's

Introduction to Lincoln University

Founded in 1854, Lincoln University is the oldest college in the United States having as its original purpose the higher education of Negro youth. Since 1866 it has proved a superior liberal arts education to student "of every clime and complexion." Few universities in this country enroll a comparably large percentage of students from other countries.

The campus 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. 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 or bus.

The college is nonsectarian, privately controlled and state aided.

Those who come to Lincoln will share a rich heritage and a promising future. Lincoln men have gone forth to make significant contributions in the professions and business. The Lincoln student of today has the opportunity to equip himself through a basic training in the liberal arts of service in the professions, business, education, social and governmental service. His experience will be enriched by association with students of many races and creeds coming from many parts of the world.

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.

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.

Accreditation

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.

History

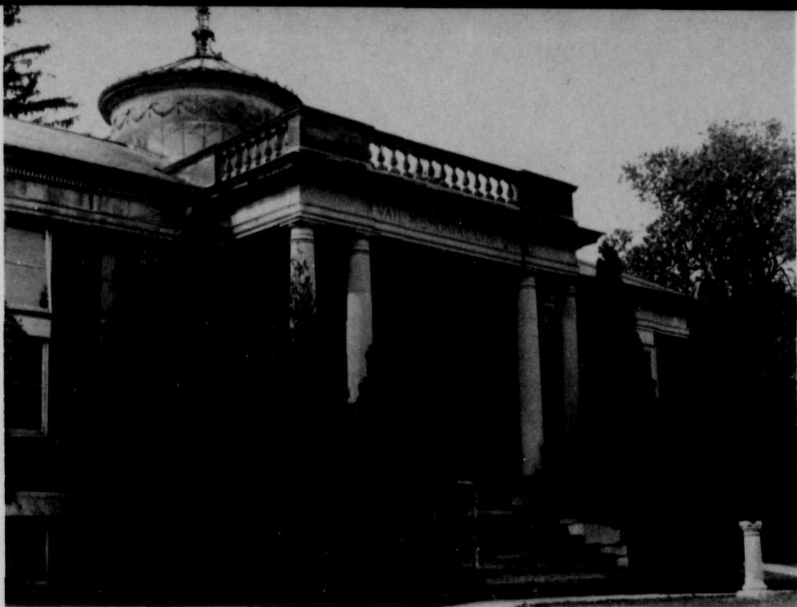
The story of Lincoln University goes back to the early years of the nineteenth century. The founder of the university, John Miller Dickey, was born in Oxford, Pennsylvania in 1806. At the age of twenty-six he became, as his father had been, minister of the Oxford Presbyterian Church. His wife, Sarah Emlen Cresson of Philadelphia, inherited a long family tradition of service and philanthropy through the Society of Friends. Together, they worked to establish the institution which became Lincoln University.

In August of 1853, Rev. Dickey preached a sermon in the Oxford Presbyterian Church in which he first proposed the founding of the college. In October of that year the Presbyterian General Assembly approved his plan for the establishment of "an institution to be called Ashmun Institute, for the scientific, classical, and theological education of colored youth of the male sex." On April 29, 1854, the new school received its charter from the Commonwealth of Pennsylvania.

On changing the name of the Institute to Lincoln University in 1866, John Miller Dickey said that the institution was adopting new and extended goals. It now proposed to teach on the University level, and 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 interracial 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 division—the Theological Seminary.



Vail Memorial Library

Isaac N. Rendall resigned in 1905, after forty years of conducting an institution that graduated leaders as extraordinary 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, Professor of Romance Languages and later Mr. Donald C. Yelton, University Librarian, served as Acting Presidents. In the summer of 1961, Dr. Marvin Wachman was appointed President of the University.

Since the turn of the century a growing number of Lincoln alumni have gone on into graduate study for the various professions — most notably, medicine, dentistry, law, and education. Today more than 50% of Lincoln's graduates continue their education at the graduate level.

Lincoln University offers instruction in the liberal arts to all who show promise of profiting by it. In reckoning that promise, race is, of course, irrelevant.

Attainment of more than the token integration which has long existed is a corollary of this purpose, and a prime goal.

The growing diversity of Lincoln students in color, national origin, and economic and cultural background makes the rather isolated campus a natural setting for intergroup relations, and the University hopes that a distinctive feature of a Lincoln education will be a greater sensitivity to human relations and a better understanding of group dynamics.

Resources

The property of the University encompasses 350 acres of land, of which part is farmed, part is woodlot, and part is campus. There are 17 main buildings on the campus and 24 faculty residences. A new science building (Wright Hall), opened in 1960, provides facilities for the latest instruction in physics, chemistry, and mathematics. The new student union-dining center will be completed this year. Within the next two years Lincoln will have available a new fine art-humanities building.

The library, which contains over 80,000 volumes and receives over 430 different periodicals per year, is considered to be one of the finest for a college of Lincoln's size.

A majority of the full time members of the faculty hold the doctor's degree.

The University own endowment funds of \$1,526,000, and buildings and grounds having a book value of \$2,825,000.

Reading Room — Vail Memorial Library



Admission

Those who wish to apply for admission to Lincoln University should write to the Counselor on Admissions (address: Lincoln University, Pennsylvania) for application forms. One part of the form should be filled in and returned to the Admissions Office. The other part should be submitted to the Principal or Head Master of the applicant's secondary school to be filled out and returned directly to the Admissions Office by the applicant's school. It is strongly recommended that application be made before March 1, of the calendar year in which the applicant wishes to enter Lincoln University. All applicants will be informed of the decision of the Committee on Admissions.

ADMISSION BY CERTIFICATE

Each candidate for admission 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:

<i>Subjects</i>	<i>Units</i>
*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
	<hr/>
	15

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 Committee on Admissions may, at its discretion, accept equivalent preparation.

ENTRANCE EXAMINATIONS

All candidates for admission are required to take the Scholastic Aptitude Test prepared and administered by the *College Entrance*

* Required for admission.

Examination Board, unless excused by the Committee on Admissions. It is recommended that the candidates take this test in December, January or February of the year in which they wish to be admitted. It is further recommended that each candidate take the English Composition Achievement Test and two additional tests in the College Board series.

Information and application forms for the tests should be secured from the *College Entrance Examination Board* at one of the following addresses (whichever is closer to the candidate's home or school): *P.O. Box 592, Princeton, New Jersey*, or *P.O. Box 27896, Los Angeles 27, California*.

The candidate is responsible for requesting that his test scores be sent to Lincoln University — either by indicating Lincoln University on his College Board application blank or, if he failed to do this, by special request to the College Board office.

Applicants from outside United States territory must submit the results of examinations given by their respective schools, such as the Local Examinations of the English Universities.

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 Counselor on Admissions 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 who has been enrolled less than two semesters at Lincoln University, will be recommended for a degree.

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



Wright Hall — New Science Building

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 Office of the Dean of Students.

Expenses 1963-64

STANDARD CHARGES FOR FULL-TIME ATTENDANCE

	<i>Per Semester</i>	<i>Per Year</i>
Tuition (12 to 18 hours)	\$350.00	\$ 700.00
General Fee (Covers charges for library, health, athletic events, and non-academic student activities)	60.00	120.00
<hr/>		
Sub-total (Applicable to both Day and Resident Students)	410.00	820.00
Board	205.00	410.00
Room (Average rate)	140.00	280.00
<hr/>		
Total (Applicable to Resident students)	755.00	1,510.00

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.

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

MISCELLANEOUS FEES

(Assessed according to class standing, course of study, or other particular circumstance of the student)

Freshman Week	\$12.00	
Matriculation	12.00	
Laboratory	3.00	to \$15.00
Practice Teaching	25.00	
Graduation	15.00	
Transcript (After first one)	1.00	
Late Registration	5.00	
Late Payment (Each occurrence)	3.00	
Breakage Deposit	15.00	
Service Charge (On installment plan payments)	5.00	

Miscellaneous Fees are assessed as the student incurs them. They are payable in addition to Standard Charges for full-or part-time attendance.

Part-time students charged for tuition at the rate of \$25.00 per semester hour. Other students are charged the same rate for each semester hour in excess of eighteen.

The Breakage Deposit is required of each new or re-enrolled student. The balance in the deposit must be maintained at the \$15.00 level during the period of enrollment. It is held as a reserve against assessments for damage to or failure to account properly for University property of any kind. The unexpended balance in the deposit is refundable after graduation or withdrawal of the student, either as credit against any unpaid school bills, or in cash if school bills have been settled.

A \$15.00 Room Deposit is required of each student in order that a place may be reserved for him in a dormitory or other housing accommodation. New students should mail the deposit as soon as admission to the University has been granted. Other students should make the deposit by July 1. The deposit is not refundable. It is credited toward the school bill of the student upon his registration.

REGULATIONS GOVERNING PAYMENT OF EXPENSES

Unless other arrangements are specifically agreed upon in consultation or correspondence with the Office of Vice President for Business and Finance, the bill for tuition, fees, room and board is due and payable in full within 21 days following the announced date of registration for each semester.

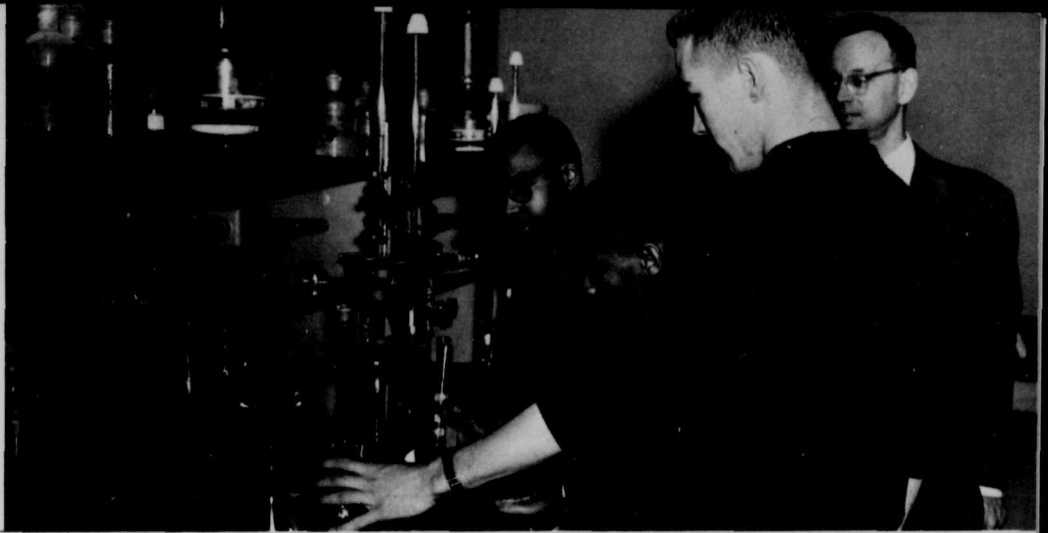
As a convenience for those who may be unable to make full settlement of the bill at the beginning of each semester, the University extends to students or their parents the opportunity of paying on the installment plan. Under this arrangement, the first installment is due, without special billing, not later than the announced date of registration for each semester. The minimum amount of the first installment is \$250.00 for resident students and \$100.00 for nonresident students. The balance of the bill is subject to a \$5.00 service charge. The schedule of payments on the installment plan is as follows:

For the First Semester

- First installment due one week before registration
- Second installment due November 1
- Third installment due December 1
- Final installment due January 1

For the Second Semester

- First installment due one week before registration
- Second installment due March 1
- Third installment due April 1
- Final installment due May 1



Science Laboratory

Remittances for school expenses should be made payable to Lincoln University and addressed to the attention of the Vice President for Business and Finance.

No student is eligible to attend classes or engage in any other University activity until all financial arrangements have been completed in accord with these regulations or approved pursuant to them.

Students are expected to take an active interest in management of the day to day details of their school finances. 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 services through dealing with students who share in the concern for most effective use of funds being invested in their educational future.

REFUNDS

Tuition is refundable upon withdrawal of a student for reasons other than disciplinary 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	0%

A proportionate refund or reduction of the charge for *board* will be made upon withdrawal or absence of a student for a period of six weeks or more, provided that in the case of withdrawal, notice is given to the Vice President for Business and Finance at that time.

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

Scholarships, Aid to Students, Prizes

University Scholarships

The College 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 scholarship. Preference is given to those with high scores on the College Entrance Board Examinations, an excellent record in an accredited high school, and demonstrated need. 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 Loan Funds

Lincoln University participates in the National Defense Student Loan program. From a fund, consisting of 1/10 institutional financing and 9/10 federal financing, loans are made to needy students. A student may borrow up to \$1,000 a year if he qualifies academically and can prove his need. Preference is given to those who plan to teach in public schools as well as to those in the field of natural science, mathematics, and modern foreign language.

Lincoln University also participates in the United Student Aid Funds, Incorporated. Under this program a qualified student may after his freshman year borrow up to \$1,000 annually, or a combined total of \$3,000 during his undergraduate enrollment.

Student Employment

The Lincoln University does not undertake to guarantee employment to all students. However, 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 annually by the local Epsilon chapter, 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 1937 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 \$1,330.00 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 \$1,410. 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.

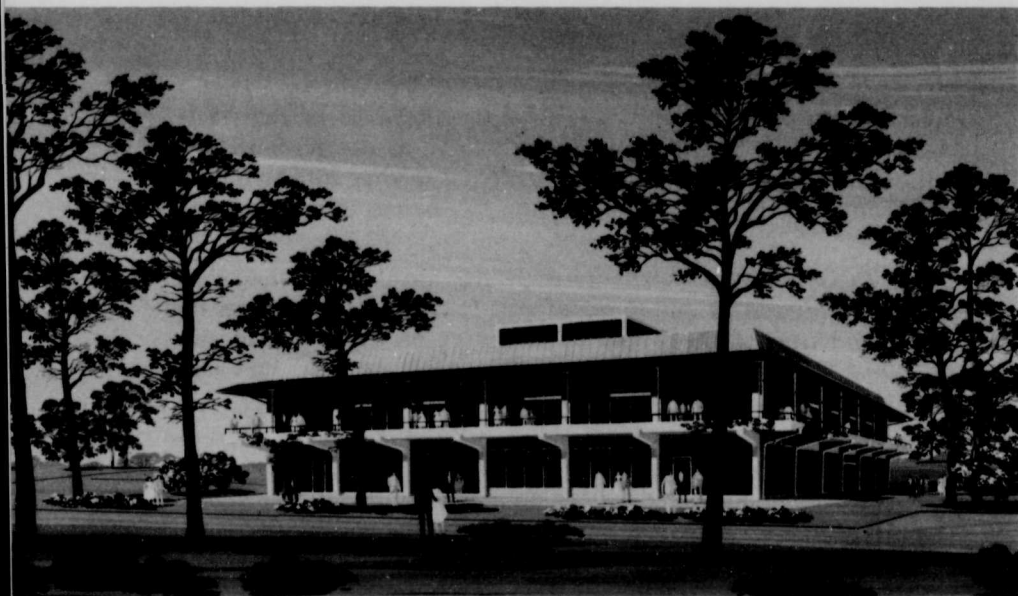
GENERAL PRIZES

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 one thousand 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 two 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 who best combine the qualities of scholarship and Christian character.



Dining Hall and Student Union Building

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, interracial and inter-group cooperation on a world level.

THE ROBERT M. LABAREE ESSAY PRIZE IN THE SOCIAL SCIENCES—awarded biennially to a member of the junior or senior class, the income from \$200 contributed by Dr. Leonard W. Labaree, nephew of the late Professor Robert M. Labaree.

THE SILAS F. TAYLOR MEMORIAL PRIZE, the income from \$500.00, donated by the friends of the late Mr. Taylor, to be given to the valedictorian of the graduating class.

THE EASTERN LONG ISLAND CHAPTER AWARD of \$100.00, given to the student most proficient in the field of science.

THE ROHM AND HAAS FELLOWSHIPS, an annual grant of \$2,500.00 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

Student Organizations and Activities

Through a wide variety of organizations and clubs, the college provides suitable extracurricular outlets for all students, channels through which student opinion may be expressed and a method for the development of student leadership and responsibility.

The Lincoln University Student Senate, organized in 1946, is the student government organization which cooperates with the University Committee on student personnel and the Committee on student welfare in matters relating to student government, activities and conduct.

LECTURES AND RECITALS — 1962-63

TURNAU OPERA

NATALIE HINDERAS, *Pianist*

CAROLYN STANFORD, *Contralto*

OTTOMAR BORWITZKY, *Cellist*

URSULA ZOLLENKOPF, *Contralto*

In addition, Chester Bowles, special advisor to the President; Governor William Scranton; former Governor George Leader; Franklin Williams of the Peace Corps; and Lucius Battle, Assistant Secretary of State have been among the recent lecturers and visitors on the campus.

Shirley Verrett Carter internationally famous mezzo-soprano





The Honorable Chester Bowles, Special Representative and Adviser to the President on African, Asian, and Latin American Affairs (left) and President Marvin Wachman in Emancipation Proclamation Centennial Assembly

Clubs reflecting special interests such as Biology, Chemistry, Chess, Debating, English, Philosophy, and Political Science; organizations such as the International Student Union and the African Students Union; intercollegiate and intramural sports; societies of a scholarly or religious nature, and both cultural and social activities are represented in the following sampling:

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.



Scene from Andreyev's "He Who Gets Slapped"

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.

THE UNIVERSITY GLEE CLUB is an organization which has won considerable respect for its musical ability. Membership is open to all students of the college after semiannual tryouts, and/or the consent of the Director. Members in good standing are eligible to receive one credit hour yearly upon recommendation of the director. The Glee Club sings three annual programs: the Christmas Musicales; the Spring Concert; the Commencement Concert. In addition to accepting frequent off-campus engagements, the members of the Glee Club look forward to an annual visit to the New York - New England area.

THE UNIVERSITY ENSEMBLE is a vocal group of twelve singers picked from the Glee Club. There is a stipend attached to the services of the Ensemble, which furnishes the music for the Sunday Chapel services, as well as for the weekly assemblies. The Ensemble accepts engagements where a smaller group is needed and usually supplies a group of numbers on Glee Club programs.

The repertory of both organizations is varied and includes music from the masters of choral music and musical comedy, as well as popular ballads of the contemporary idiom.



Editorial office of the Lincolnian

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.

Recreational and Physical Welfare of Students

A wide variety of formal and informal discussions, coffee hours, and social events are held in the main lounge of the new guest house.

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

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.

Dormitories

The College buildings used as dormitories accommodate about 335 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 pillowcases, 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.

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

Laundry

Sheets and pillowcases are laundered by the University without any additional charge to the student. Students are responsible for the remainder of their laundry. Coin machines for washing and drying clothes are in two of the dormitories. There are also wash tubs in the laundry rooms. Many students get their dress shirts laundered in nearby Oxford.

College Assemblies

College weekday assemblies are usually held on Wednesday at noon. The exercises are informative and instructional. At times they may be in the form of musical recitals.

Attendance at 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.

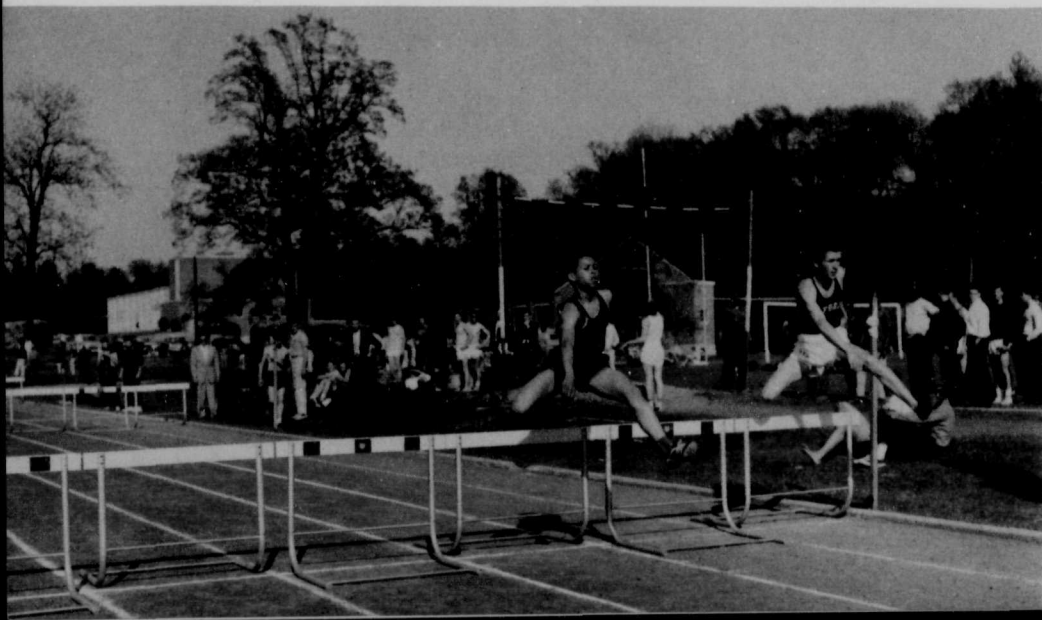
The Athletic Program

Physical education, as well as the program of intercollegiate athletics is 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.

The Lincoln University Relays, sponsored by the athletic department, are a major event for high schools within a radius of 25 miles



INTERCOLLEGIATE ATHLETICS

The objective of the program of intercollegiate athletics is 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 conferences:—N.C.A.A., E.C.A.C., N.A.I.A., I.C.A.A.A., and D.V.C.



International interest in soccer accounts for a strong team which won 6 of 7 games last season

Buildings

On the campus are the following buildings:

UNIVERSITY HALL, 1891, built by undesignated funds, a three-story 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.



Mary Dod Brown Memorial Chapel

Lincoln Hall



LINCOLN HALL, built by undesignated funds in 1866, completely remodeled in 1961-62 and now used as an administration building.

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, a dormitory erected in 1881, gift of the late H. H. Houston of Philadelphia.

THE ALUMNI HOUSE—formerly used as a residence for the President of the University—provides housing facilities, and social rooms for group meetings.

STUDENT UNION-DINING CENTER, to be completed by September, 1963 under a grant of \$842,300. from the General State Authority of Pennsylvania, will be used as a social center for the entire campus community, the dining center for all students, and will house the post office, bookstore, student lounges, game room, and a snack bar.

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 until the Spring of 1963.

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 biology and psychology.

WRIGHT HALL, named in memory of Walter Livingston Wright, who from 1893 to 1945 served successively as professor of mathematics, vice-president, and president. The building was erected by the General State Authority of Pennsylvania at a cost of \$690,000, and has up-to-date facilities for the teaching of physical science.



Rendall Hall

Cresson Hall



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. A new central heating plant with auxiliary maintenance shop will be completed in the Spring of 1963 under a grant from the General State Authority of Pennsylvania.

AUDITORIUM, 1935, built with funds contributed by Miss Susan Gorgas, members of the Alumni, and the General Education Board. Used for physical education activities, motion pictures, and social events.

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.

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

MCRARY HALL, a dormitory housing 126 students, constructed in 1956.

THE VAIL MEMORIAL LIBRARY, centrally located on the campus. 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 80,000 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 2,500 volumes per year. Over 250 periodicals are received by subscription, and 200 more by gift.

McRary Hall



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.

Religious Institutions and Opportunities

The Chaplain of the University is charged with the conduct of public worship and in consultation with the Committee on Religious Activities, with the maintenance and quickening of the religious life of the University.

The Chaplain is available to all students for consultation. He also serves as the co-ordinator of religious activities of the University.

The Ashmun Church, a Presbyterian organization, holds its worship service each Sunday morning jointly with the University Church. While the Ashmun Church is organized by the local Presbytery of Donegal 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 Catholics and the several Protestant denominational groups.

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 Community Memorial Hospital.

The University Health Service is designed to cover the cost of ordinary medical attention, simple prescriptions, and a maximum of ten days hospitalization (limited to room and board) 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.

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.

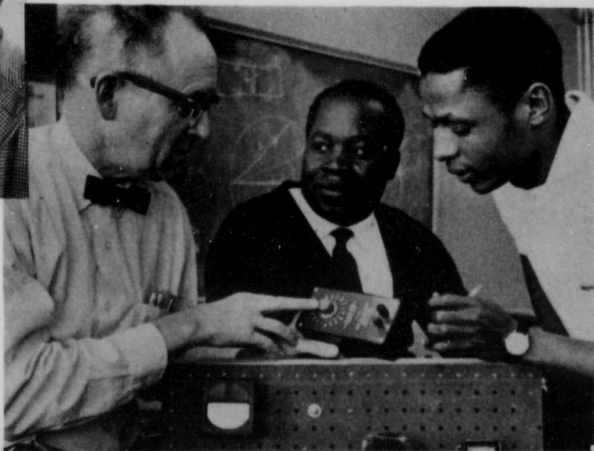
The Health and Medical Fee, which is part of the "General Fee" is paid by all students.

African Program

Lincoln University has had an international orientation since its inception in 1854 as Ashmun Institute. The Reverend John Miller Dickey and other leaders in the American Colonization Society had as their original purpose in founding the Institute the training of young missionaries for service in Africa. Three members of the first graduating class of 1859 went so to serve in Liberia.



Picture story of the African Center





Farewell party for Foreign Student Summer Training Program included the Honorable Lucius D. Battle, Assistant Secretary of State for Education and Cultural Affairs, and Mr. James Symington, Assistant to the Attorney General



Lincoln University was also one of the first, if not the first, institution of higher education in this country to welcome students from Africa. Among the many distinguished African alumni of Lincoln University are a President and a Governor General, foreign ministers and diplomats, clergymen, educators, doctors, lawyers, financiers and industrialists who, in serving the newly emerging nations of Africa, have given Lincoln a unique reputation on that continent.

That tradition continues to be a characteristic feature of Lincoln University. Its library contains a notable collection of American Negro and African literature, periodicals and documents of research value, and three significant collections of African art and artifacts. Its curriculum and special programs also reflect that orientation.

The African Center, established in 1961-62 under a grant from the State Department, continues to serve students from areas in Africa which still have colonial or territorial status. The 1962-63 program included forty-five students from Angola, Burundi, Kenya, Mozambique, Republic of South Africa, South West Africa, Southern Rhodesia and Tanganyika.

For the past two summers Lincoln University has conducted orientation programs for foreign students prior to their enrollment in colleges and universities in the eastern part of the country. A Foreign Student Summer Training Program was conducted by Lincoln University under a grant from the Agency for International Development and the State Department for sixty-three students from twenty-three different countries, regularly enrolled in thirty-six different colleges and universities in the eastern half of the United States.

Early in 1963 a Peace Corps unit including fifty-seven men and women was assigned to Lincoln University for an intensive course of study and physical training to prepare them for service as elementary school teachers in the rural areas of Liberia.

The international and interracial character and tradition of the University offer students interested in human relations, civil liberties, political science and international affairs an unusual opportunity for developing the sensitivity which gives a curriculum rich in African studies, political and social science, and the humanities more than academic value.

Programs of Study

The schedule of courses for Freshmen and Sophomores is mainly for the purpose of general education, and exploration in various fields that will lead to an area of concentration. The requirements for graduation (listed on page 47) are identical for all students. Every student should make an effort to satisfy these as early as possible during his first two years. The schedules would be approximately as follows:

Freshman Year

English Composition
 Foreign Language
 Natural Science,
 Mathematics, or both
 Social Science
 Bible, Music Appreciation,
 or Art Appreciation
 Physical Education

Sophomore Year

English Literature
 Natural Science or
 Mathematics
 One course in major field
 Bible or Philosophy
 Social Science
 Physical Education

For Juniors and Seniors the course selections will be largely determined by the department in which a student has been accepted as a major.

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:

<i>Required Subjects</i>	<i>Sem. Hours</i>	<i>Lincoln University Courses</i>
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	6	French or
Electives	20	German .....101-02, 201-02

Recommended Subjects

Advanced Biology201-02
 Psychology and Logic ..201 and 203
 Algebra and Trigonometry ..103-04
 Additional Chemistry201-02 and 301-02

Students who plan to prepare for the medical profession, should consult the registrar or a member of the pre-medical committee.

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.

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 as 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 Educa-

tion, Special Methods, School Hygiene, Educational Administration, 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. Preparation for Engineering

Lincoln University has entered into agreements with the Pennsylvania State University, Lafayette College, Easton, Pennsylvania, and with Drexel Institute of Technology, Philadelphia, Pennsylvania to provide engineering training.

In the case of Pennsylvania State University or Lafayette College, the 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 Pennsylvania State University or Lafayette College where the engineering requirements are completed.

The agreement with Drexel Institute of Technology provides for three years of study at Lincoln University and three years at Drexel, under a cooperative engineering plan whereby the student spends six quarters in school and five quarters working in industry.

At the end of five or six years, the student receives both a bachelor's degree from Lincoln University and an engineering degree from Pennsylvania State, Lafayette, or Drexel. The disadvantages of specialization inherent in a four-year 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 Engineering, Aero-space Engineering, and Agricultural 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:

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>
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 Education	or General Physics	Psychology
	Engineering Drawing	One elective
	Physical Education	

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.

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year and Senior Year</i>
English 101-02	English 201-02	Sociology
Foreign Language	Economics	Psychology
History	Sociology	Philosophy
Bible	History	Political Science
Science or Mathematics	One elective	Economics
		Ethics
		History

VII. Preparation for 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:

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year and Senior Year</i>
English Composition	English Literature	Two courses in
Introduction to	Principles of Economics	Business and
Mathematics	Principles of Accounting	three electives.
Foreign Language	Foreign Language	
Religion	History or Sociology	
Physical Education	Physical Education	
Elective		

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.

IX. Health and Physical Education

Satisfactory completion of the curriculum in Health and Physical Education will qualify the students for a Pennsylvania provisional college certificate. This certificate will be valid for teaching and supervising Health and Physical Education in the elementary and secondary schools of Pennsylvania for three years. All those wishing to teach in another state should prepare their programs to include the courses required in that state. A suggested program of studies is the following:

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year and Senior Year</i>
English Composition	English Literature	Education and Practice Teaching
Foreign Language	General and Educational Psychology	United States History
General Biology	Anatomy and Physiology	Philosophy or Bible
Music and Art Appreciation	Sociology	Four Courses in Health and Physical Education
Health and Physical Education	Physical Education Activities	Electives
Physical Education	Physical Education	

Three Lincoln students selected to serve in Africa (summer, 1963) meet on campus with alumnus, Dr. James H. Robinson, founder and director of Operation Crossroads-Africa



University Regulations

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.

Attention should also be given to the following regulations.

1. 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.

2. No credit will be given for any course unless it is properly scheduled in the office and recorded at the beginning of the semester.

3. Students must first consult with their faculty adviser before dropping a course or changing courses. All such changes must be made in the office of the Registrar. If a student drops a course without prior consultation, he will be marked 5 in that course.

4. Students shall be permitted to drop courses or change courses each semester without penalty within ten days after classes are in session.

5. The granting of permission to drop or change a course after ten days shall be the responsibility of the Registrar in consultation with the appropriate administrative officer and with the written consent of the instructors concerned.

6. The Registrar shall be responsible for notifying instructors that the student has dropped a course.

7. If extraordinary circumstances warrant, students shall be permitted to drop courses at any time without penalty by permission of the Registrar in consultation with the appropriate administrative officer and with the consent of the instructor.

8. In the case of students withdrawing from the institution or from a subject, the office of the Registrar will be charged with the responsibility of placing on the student's permanent record the letter "W" after each subject if the withdrawal is made before the mid-semester examination period. If the withdrawal occurs after the mid-semester examination period, the Registrar shall place on the student's permanent record "WP" (withdrew passing) or "WF" (withdrew failing), whichever is reported by the faculty member at the time of the student's withdrawal. A "WF" grade for withdrawal from a subject after the mid-semester period shall be recorded and averaged as a grade of 5. The Registrar shall place in the student's file any other pertinent information available.

9. Students who receive a failing grade for the dropping of a course without permission may appeal to the Committee on Academic Standing, which committee must report to the faculty its findings in such cases.

10. 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 twenty-four 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.

Honors Program

An Honors Program, directed by the department in which the student specializes, has been in effect since September, 1961. The Curriculum Committee or an Honors Council will appoint a committee for each student participating in the program, and said committee will be responsible for directing the work of the student.

The selection of students by a department will be limited to

(1) those who have shown exceptional ability on the College Board Advanced Placement Tests in high school, and

(2) those students in the college who have a 2.00 average or better for a minimum of three semesters here.

Students selected for the program must maintain a 2.00 average or better, and upon completion of their work submit in writing to the Curriculum Committee or Council a summary of the work pursued and take an oral examination given by the Council. Upon satisfactory completion of the written summary and oral examination, the student will be recommended for graduation "with distinction" in his major field. This citation will be placed on the student's diploma and so listed in the commencement program.

Examinations

Two series of stated examinations are held each year, one, the midyear examination^s in January, and the other, the final examinations in May.

Spécial 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 midway point of the term.

Comprehensive examinations in the major field, or the Advanced Test of the Graduate Record Examination which may be used in place of the comprehensive examination, shall be given only to seniors during the spring semester.

If the Graduate Record Examination is used by a department, the department chairman shall report in writing to the Dean of the College the achievement norm assigned for "passing" or "failing" said comprehensive examination.

All department chairmen must file the results of these examinations in the Registrar's Office as "passed" or "failed" not later than May 1.

Candidates who fail the comprehensive examination or its equivalent, the Graduate Record Examination, may with permission of the Department Chairman be re-examined not earlier than two weeks after the first comprehensive examination and not later than May 15. The Department Chairman must report to the Registrar as soon as possible the results of this re-examination. Re-examinations may be written, oral, or both.

A special fee of \$5.00, payable to the college, will be charged for this re-examination and a receipt from the Office of Vice President for Business and Finance must be presented by the candidate to the Department Chairman before admittance to this re-examination.

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.

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 multiplying 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 is 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 their 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 beginning 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

Lincoln University continues in its effort to maintain high standards in academic work, and regrets if a student, who is unwilling or unable to maintain reasonable standards, has to be placed on probation or dismissed for poor scholarship.

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.

A student whose academic average after five semesters is not 3.20 or better and who for the balance of his semesters must earn an average better than any previously achieved, will be placed on probation for one semester. If the required average is not made

during the semester of probation the student will not be permitted to return. The same procedure shall apply to students after their sixth and seventh semesters.

If a student fails to earn the 3.20 average required during his eighth semester, he shall be permitted only one more semester to raise his average to 3.20.

Only those students whose cumulative average is 3.20 or better will be considered for graduation under any circumstances.

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.

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

Students on probation exclusive of entering freshmen may not carry more than 14-15 semester hours of work and are subject to any remedial measures deemed necessary by the Committee on Academic Standing. Students who fail to remove the probationary status are notified accordingly by the Committee on Academic Standing after review of their individual cases. Re-admission after academic suspension shall be considered only upon written application by the student to the committee.

Requirements for Graduation

Effective September 1960, the courses required of all candidates for the degree are as follows:

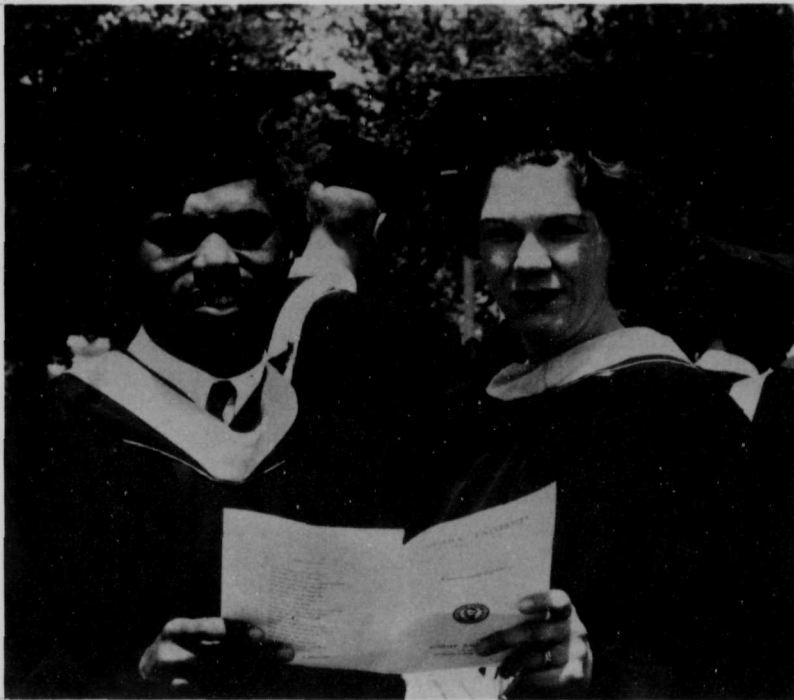
	<i>Semester Hours</i>
Humanities:	
English Composition	6
Literature	6
Religion and/or Philosophy	6
Foreign Language	6-12
Introduction to Art	2
Introduction to Music	2
Natural Science, Mathematics, Pre-engineering (including at least one laboratory science)	14
Social Studies (in at least 3 different departments)	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.

Valedictorian (left) and Salutatorian of the Class of 1962. Salutatorian is the mother of three children and a resident of nearby West Grove



GENERAL REGULATIONS

Rules for Student Organizations

For proper guidance and supervision, the faculty has adopted the following regulations governing extracurricular activities:

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.

General Regulations Concerning Conduct

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 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.

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.

DORMITORIES

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.

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)
- III. The Social Sciences.
 - Economics and Business
 - Sociology
 - History
 - Political Science
 - Education
 - Psychology
 - Physical Education

For regulations concerning electives and major studies see page 41.



DIVISION I

The Humanities

Messrs. Farrell, Grubb, Kuehner, Suthern, Waring, Keefe, Primack, Schwartz,
Davies, LaSala, Stevens, Smith, Putnam, Kogel, Jester, Mrs. Rivero

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:

1. 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, Smith, Putnam, Davies, LaSala, Jester, Mrs. Rivero

Requirements for an English major: Completion of 30 hours in English in addition to English 201-202 or English 207-208. From among electives the English major is advised to select History of England, Public Speaking, and Introduction to Philosophy.

101-102. English Composition.

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 during their freshman year.

Credit: Six Hours

201-202. English Literature

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.

Credit: Six Hours

203-204. Advanced Composition.

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.

Given in alternate years.

Credit: Six hours

207-208. General Literature.

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.

Conducted by members of the instructional staff of the Humanities Division. (Interchangeable with English 201-202 for meeting the English requirement.)

Credit: Six hours

209-210. Dramatic Literature and Techniques.

A study of dramatic literature with emphasis on dramatic techniques from the golden ages of the theater, beginning with the classical Greek and Roman drama and continuing through the XIX century realism of Ibsen, Strindberg and Chekov.

Credit: Six hours

301-302. American Literature.

A survey course in the history of American literature. In the first semester the literature from the settlement of North America to 1860 is covered; in the second semester the literature from 1860 to the present. Collateral readings and papers.

Given in alternate years.

Credit: Six hours

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

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.

Given in alternate years.

Credit: Six hours

307-308. 19th Century Prose and Poetry.

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.

Given in alternate years.

Credit: Six hours

309-310. Journalism.

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.

Credit: Six Hours

401-402. Shakespeare and His Contemporaries.

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.

Given in alternate years.

Credit: Six hours

SPEECH

103-104. Argumentation and Public Speaking.

During the first semester the principles of argumentation and debate are studied. Special attention is given to the composition and delivery of 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.

Credit: Six Hours

ANCIENT LANGUAGES AND LITERATURES

Messrs. Schwartz, Stevens and Waring

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 a course in Latin prose composition or its equivalent.

LATIN

101-102. Elementary Latin.

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.

Given each year.

Credit: Six hours

201-202. Intermediate Latin.

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.

Given each year.

Credit: Six hours

301-302. Medieval Latin and Horace.

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.

Given on demand.

Credit: Six hours

401-402. Plautus and Terence.

Given on demand.

Credit: Four hours

403-404. Advanced Latin.

Readings in Latin authors to meet the interests and needs of majors.

Given on demand.

Credit: Six hours

405-406. Seminar.

For majors.

GREEK

101-102. Elementary Greek.

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.

Given each year.

Credit: Six hours

201-202. Intermediate Greek.

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.

Given on demand.

Credit: Six hours

301-302. Greek drama.

Plays by Sophocles, Euripides, and Aristophanes will be read.

Given on demand.

Credit: Four hours

401-402. Advanced Greek.

Readings in Greek authors to meet the interests and needs of majors.

Given on demand.

Credit: Six hours

405-406. Seminar.

For majors.

101-102. Elementary Hebrew.

An introduction to the essentials of the Hebrew language, leading to the reading of the Old Testament.

Credit: Six hours

INDO-EUROPEAN

401-402. Sanskrit.

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.

Given on demand.

Credit: Eight hours

403-404. Hittite.

The cuneiform orthography of Hittite will be mastered and the hieroglyphic variant examined. Entry into the course only by permission of the instructor.

Given on demand.

Credit: Six hours

NON-LANGUAGE COURSES

301. The Latin and Greek elements in English.

Recommended especially for pre-professional students who have had no Latin and Greek. Given in alternate years. Not given in 1961-1962

First semester.

Credit: Three hours

302. Introduction to Linguistics.

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 1961-1962.

Second semester.

Credit: Three hours

303. Greek literature.

A history of Greek literature in translation, with readings from the major Greek writers. Given in alternate years.

First semester.

Credit: Three hours

304. Latin literature.

A history of Latin literature in translation, with readings from the major Latin writers. Given in alternate years.

Second semester.

Credit: Three hours

MODERN LANGUAGES AND LITERATURES

Messrs. Kuehner, Grubb, Waring

FRENCH LANGUAGE AND LITERATURE

Messrs. Grubb, and Waring

101-102. Elementary French.

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

Credit: Six hours

201-202. Intermediate French.

Review of French grammar and advanced work in written composition and reading.

Credit: Six hours

301-302. Advanced French.

Survey of French literature from the Middle Ages to the end of the 19th Century. Outside reading.

Given on demand.

Credit: Six hours

401-402. French Literature.

The following courses may be given as needed:

- a) Medieval French literature
- b) The literature of the Renaissance
- c) French classicism
- d) Survey of 18th Century literature
- e) French literature in the 19th Century
- f) French poetry in the 19th Century

Credit: Six hours

GERMAN LANGUAGE AND LITERATURE

Mr. Kuehner

101-102. Elementary German.

Grammar, easy reading, dictation.

Credit: Six hours

201-202. Intermediate German.

Reading of modern German texts, and grammar review.

Credit: Six hours

301-302. Advanced German.

Advanced grammar, dictation, and reading.

Given on demand.

Credit: Six hours

SPANISH LANGUAGE AND LITERATURE

Mr. Grubb

101-102. Elementary Spanish.

For students who have had no Spanish. The elements of grammar and reading, with some conversation.

Credit: Six hours

201-202. Intermediate Spanish.

Prerequisite: one year of college or two years of high school Spanish. Review of grammar; dictation, reading, and conversation.

Credit: Six hours

301-302. Advanced Spanish.

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.

Given on demand.

Credit: Six hours

MUSIC

Mr. Suthern

101A. Introduction to Music.

A course designed to provide the necessary tools for perceptive music listening. The student contacts music through recordings, concerts, and other available media. This is the required course for which no prerequisites or special abilities are needed.

Credit: Two hours

101B-102. Survey of Music.

An introduction to musical style illustrated by representative compositions selected from various periods of musical history. Open to all students and may be selected in place of 101A as the required course in music. No previous knowledge of music is required.

Credit: Six hours

103-104. 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.

Credit: One hour

201-202. Elementary Theory of Music.

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.

Credit: Six hours

301-302. Advanced Theory of Music.

Essentials of advanced harmony, chromatic alterations, modulations, analysis of masterworks and original compositions; keyboard.

Credit: Six hours

305-306. Contemporary Trends in Music.

A chronological survey, through directed listening of the trends found in twentieth century music. During the second semester emphasis is placed on the American contribution to the period. Prerequisite Music 101-102, and/or the consent of the instructor.

Given in alternate years.

Credit: Six hours

ART

Mr. Kogel

203. Introduction to Art.

Consisting of a survey of art history and a study of aesthetics. Important goals are understanding and critical awareness. The history survey ranges from the earliest beginnings of man to the present, emphasizing architecture, painting, and sculpture. Slide lectures are the chief means of study. There will be opportunity to visit museums.

Credit: Two hours

204. Modern Art.

This is an elective course with Art 203 as prerequisite, offering a thorough examination of modern art beginning with the early 19th century and ending with the present.

Understanding and critical awareness are chief goals of this course. Slide lectures are the primary means of study. There will be opportunity for museum visits.

Credit: Two hours

PHILOSOPHY

Messrs. Davies and Primack

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 27 semester hours in addition to Philosophy 201. Six of these hours may be taken in related fields upon consultation with the major professor.

101. Introduction to Philosophy.

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 philosophy of religion and philosophy of science is provided.

*(Given each semester)**Credit: Three hours***103. General Logic.**

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) logical, and inductive logic is included in the course.

*(Given each year)**Credit: Three hours***201. Greek Philosophy.**

A study of important ancient philosophers, with primary emphasis on the works of Plato, Aristotle, and Lucretius.

*(Given alternate years)**Credit: Three hours***202. Modern Philosophy.**

The history of Western philosophic thought from the Renaissance into the nineteenth century. Classic works by leading thinkers of this period are read.

*(Given alternate years)**Credit: Three hours***204. Ethics.**

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.

*(Given each year)**Credit: Three hours***205. Symbolic Logic.**

An advanced course in logic, emphasizing the development of the calculus of propositions, quantification theory and philosophical problems of logic. Prerequisites, Philosophy 103, or the recommendation of the chairman of the Mathematics Department.

Credit: Three hours

303. Twentieth Century Philosophy.

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.

(Given alternate years)

Credit: Three hours

304. Problems in Contemporary Philosophy.

A study of contemporary treatments of selected fundamental problems, such as the theory of meaning, the justification of induction, the relation between mind and body, the analysis of moral judgments, and the case for and against belief in God and immortality.

(Given alternate years)

Credit: Three hours

305. Philosophy of Science.

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

Credit: Three hours

306. Philosophy of Religion.

See Religion

310. Philosophy of History.

The course provides an introduction to the basic theories of what motivates historical events and offers a comparison of various concepts of historical causation, such as economic, geographic, biological, and other forces. Credit may be granted for history or philosophy.

(Offered in alternate years)

Credit: Three hours

RELIGION

Messrs. Murray, Keefe, Stevens

The objective of the department is to acquaint the student with the religious and moral heritage of our culture through a study of religion. Religion is studied, not as a by-product of other phenomena, but as it is in itself. Since western culture has been rooted in the Hebrew tradition, special attention is given to the manifestation of this tradition in the Bible, the Old and New Testament, and in the historical development of Judaism and Christianity. In addition to the study of the Hebrew tradition, the department enables the student to study other religions and the relation of religion to other aspects of human culture. Students are encouraged to combine a study of religion with work in other departments, such as philosophy, history, literature, and sociology.

101. Religion of the Old Testament.

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.

Credit: Three hours

102. The Beginning of Christianity.

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 1st century Christians, with special emphasis on the life and thought of Paul.

Credit: Three hours

201. Christian Biography.

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.

Credit: Three hours

202. Christian Ethics.

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.

Credit: Three hours

301. Early Christian Thought.

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.

Credit: Three hours

302. Modern Christian Thought.

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.

Credit: Three hours

306. The Philosophy of Religion.

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. Credit may be given in religion or philosophy.

Credit: Three hours

401. Non-Christian Religions.

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.

Credit: Three hours



DIVISION II

The Natural Sciences

Mathematics

Pre-Engineering

Messrs. Cole, Rudd, Johnson, Hall, Frankowsky, MacEwan,
Sroufe, Rasmussen, Tsai, Pierce

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 many 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. Hall, MacEwan and Sroufe

The major in Biology is designed primarily to prepare one for graduate work in Biology and for Medical School. The minimum requirements for the major are: (1) Physics 101-102 (which requires Mathematics 103-104), (2) Chemistry 103-104 and 203-204, and (3) Biology 101-102, 201, 202, 301, 302. In addition, a major is strongly urged to take two additional semester courses in Biology, and Mathematics 201-202 and 203.

Anyone wishing to concentrate in Biology, but unwilling to take the time needed to fulfill these requirements, may major in General Science, with concentration in Biology.

101-102. General Biology.

A coordinated approach to Botany and Zoology, emphasizing the general principles and concepts applicable to all living organisms; a survey of the major groups of plants and animals and their relationships is included. The successful completion of 101, or the consent of the instructor, is a prerequisite to 102. Courses 101 and 102 are prerequisites for all other biology courses. Three hours lecture and one three hour laboratory.

Credit: Eight hours

201. Comparative Anatomy of Vertebrates.

The comparative anatomy of vertebrates is presented with special reference to the dogfish, mud-puppy, and cat. Two hours lecture and two periods of laboratory. This course is followed by 202, Embryology.

Credit: Four hours

202. Embryology.

The comparative study of the reproduction, growth and development of vertebrates, including consideration of the various types of cells and tissues that occur. Prerequisite: Biology 201. Two hours lecture and two laboratory periods.

Credit: Four hours

301. Genetics.

Introduction to Mendelian, population, biochemical and physiological genetics. Special consideration is given to the implications of genetics for evolutionary theory. Two hours lecture and two laboratory periods.

Credit: Four hours

302. General Physiology.

Emphasis on cellular physiology and functions common to all or most organisms. Analysis of movement, response, reproduction, metabolism and growth in physiological terms. Prerequisites: Organic Chemistry (second semester may be taken concurrently) and eight hours of Biology. Two hours lecture and two laboratory periods.

Credit: Four hours

308. Biological Techniques.

A course, mainly histological, but including some of the techniques for parasitology, protozoology and blood work. Two hours lecture and two laboratory periods.

Credit: Four hours

401. Microbiology.

A course devoted to the study of bacteria, viruses, molds and rickettsiae. Morphology, physiology and relationships between microorganisms and their environment are considered. Two hours lecture and two laboratory periods.

Credit: Four hours

402. Invertebrate Zoology.

A study of the morphology, physiology and reproduction of invertebrates. Two hours lecture and two laboratory periods.

Credit: Four hours

411-412. Special Problems in Biology.

Advanced topics in biology will be discussed in seminars. Honors candidates and students of high standing may carry on independent research projects. Either semester may be taken alone. Open only to seniors.

Credit: One to three hours per semester

CHEMISTRY

Messrs. Rudd, Johnson, Rasmussen

A major in Chemistry consists of at least 31 semester hours of Chemistry including 103-104, 201, 203-204, 301-302. Those students considering graduate work in Chemistry must also take 303 and 401. The maximum number of hours permitted in the department is 38 hours beyond the basic course. Prerequisites for courses 301, 303-304 are Physics 101-102 and Mathematics 202 and 301. Chemistry 101-102 is a terminal course designed to meet the general education requirements of 8 hours in a laboratory science. A student planning to elect Chemistry as his major should consult the department early in his college career to plan the proper sequence of courses.

101-102 Introduction to Chemistry.

The basic principles of chemistry are presented and illustrated with descriptive material. The course is intended as a terminal course designed to meet the general education requirements of 8 hours in a laboratory science. A student who completes this course will not be permitted to enroll in any other course in the department.

*Credit: Eight hours***103-104. General Chemistry and Qualitative Analysis.**

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.

*Credit: Eight hours***201. Quantitative Analysis.**

This course is devoted to the study of principles underlying gravimetric and volumetric determinations. Three hours lecture and recitation, and two periods laboratory. Prerequisites: Chemistry 103-104, Mathematics 103.

*Credit: Five hours***202. Instrumental Methods of Analysis.**

A study of principles and practices of instrumentation used in separations and analysis. The work includes chromatographic types of separation, colorimetric and spectroscopic methods, electroanalytical methods, and radiochemical methods. Two hours lecture, two laboratory periods. Prerequisite: Chemistry 201.

*Credit: Four hours***203-204. Organic Chemistry.**

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

*Credit: Ten hours***301-302. Physical Chemistry.**

The laws of thermodynamics are presented, their basis in statistical mechanics derived, and thermodynamics and statistics are applied to properties of gases, solutions, chemical reactions, phase changes, electrochemical phenomena, and reaction rates. Three hours lecture and two periods laboratory throughout the year. Prerequisites: Chemistry 201-202, Physics 101-102, Mathematics 202 and 301.

Credit: Eight hours

303. Physical Chemistry.

The wave mechanical basis of atomic structure is studied and applied to problems of valence. Physical methods of determining molecular and solid structure are studied. 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.

Credit: Three hours

304. Advanced Inorganic Chemistry.

The principles of physical chemistry are applied to inorganic systems. The emphasis is 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.

Credit: Three hours

401. Qualitative Organic Analysis.

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.

Credit: Four hours

402. Radiochemistry.

A study of the fundamental techniques of safety, of manipulation, and measurement employing radioisotopes. The use of Geiger-Muller counters, ionization chambers, scintillation counters, and a study of the characteristics of radiation will be undertaken in the laboratory. The course will be limited to 10 students. One hour lecture, three hours laboratory.

Credit: Two hours

405-406. Research.

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.

Credit: Six hours

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 103-104 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.

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.

Credit: Eight hours

201-202. Electricity and Magnetism.

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.

Credit: Eight hours

301 Light.

A study of geometrical and physical optics, radiation and spectra. Three lecture hours and one laboratory period.

Credit: Four hours

302. Sound.

Nature of sound, wave theory, interference and diffraction. Three lecture hours and one laboratory period. Prerequisite: Mathematics 201-202.

Credit: Four hours

305. Elementary Astronomy.

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.

Credit: Three hours

307-308. Electronics.

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. Prerequisite: Mathematics 201-202.

Credit: Six hours

401-402. Theoretical Mechanics.

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. Three lecture hours.

Credit: Six hours

403-404. Thermodynamics.

The gas laws, non-flow and steady-flow processes, the Carnot cycle and efficiency are studied in the first semester. Second semester topics include high-pressure air, steam and gas turbines. Prerequisite: Mathematics 201-202.

Credit: Six hours

MATHEMATICS

Messrs. Frankowsky and Pierce

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.

The subject matter of the course includes topics 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.

Credit: Six hours

103. College Algebra.

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.

Credit: Three hours

104. Plane Trigonometry.

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.

Credit: Three hours

201-202. Analytic Geometry and Calculus.

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 transcendental functions; elementary differential equations.

Credit: Six hours

203. Elementary Statistics.

Designed for students who need an elementary 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.

Credit: Three hours

301. Analytic Geometry and Calculus.

Hyperbolic functions; technique of integration; parametric equations; vectors; determinants; solid geometry and vectors. Prerequisite: Math 201-202.

Credit: Three hours

302. Intermediate Calculus.

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

Credit: Three hours

303. Introduction to Mathematical Statistics.

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

Credit: Three hours

401. Advanced Algebra.

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

Credit: Three hours

402. Theory of Equations.

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.

Credit: Three hours

403. Differential Equations.

An elementary course in ordinary differential equations with applications to Geometry and Physics.

Credit: Three hours

405-406. Advanced Calculus.

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 series and orthogonal functions; complex variables.

Credit: Six hours

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.

Algebra of complex numbers; definition and properties of analytic functions, conformal mappings, complex integration; Cauchy-Goursat Theorem, power series, Taylor's series and Laurent series; residues and poles.

*Credit: Three hours***408. Introduction to Numerical Analysis.**

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

*Credit: Three hours***PRE-ENGINEERING**

Messrs. Rasmussen and Tsai

101. Engineering Drawing.

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.

*Credit: Three hours***102. Engineering Drawing and Descriptive Geometry.**

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

*Credit: Three hours***201. Geography.**

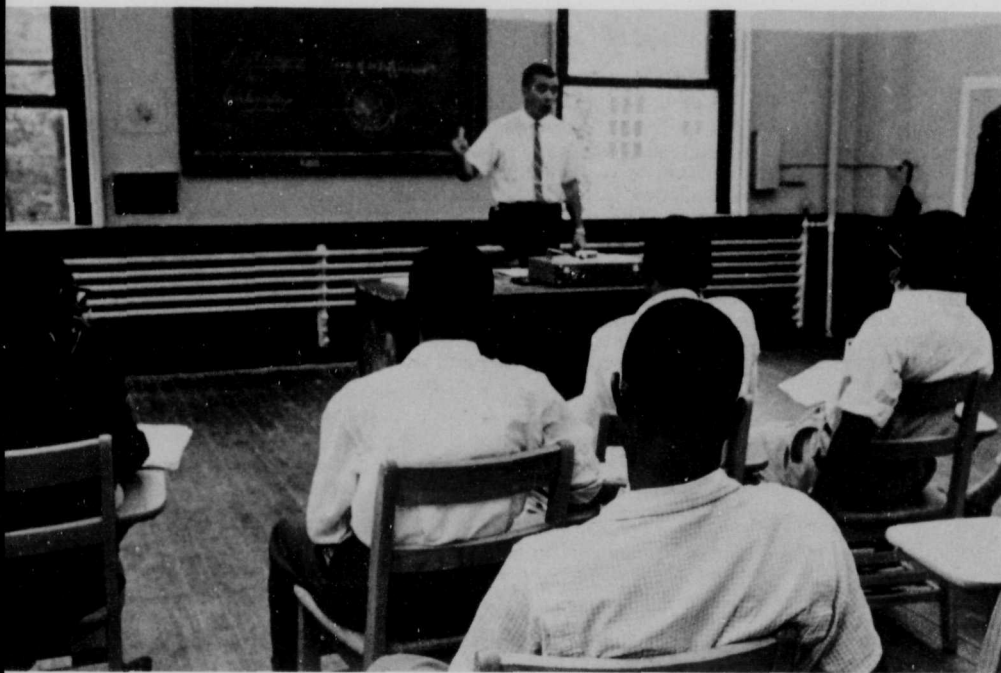
An introduction to landforms and climate, presented as factors influencing man. The map is applied as the basic tool of geography to three groups of data: surface features, population, and culture. World patterns are evolved.

*Credit: Three hours***202. Geology**

An introduction to physical geology with emphasis on minerals, rocks, and engineering applications.

For further details on pre-engineering see page 35.

Credit: Three hours



DIVISION III

The Social Sciences

Messrs. Foster, MacRae, Rivero, Jones, Cornwell, Jenkins, Washington, Marcum, Winchester, Gaymon, Gardner, Merriam, Murray, Davies, Schwartz, Gunn

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

The Division of the Social Sciences aims 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 AND ECONOMICS

Messrs. Washington and Merriam

In order to major in either of these areas, the student must complete Economics 201-202 and General Business 201-202.

GENERAL BUSINESS

Mr. Washington

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 201-202.

201-202. Elementary Accounting.

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.

*Credit: Six hours***203-204. Personal and Family Finance.**

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.)

*Credit: Six hours***301-302. Intermediate Accounting.**

Among the topics considered are: an analysis of the treatment applicable to each balance sheet account; financial statements and net income concepts; generally acceptable accounting principles; and interpretation of financial statements. Both semesters must be taken to obtain credit.

*Credit: Six hours***303-304. Business Organization and Management.**

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.

Credit: Six hours

305-306. Business Law.

Among the topics to be considered are: contracts, sales, negotiable instruments, agency, bailments, partnerships, and corporations.

Credit: Six hours

401-402. Principles of Marketing.

A general survey of the various functions of marketing, the channels of distribution, management and marketing policies.

Credit: Six hours

Corporation Finance. See Economics 305.

ECONOMICS

Mr. Merriam

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.

A general survey of the principles of economics and their application to current economic problems.

Credit: Six hours

301. International Economics.

Theory of international trade; imperialism; free trade and protectionism; currency standards; exchange rates and fluctuations; exchange controls; international banking; contemporary problems.

(Offered in alternate years)

Credit: Three hours

303. National Income and Business Cycles.

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.

(Offered in alternate years)

Credit: Three hours

305. Corporation Finance.

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

(Offered in alternate years)

Credit: Three hours

307. Comparative Economic Systems.

A comparison of the theory and operation of capitalist, socialist, communist, fascist, and mixed economies.

(Offered in alternate years)

Credit: Three hours

308. Development of Economically Underdeveloped Areas.

The economic status of underdeveloped areas, the causes of economic development, and the problems and difficulties involved.

Credit: Three hours

309. Public Finance.

A survey of federal, state and local taxation, expenditures, and debt management.

(Offered in alternate years)

Credit: Three hours

311. Price and Distribution Theory.

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.

Credit: Three hours

312. Fiscal Policy.

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.

(Offered in alternate years)

Credit: Three hours

313-314. History of Economic Thought.

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.

(Offered in alternate years)

Credit: Six hours

315. Labor Economics.

This course deals with the theory of labor relations as well as with the problems of wages and working conditions, trends in trade unionism, and labor legislation.

Credit: Three hours

317-318. Money and Banking.

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.

(Offered in alternate years)

Credit: Six hours

402. Seminar in Economics.

Independent study of special topics in economics, for advanced students.

Credit: Three hours

404. Government and Economic Planning.

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.

(Offered in alternate years)

Credit: Three hours

SOCIOLOGY

Messrs. Foster and Gunn

Requirements for a major in Sociology: 24 semester hours in Sociology in addition to Sociology 101 and Statistical Methods 402. Six hours credit may be taken in related subjects upon consultation with the major professor.

101. Introduction to Sociology.

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.

Credit: Three hours

201. 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.

Credit: Three hours

202. Ethnology of West Africa.

A survey of the traditional institutions and cultures (including the languages) of the peoples of the Guinea Coast, western Sudan and Congo Basin. Offered in 1963, and in alternate years thereafter. Prerequisite: Sociology 201.

Credit: Three hours

203. Ethnology of Eastern Africa.

The peoples and cultures of the eastern Sudan, the East Horn (Ethiopia and Somaliland), and Greater East Africa (the East Coast and hinterland, South and Southwest Africa). Offered in the spring of 1964, and in alternate years thereafter. Prerequisite: Sociology 202 (Ethnology of West Africa).

301. Marriage and the Family.

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.

Credit: Three hours

302. Race Relations.

A study of the problems of racial and ethnic groups 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. Prerequisite: Sociology 201.

Credit: Three hours

303. Cultural Anthropology.

An introduction to world-wide ethnographic literature; a study of the whole culture of selected societies through standard monographs. Prerequisite: Sociology 201.

Credit: Three hours

304. Prehistory.

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. Prerequisite: Sociology 201.

Credit: Three hours

305-306. Population Problems.

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.

Credit: Six hours

307. Criminology.

The social aspects of crime and punishment, with special emphasis on the developments in the field of corrections, crime prevention, and control. Prerequisite: Sociology 101.

Credit: Three hours

308. Urban Sociology.

An introduction to the study of urban society and the urbanization process with reference to the characteristics of the city, its ecology, institutions, and problems.

Credit: Three hours

309. Social Problems.

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.

Credit: Three hours

310. Public Welfare Administration.

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 101.

Credit: Three hours

401. Contemporary Social Theory.

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.

Credit: Three hours

402. Statistical Methods.

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.

Credit: Three hours

403-404. Survey Techniques.

A detailed study of the principles and methods of conducting surveys, an analysis of some representative surveys, and a few applications of survey principles.

Credit: Six hours

405-406. Case Techniques.

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.

Credit: Six hours

407-408. Seminar.

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.

Credit: Six hours

HISTORY

Messrs. Jones, Murray, Schwartz, Gunn, Winchester, Stevens

Requirements for a History major: Completion of 24 hours in history in addition to History 101-02. This must include United States History 303-04 and Historical Methods 401-02. Of the remaining hours, six may be chosen from among the following courses:

Philosophy 301—Philosophy of History; Political Science 401—Constitutional Law.

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.

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.

Credit: Six hours

201-202. Ancient Civilization.

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.

(Offered in alternate years)

Credit: Six hours

203-204. History of Africa.

The first semester deals in a summary fashion with the geographical and the ethnological background of African history, concentrating on the data of pre-historic and early historic archeology, and on the ancient and medieval history of Africa (through the 15th century). The second semester treats the history of the period of European contact with African peoples, and of European exploration and expansion in Africa, from 1500 through World War II (down to the period of active African nationalism). Offered in 1962-3 and alternate years thereafter. Prerequisite: History 101-2 and either History 201-2, 301-2, or 401-2; or, alternatively, History 101-2 and Sociology 202 and 203.

Credit: Six hours

205. The Negro in the New World.

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

Credit: Three hours

206. Economic History of Europe.

The course traces 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.

(Offered in alternate years)

Credit: Three hours

207. American Economic History.

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.

(Offered in alternate years)

Credit: Three hours

209. The Colonial History of the Americas.

The course studies the colonial history of North and South America from the age of exploration and discovery to the struggle for independence.

Credit: Three hours

210. Latin American History.

The course traces the economic and political history of the South and Central American nations since 1800. Emphasis is placed on the relation of Latin America to the interests and policy of the United States.

Credit: Three hours

301-302. Medieval Civilization.

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.

Credit: Six hours

303-304. History of the United States and Pennsylvania.

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.

Credit: Six hours

305-306. History of England.

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.

Credit: Six hours

307-308. Diplomatic History of the United States.

The course traces the major developments in foreign policy and diplomacy from the time of the American Revolution to the present.

Credit: Six hours

309. American Intellectual History.

The main trends in the growth of American thought, from the Puritans in the 17th century through the naturalism and pragmatism of the late 19th century.

(Offered in alternate years)

Credit: Two hours

311. History of the American West.

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.

(Offered in alternate years)

Credit: Three hours

317-318. History of Russia.

The first semester traces the growth and consolidation of Russia from the early settlements of the Slavs and Varangians through the growth of Muscovy and the rise of the Czars. The semester ends with the study of the Napoleonic wars. The second semester treats the reform and revolutionary movements of the nineteenth century and the organization of the communist state in the twentieth century. Prerequisite: History 101-102.

(Offered in alternate years)

Credit: Six hours

401-402. Historical Methods

For history majors. The course emphasizes techniques of historical research, through assignment of research problems. Prerequisites: A minimum of 12 hours in history.

Credit: Six hours

POLITICAL SCIENCE

Messrs. Jenkins, Marcum, Murray, and Eyrich

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.

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.

Credit: Three hours

102. Political Parties.

A general survey of the role of a political party as an instrument for energizing 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.

Credit: Three hours

201. International Politics.

An inquiry into the political, strategic, economic, racial, and ethical factors which in varying degrees determine the relationship between nations.

Credit: Three hours

202. American Foreign Policy.

An examination of the political, strategic, economic, and social relationships of the United States.

Credit: Three hours

203-204. Comparative Foreign Government.

The first semester deals with the British, French, German, Italian, and Russian governmental and political systems. The second semester's emphasis is on the governments of the Far East and Southeast Asia, specifically Japan, China, India, Pakistan, and Indonesia.

Credit: Six hours

301-302. Political Theory.

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.

Credit: Six hours

303. American Political Theory.

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.

Credit: Three hours

304. Foundation of Modern Jurisprudence.

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.

Credit: Three hours

307. African Politics.

Study of the political configuration of contemporary Africa. Emphasis upon new political systems developing in independent states and emerging relations among these new states.

Credit: Three hours

308. International Organization.

The role of the United Nations, specialized agencies, and regional organizations (e.g. NATO, OAS) in international affairs. Special attention is given to the process and problems of building and institutionalizing political community at the interstate level.

Credit: Three hours

401. American Constitutional Law.

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.

Credit: Three hours

402. Political Science Seminar.

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.

Credit: Three hours

EDUCATION

Messrs. MacRae and 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.

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.

Credit: Three hours

202. Educational Psychology

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.

Credit: Three hours

204. General Methods in Secondary Education.

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.

Credit: Three hours

301. Tests and Measurements.

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.

Credit: Three hours

401-402. Practice Teaching.

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.

Credit: Six hours

403. Philosophy of Education.

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.

(Offered occasionally)

Credit: Three hours

PSYCHOLOGY

Messrs. Cornwell and Gaymon

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; Philosophy 203; Sociology 202, 402.

201. General Psychology.

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

Credit: Three hours

202a. Experimental Psychology.

An introduction to laboratory methods in experimental psychology. Psychology 201 prerequisite or concurrent.

(First Semester)

Credit: Three hours

202b. Experimental Psychology.

A continuation of 202a with the design, performance, and report of an original psychological experiment required. Prerequisite: 201, 202a.

(Second Semester)

Credit: Three hours

203. The Psychology of Adjustment.

A theoretical and clinical study of mental and personality adjustments in the process of development. Prerequisite: Psychology 201.

Credit: Three hours

204. Mental Hygiene.

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.

Credit: Three hours

301. Applied Psychology.

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.

(Given alternate years: 1960, 1962)

Credit: Three hours

302. Social Psychology.

An intensive study of the principles of psychology in group relationships. Prerequisite: Psychology 201.

Credit: Three hours

304. Abnormal Psychology.

A study of distortions of behavior resulting from disturbances and disorders in the mental and emotional aspects of human personality. Prerequisite: Psychology 201.

Credit: Three hours

401. Contemporary Schools of Psychology.

A survey of points of view in a selected sampling of schools of psychology. Prerequisite: Psychology 201, 203.

(Given alternate years: 1961, 1963, 1965)

Credit: Three hours

402. Statistical Methods.

For description see Sociology 402. Prerequisite: Psychology 201.

(Given alternate years: 1960, 1962, 1964)

Credit: Three hours

402b. Advanced Statistical Methods.

A continuation of 402 including partial and multiple correlation, non-parametric methods, and an introduction to the analysis of variance.

Credit: Three hours

403-404. Psychology Seminar.

The first semester requires an intensive investigation and report by each student on a major problem in the field of psychology. The second semester consists of the independent preparation of original theoretical or experimental solutions to limited aspects of problems developed in the first semester. Restricted to seniors majoring in psychology.

Credit: Six hours

405-406. Physiological Psychology.

A survey and evaluation of fact and theory concerning the relationship between behavior and its physiological substrates, supplemented by training in laboratory techniques of psychophysiological experimentation. The first semester is devoted to the study of sensory functions; the second semester to motor functions, emotion, and learning. One lecture hour and two laboratory periods. 405 may be taken alone for three hours credit, but is a prerequisite for 406. Prerequisites: Psychology 201, 202, 402.

Credit: Six hours

PHYSICAL EDUCATION AND ATHLETICS

Messrs. Rivero, Gardner, Smith, Jones, Grumbine

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 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.

The department advises majors to elect Biology 101-02, Anatomy 201, Physiology 309, and special courses in Education. A laboratory fee of \$15.00 is charged for Physical Education 209-10, and \$8.00 for Physical Education 101 and 201.

101-102. Freshman Physical Education.

Instruction and practice in the fundamental skills of team games, individual activities and lectures in standard first aid course.

(Given each year)

Credit: Two hours

201-202. Sophomore Physical Education.

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.

(Given each year)

Credit: Two hours

206. Personal Hygiene.

To provide the student with information on human development and adjustment relative to self, school, home and other social influences.

Credit: Three hours

207. Safety Education

A course covering all phases of school safety education—home, occupational, recreational and transportation. Includes a study of the well organized school safety program, its administration and organization.

Credit: Three hours

209-210. Physical Education Activities I and II

During the first semester instruction and practice in handball, volleyball and football, providing the student with basic techniques for play rules and recreation programs. During the second semester lectures and practice with stress on the elements of play rules, safety procedures in track and field, baseball and games of low organization. 3 lecture hours and 2 laboratory periods.

Credit: Six hours

213-214. Officiating of Athletic Sports.

The principles, techniques, rules and regulations for officiating football, soccer, and basketball. During the second semester the principles, techniques, rules and regulations for officiating basketball, wrestling, track and field, baseball. 2 lecture hours and 2 laboratory periods.

Credit: Four hours

301-302. Physical Education Activities III and IV.

Analysis, practice and fundamentals in basketball, gymnastics, wrestling and intramural activities during the first semester. During the second semester activities to help develop physical and recreational skills with a carry-over value. Badminton, tennis and golf are emphasized, together with other recreational individual sports. 3 lecture hours and 2 laboratory periods.

Credit: Six hours

303. Principles and History of Physical Education.

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.

Credit: Three hours

304. Health Instruction in the Schools.

Methods, practice, demonstration, and observation; the programs and problems of health education in junior and senior high schools.

Credit: Three hours

305. Care and Prevention of Injuries, Conditioning and Training.

Lectures, practice, and demonstration in the care and prevention of injuries.

Credit: Three hours

307. Physiology of Exercise.

The functions of the human body and the mechanism of bodily movements. Prerequisite: Physiology 309.

Credit: Three hours

308. Kinesiology.

A study of the principles of human motion. Anatomical and mechanical analysis of everyday and physical education activities emphasized for the purpose of promoting normal physical development and improvement of performance. Prerequisite: Anatomy 201.

Credit: Three hours

401. Health Service and Supervision in Schools.

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

Credit: Three hours

402. Organization and Administration of Health and Physical Education.

Administrative policies and standards pertaining to the execution of the program of health and physical education in the public schools.

Credit: Three hours

405. Methods and Principles of Athletic Coaching.

Fundamentals of coaching, techniques and tactics of individual and team play.

Credit: Three hours

406. Leadership in Community Recreation.

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

Credit: Three hours

408. Methods of Teaching Physical Education.

Fundamental problems in the selection, organization, guidance and evaluation of physical education activities, individual as well as group.

Credit: Three hours

Directory

TRUSTEES OF THE LINCOLN UNIVERSITY

William W. Scranton
The Governor of the State of Pennsylvania
(ex officio)

<i>Year of First Election</i>		<i>Expiration</i>
1951	RALPH J. BUNCHE, New York, New York	<i>Honorary</i>

TRUSTEES ELECTED DIRECTLY BY THE BOARD

1940	LEWIS M. STEVENS, Philadelphia, Pennsylvania	1963
1944	WALTER M. PHILLIPS, Philadelphia, Pennsylvania	1963
1959	STEPHEN B. SWEENEY, Lansdowne, Pennsylvania	1963
1960	JOHN H. FERGUSON, University Park, Pennsylvania	1963
1947	GEORGE D. CANNON, New York, New York	1964
1959	ALEXANDER S. COCHRAN, Baltimore, Maryland	1964
1959	STEWART HUSTON, Coatesville, Pennsylvania	1964
1959	ANDREW M. BRADLEY, Harrisburg, Pennsylvania	1964
1954	THURGOOD MARSHALL, New York, New York	1965
1959	GEORGE M. LEADER, Philadelphia, Pennsylvania	1965
1959	THOMAS L. FARMER, Washington, D. C.	1965
1959	ALBERT M. GREENFIELD, Philadelphia, Pennsylvania	1965
1939	WILLIAM HALLOCK JOHNSON, Cooperstown, New York ..	1966
1945	JOHN H. WARE, III, Oxford, Pennsylvania	1966
1951	ROGER S. FIRESTONE, Pottstown, Pennsylvania	1966
1957	E. LUTHER CUNNINGHAM, Philadelphia, Pennsylvania ...	1966
1947	DAVID G. MORRIS, Bayonne, New Jersey	1967
1951	JULIUS ROSENWALD, II, Elkins Park, Pennsylvania	1967
1959	MRS. ROBERT WOLF, Philadelphia, Pennsylvania	1967
1942	WALTER D. FULLER, Narberth, Pennsylvania	1968
1959	F. W. ELLIOTT FARR, Philadelphia, Pennsylvania	1968
1959	J. WAYNE FREDERICKS, New York, New York	1968

TRUSTEES ELECTED BY THE BOARD ON NOMINATION OF THE ALUMNI

1960	JOSEPH C. WADDY, Washington, D.C.	1963
1961	FRANK J. HUTCHINGS, Macon, Georgia	1964
1962	MACEO W. HUBBARD, Washington, D.C.	1965

PRESIDENT OF THE UNIVERSITY

1961	MARVIN WACHMAN, Lincoln University	ex officio
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Officers of the Trustees

WALTER M. PHILLIPS, *Chairman*
GEORGE D. CANNON, *Vice Chairman*
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Waddy, *Chairman*
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Ware, *Chairman*
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Honorary Degrees

Morris, *Chairman*
Johnson
Fredericks
Marshall
Sweeney

THE FACULTY

1962-1963

MARVIN WACHMAN

B.S., M.A., Northwestern University; Ph.D., University of Illinois
President

WILLIAM HALLOCK JOHNSON

A.B., D.D., Princeton; Ph.D., Columbia
*President Emeritus, Charles Avery Professor of Greek
and New Testament Literature, Emeritus*

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A.B., Lincoln; M.A., Ph.D., Chicago; LL.D.
President Honorarius

HAROLD FETTER GRIM

A.B., Lafayette; M.S., Chicago; D.Sc.
Professor of Biology, Emeritus

***SAMUEL MCKEE BRADLEY

A.B., Kentucky State; M.A., University of Washington
*Instructor in English as a Second Language
African Student Center*

WILLIAM RAYMOND COLE

B.S., Middlebury; M.S., Pennsylvania
Burkitt Webb Professor of Physics

HENRY GILBERT CORNWELL

A.B., Lincoln; M.S., Ph.D., Pennsylvania
Professor of Psychology

DONALD MCKAY DAVIES

A.B., Wheaton; M.A., Minnesota; Th.B., Th.D., Princeton
Professor of Religion and English

PHILIP ALLAN EYRICH

B.A., Albright; M.A., The Pennsylvania State University
*Instructor in Political Science
Coordinator, African Center*

HAROLD ALFRED FARRELL

A.B., Lincoln; M.A., Ph.D., Ohio State
Professor of English

MARY VAN BLAKE FARRELL

A.B., West Virginia State
Assistant in English

LAURENCE FOSTER

A.B., S.T.B., Lincoln; Ph.D., Pennsylvania
Henry A. Kerr Professor of Sociology

JAMES WILLIAM FRANKOWSKY

B.S., M.S., New York
Reuben J. Flick Associate Professor of Mathematics

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

WILLIAM E. GAYMON
B.S., M.S., Howard University

ARMSTEAD OTEY GRUBB
A.B., Princeton; Ph.D., Pennsylvania
Professor of Spanish and French

HAROLD DALE GUNN
A.B., Southern Methodist; M.A., University of London
Assistant Professor of Sociology, Anthropology and African History

PETER JOHNSON HALL
A.B., Lincoln; M.A., Pennsylvania
Instructor in Biology

HOLMAN WEISER JENKINS
A.B., The Citadel; M.A., Ph.D., Pennsylvania
Assistant Professor of Political Science

***CARL NATHAN JESTER
A.B., Union College & University; M.S., University of London;
M.A., University of Pennsylvania
Visiting Lecturer in English

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
Professor of History

FREDERICK LAWRENCE KEEFE
A.B., Oberlin; B.D., Princeton
Assistant Professor of Religion (Mrs. Susan D. Brown Endowment)

JOHN CHRISTOPHER KOGEL
B.S., M.F.A., University of Pennsylvania
Lecturer in Art History

PAUL KUEHNER
A.B., Westmar; Ph.D., Pennsylvania
Professor of German and French

JAMES MARIO LASALA
B.A., Hofstra; M.A., University of Pennsylvania
Instructor in English

ALAN M. MACEWAN
A.B., Ph.D., University of Missouri
Associate Professor of Biology

JAMES BONNER MACRAE
A.B., Lincoln; M.A., Columbia
Professor of Education

JOHN ARTHUR MARCUM
 A.B., Ph.D., Stanford; M.A., Columbia
Professor of Political Science
Director of African Program

* **WALDEMAR MATIAS**
 A.B., University of Maryland; M.A., Columbia
Assistant Professor of Linguistics
African Student Center

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

ANDREW EVANS MURRAY
 A.B., Colorado; Th.B., Th.D., Princeton
Professor of Religion

DONALD LEE PIERCE
 A.B., Lincoln; M.S., Pennsylvania
Instructor in Mathematics

MAXWELL PRIMACK
 B.A., Brandeis University; M.A., Ph.D., Johns Hopkins University
Assistant Professor of Philosophy

LOUIS S. PUTNAM
 A.B., Yale
Visiting Lecturer in English

WILLIAM CHARLES RASMUSSEN
 B.S., M.S., Chicago; Ph.D., Bryn Mawr
Visiting Lecturer in Geology and Geography

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

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

DEFOREST PORTER RUDD
 B.S., Harvard; Ph.D., University of California
Professor of Chemistry

* **BENJAMIN SCHWARTZ**
 A.B., M.A., New York; Ph.D., of Columbia
John H. Cassidy Professor of Classics

ROBERT EUGENE SMITH
 A.B., Lincoln; M.A., Pennsylvania
Instructor in English and Physical Education

STANLEY ALEXANDER SROUFE
 B.A., M.S., Ph.D., Ohio State University
Assistant Professor of Biology

SAMUEL GOVAN STEVENS
A.B., S.T.B., Lincoln; Th.M., Union (Va.); S.T.M., Western; D.D.
Associate Professor of Religion

ORRIN CLAYTON SUTHERN, II
A.B., Western Reserve University; M.A., Columbia University
Professor of Music

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

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

*EMERY WIMBISH
A.B., Clark; B.L.S., Atlanta
Assistant Librarian with the Rank of Instructor

RICHARD CARLYLE WINCHESTER
B.A., Ursinus
Instructor, American History

DONALD CHARLES YELTON
A.B., Hamilton; M.A., Georgetown; M.S., Ph.D., Columbia
Librarian

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MR. JIM C. BEAVER, *Driver Training Instructor, Avon Grove School*
DR. ROBERT BINSWANGER, *Peace Corps Training Officer*
MR. FRANK BIRD, *Safety Engineer, Lukens Steel Corporation*
MISS BARBARA COATES, *Associate Professor of Health and Physical Education, West Chester State College*
DR. HAROLD DILLION, *University of Pennsylvania Medical School*
MR. CLARENCE GRUMBINE, *Elementary School Physical Education Director, Avon Grove School*
MR. PHILIP JOHNSON, *Oxford, Pennsylvania*
DR. WALTER KIRCHNER, *Professor of Russian History, University of Delaware*
DR. CHESTER MCTAVISH, *Science Specialist and Regional Assistant to County Superintendent, Chester County School System*
DR. JERRY OSTERWEIL, *Peace Corps Selection Officer*
DR. EVAN SORBER, *Department of Education, University of Pittsburgh*
MR. KENNETH SWARTZ, *Instructor in Manual Arts, Oxford Area High School*

Foreign Student Summer Training Program

- MR. JIM C. BEAVER, *Instructor in Driver Training*, Avon Grove High School
DR. JOEL HAINES, *Associate Professor of History*, Clarion State College
MRS. A. C. HERRINGTON, *Business Education Department*, Oxford Area High School
MR. PHILIP JOHNSON, *Instructor in Agriculture*, Avon Grove High School
MR. GEORGE WALKER, *Public Administration Institute*, Pennsylvania State University

African Orientation Program

- MR. EDDISON ZVOBGO, *Instructor in Political Science*
MISS PAMELA WOOD, *Counselor for Women Students*

-
- * On leave first semester 1962-63
** First semester only
*** Second semester only



ADMINISTRATION

MARVIN WACHMAN, B.S., M.A., Ph.D.

President of the University

FRANK JOHN DOWD, Jr., A.B., M.A.

Vice President

AUSTIN HAMMOND SCOTT, Ph.B.

Vice President for Business and Finance

LEROY DENNIS JOHNSON, A.B., M.S., Ph.D.

Dean of the College

JAMES BONNER MACRAE, A.B., M.A.

Dean of Students

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Director of Public Information

GLADYS WILLIAMS RENWICK, B.S.

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Secretary to the President

GOLDYE K. JOHNSON, B.S., M.L.S.

Circulation Librarian

EDWIN E. LEID

Manager of College Store and Post Office

FRANCIS NAGY, B.A., Ph.D.

Accountant and Assistant Business Manager

EMERY WIMBISH, A.B., B.L.S.

Assistant Librarian

ELSIE M. WINCHESTER

Assistant Registrar

COMMITTEES OF THE FACULTY FOR 1962-1963

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

ACADEMIC STANDING: Johnson, Cornwell, Gardner, Kuehner

ADMINISTRATIVE: Wachman, Foster, Johnson, Kuehner, MacRae, Marcum,
Rivero, Scott, Yelton, Dowd, Mason

ADMISSIONS: Kuehner, Cornwell, Gardner, Johnson, Mason

APPOINTMENTS: Wachman, Johnson, MacRae, Rudd, Yelton

ATHLETICS: Jones, Pierce, Rivero, Winchester. Students: Allen R. Barnes,
Marvin E. Lawrence, Reginald A. Stancil

CURRICULUM: Johnson, Foster, LaSala, Kuehner, MacEwan. Students: Harold
H. Levister, Jean G. Wheeler

HEALTH: MacRae, Davis, Pierce, Rivero. Students: Paul G. Russell, Bill H.
Floyd

HONORARY DEGREES: Cornwell, Cole, Farrell, Grubb, Marcum

JUDICIAL: Davies, Cole, Foster, Grubb

LECTURES & RECITALS: Suthern, Johnson, Marcum, Winchester (Wimbish for Winchester — second semester), Putnam, Secretary. Students: Noble L. Thompson, Charles A. Ballard

LIBRARY: Gunn, Farrell, Frankowsky, Yelton

PRIZES & AWARDS: Johnson, Kuehner, MacRae, Merriam, Waring

PRE-MEDICAL ADVISORY: Davis, Foster, Johnson, Rudd, Sroufe

RELIGIOUS ACTIVITIES: Stevens, Murray, Primack, Suthern, Washington. Students: William E. Gibbons, Edet A. Umoren

RESEARCH & PUBLICATIONS: Schwartz, Johnson, Marcum

SCHOLARSHIPS: Kuehner, Frankowsky, Gardner, Gaymon, Johnson, MacRae, Mason

STATUTES: Jones, Cornwell, Grubb, Johnson, Kuehner, Yelton

STUDENT PERSONNEL: MacRae, Frankowsky, Jenkins, Smith. Students: Alonzo B. Baxter, Tommy R. Morrison, Glenwood C. Brooks, Sylvester Murray

STUDENT WELFARE: Murray, Davies, Gaymon, Stevens, Tsai

ADMINISTRATIVE COMMITTEE ON

THE CATALOGUE: Dowd, Kuehner, Mason, Putnam

Library Staff

Kathleen Brison
Marjorie V. Cole
Rosalie Clemons

Sophy H. Cornwell
Caroline C. Kick
Grace B. Rivero

Jame Willits

Administrative Assistants

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Helen J. Bowers
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Diana C. Criswell
Alice R. Cullen
Joanne R. Graybeal
Juanita C. Lewis
Grace R. Meeks

Dorothy M. Milbourne
Leanna M. Nelson
Theresa G. Nieweg
Linda J. Rhodes
Minnie W. Shock
Doris L. Stroud
Alice W. Suthern
Calva M. Talbot
Barbara H. Walters

Degrees, Honors, Directory of Students

DEGREES

Degrees Conferred June 3, 1962

The honorary degree of Doctor of Divinity (D.D.) was conferred upon:

Hyland Garnett Lee Harrisburg, Pa.

The honorary degree of Doctor of Humane Letters (L.H.D.) was conferred upon:

Charles Mantinband Hattiesburg, Miss.

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

Ebenezer Ako Adjei Republic of Ghana

William Henry Fitzjohn Sierra Leone

The honorary degree of Doctor of Civil Law (D.C.L.) was conferred upon:

David Riesman Cambridge, Mass.

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

Gordon George Alexander Philadelphia, Pa.

James Alvin Anthony Philadelphia, Pa.

Lorenzo Pharr Archer Norfolk, Va.

Amnon Vincent Ashe Philadelphia, Pa.

Sylvester Leonard Bennett, Jr. Cleveland, Ohio

Leroy Melvin Burton Fuquay Springs, N.C.

Theodore Harmon Butcher West Chester, Pa.

Roland Henry Clough Philadelphia, Pa.

Joseph Coates, Jr. Oxford, Pa.

Wilmore Washington Coleman Philadelphia, Pa.

Kenneth Calvin Collins Clairton, Pa.

Charles William Dixon Philadelphia, Pa.

Cyril Sunday Daniel Edoho Nigeria, W.A.

Richard Arnold Edwards Philadelphia, Pa.

Columba Lazarus Ekanem Nigeria, W.A.

Joseph Dickson Esema Nigeria, W.A.

Kenneth Alexander Babatunde Fergusson Sierra Leone, W.A.

Howard Sessley Gaston Philadelphia, Pa.

Walter Elton Hewick Berbice, B.G.

Robert Lee Hudson	Philadelphia, Pa.
Ma'moun Mahmoud Hussein	Nablus, Jordan
Donald Effiong Ufford Inyang	Nigeria, W.A.
William Jefferson	Bellport, N.Y.
Charles Wardel Johnson, IV	Belmar, N.J.
George Delano Jones	Turks Islands, B.W.I.
Robert Granville Kelly	Warwick, Md.
David Bernard Kent, Jr.	Philadelphia, Pa.
William Frank Lawrence, Jr.	Jersey City, N.J.
Darrick Sidney Leacock	Atlantic City, N.J.
Clifton Alexander Leftridge, Jr.	Harrisburg, Pa.
Melvin Douglas Lewis	Pittsburgh, Pa.
Donald Curtis McMeans	East Hartford, Conn.
Clarence Norris Mills	Atlantic City, N.J.
Lawrence Paul Neal	Philadelphia, Pa.
Norman Windsor Poe	Newport News, Va.
Charles Arthur Powel	Philadelphia, Pa.
Harriet Patricia Redd	Philadelphia, Pa.
Clifford Saunders	Whitesboro, N.J.
Alton Ray Sherrod	Philadelphia, Pa.
Douglas Ross Simpson	North Braddock, Pa.
Frankie Francis Smith	Philadelphia, Pa.
Helen Galloway Soliwoda	West Grove, Pa.
John Bernard Spencer	Reading, Pa.
Bernice Kaarlo Suominen	Lincoln University, Pa.
Herbert Thompson, Jr.	Brooklyn, N.Y.
Carlton Dean Trotman	York, Pa.
Victor Jimmy Uffen	Nigeria, W.A.
Emmanuel John Utuk	Nigeria, W.A.
David Hornoe Walker	Philadelphia, Pa.
Thomas Orville Wilson	Landenberg, Pa.
Clive Orville Wright	St. Albans, N.Y.

HONORS

Senior Honor Students

cum laude

Theodore Harmon Butcher
 Howard Sessley Gaston
 Donald Effiong Inyang

Willam Frank Lawrence, Jr.
 Helen Galloway Soliwoda
 Herbert Thompson, Jr.

Prizes Awarded on Honors Day

May 9, 1962

- Elizabeth H. Train Memorial Prizes in OratoryFirst: Noble Thompson
 Second: Rowland Anyanwu, John W. Douglas
- Class of 1899 Prize in EnglishWilliam F. Lawrence
- C. Morris Cain Prize in BibleJames H. Montgomery
- Walter F. Jerrick Prize in BiologyKenneth A. Fergusson
- S. LeRoy Morris Prize in BiologyLeroy M. Burton
- William S. Quinland Prize in BiologyEdmond F. Scott
- William H. Madella PrizeDonald C. McMeans
- National Ladies Auxiliary PrizeRoland C. Clough
- Silas F. Taylor Memorial PrizeWilliam F. Lawrence
- Frazier S. Taylor Memorial PrizeHorace A. Judson
- Eichelberger Award for Creative WritingTheodore O. Francis
- Ladies Auxiliary AwardsAlexander E. Carter, Sylvester Murray
- The General Chemistry AwardAndrew D. McBride
- Freshman Mathematics Achievement AwardEgbert L. Addison
- E. K. Marrow Memorial AwardWilliam F. Lawrence
- Amy L. Johnson AwardTheodore H. Butcher, Herbert Thompson
- Henry W. B. Campbell AwardWilliam F. Lawrence
- Rabbi Weitz Beth Israle Temple Award ...Joseph D. Esema, Donald E. Inyang
- Rudolph Guttman Intercultural AwardCalvin S. Morris
- Phi Beta Kappa Dean's List AwardAlexander E. Carter
- Phi Beta Kappa Annual Fraternity Scholarship Award Alpha Phi Alpha
- Phi Beta Kappa Essay AwardJames Funna
- Omega Psi Phi Award in Honor of
 Sister Lottie WilsonWilliam F. Lawrence
- Kappa Alpha Psi Earl Harris Memorial AwardCarlton D. Trotman
- Philadelphia Section ACS Scholastic
 Achievement AwardMa'moun M. Hussein
- Chemical Rubber Company Physics Achievement AwardCharles L. Groves
- Wall Street Journal Subscription and MedalTheodore H. Butcher
- Eastern Long Island Alumni ScholarshipKenneth C. Collins
- Samuel Robinson ScholarshipsGenwood C. Brooks, Carl D. Clarké
 James S. Funna, Howard S. Gaston, Donald A. Green
 Horace A. Judson, Ronald K. Lawrence, William F. Lawrence
 Archie Perry, Marita J. Rivero, Kay L. Suthern
- The Phi Kappa Epsilon Honor SocietyHelen G. Soliwoda
- Christian R. and Mary F. Lindback Awards
 for Distinguished TeachingJames W. Frankowsky, Thomas M. Jones
- General Alumni Association AwardsJ. Austin Norris, '12
 Julius H. Taylor, '38, Martin V. Waters, '39

DIRECTORY OF STUDENTS

1962-1963

Freshman Class

Albright, Robert Lewis	Philadelphia, Pa.
Albrighton, James Warren	Cleveland, Ohio
Andriole, Paul Eric	West Grove, Pa.
Armstrong, Norman Alva	St. Croix, V.I.
Arraf, Rakad Wadi'h	Ma'ale Hagail, Israel
Astrop, William Robert	Homestead, Pa.
Ayot, Henry Okello	Kenya, E.A.
Baderinwa, Richard Ola	Nigeria, W.A.
Bailey, Herschel Leon	Cleveland, Ohio
Bassett, Edward James	Avondale, Pa.
Beal, Perry Weldon, Jr.	Los Angeles, Calif.
Bettors, Roy Richard	West Mifflin, Pa.
Black, James, Jr.	Hartford, Conn.
Bogle, Donald Eugene	Yeadon, Pa.
Bowers, June Olivia	Oxford, Pa.
Braxton, Thomas Clyde, Jr.	Philadelphia, Pa.
Brookins, Kenneth Frederick	Yorktown, Va.
Brown, Reginald Willis	Salisbury, N.C.
Brown, William Turner	Philadelphia, Pa.
Bryant, Sandy Mack, Jr.	Ford City, Pa.
Burns, Ronald Louis	Brooklyn, N.Y.
Bynoe, Victor Cameron, Jr.	Boston, Mass.
Byrd, Lee Edward	Paulsboro, N.J.
Cann, Wendell Thomas	West Pembroke, Bermuda
Chaney, Dewey Alan	Hackensack, N.J.
Chavious, Ronald Russell	Norfolk, Va.
Childs, John Theodore, Jr.	Springfield, Mass.
Christy, Samuel Martin, Jr.	Brooklyn, N.Y.
Coan, Bobby James	Salisbury, N.C.
Coates, Gary Victor	Oxford, Pa.
Coleman, William Heywood, Jr.	Hollis, N.Y.
Collins, Florence Van Volkenburgh	Landenberg, Pa.
Collins, William Keelan, Jr.	Washington, D.C.
Connor, Alan Tyrone	Philadelphia, Pa.
Cook, William Raymond	West Grove, Pa.
Daniels, Audry Raiford	Columbia, S.C.
Daniels, Ernest, Jr.	Newport News, Va.
Dash, Leon DeCosta, Jr.	Bronx, N.Y.
Davis, Kenneth Neal	Philadelphia, Pa.
Dawson, Charles Daniel	Newark, N.J.
Diggs, John Robert, Jr.	Pittsburgh, Pa.
Dixon, Andrew Lee	Philadelphia, Pa.
Duncan, James Guy	Dover, Pa.
Ekong, Anthony Eyo Udo	Nigeria, W.A.
Elijah, Abram	Philadelphia, Pa.
English, Raymond McKinley	Roxbury, Mass.
Esema, Ibok Dickson	Nigeria, W.A.
Essien, Okon Johnnie Ibok	Nigeria, W.A.
Etienne, Ramalefane	Basutoland, S.A.
Evans, James Edward	Hartford, Conn.
Evans, James Thelbert, Jr.	Hamden, Conn.
Fachin, Roger John	West Grove, Pa.
Farmer, Clarence, Jr.	Philadelphia, Pa.
Franklin, Oliver St. Clair, Jr.	Baltimore, Md.

Garcia, Juan Antonio	St. Croix, V.I.
Glover, Thomas Edward	Bayonne, N.J.
Goodman, Fred Steven	Toms River, N.J.
Graham, William Theodore, Jr.	Philadelphia, Pa.
Gray, Thomas Walker	Hackensack, N.J.
Green, James Lee, Jr.	Portsmouth, Va.
Grimes, Gary Charles	Hartford, Conn.
Gunn, Thomas Philip	Philadelphia, Pa.
Halter, Edward Alphonse	Parkesburg, Pa.
Hassan, Abdulhamid Mohamed	Somalia, E.A.
Hastings, Marvin Clyde	Oxford, Pa.
Henderson, John Ralph	Oxford, Pa.
Hill, William Edward	Bryn Mawr, Pa.
Hinton, Ronald Charles	Englewood, N.J.
Horychata, Nicholas	Philadelphia, Pa.
Howard, Richard Elwin	Cherry Hill, N.J.
Hunter, Robert Lee	Riviera Beach, Fla.
Ireland, Roderick Louis	Philadelphia, Pa.
Jackson, Anthony Earl	Philadelphia, Pa.
Jackson, Donald Lloyd	Coatesville, Pa.
Jackson, Eddie, Jr.	Hartford, Conn.
Jama, Abdi Awaleh	Somalia, E.A.
James, Walter Fitz Bernell, Jr.	Nashville, Tenn.
Jefferson, Henry Lee, Jr.	Philadelphia, Pa.
Johnson, Anthony Oliver	Philadelphia, Pa.
Karioki, James Njoroge	Kenya, E.A.
Khamanza, Samuel Jossie	Kenya, E.A.
King, Howard Renshaw	Philadelphia, Pa.
Kinnard, John Earl, Jr.	Philadelphia, Pa.
Krumrine, Herbert Winfield	Parkesburg, Pa.
LaCorte, Benedict Ralph	Toughkenamon, Pa.
Lee, Reginald Douglas	Hartford, Conn.
Lloyd, Albert Edward	Philadelphia, Pa.
Long, Arthur Hesiki	New York, N.Y.
Mack, Theodus, III	Hartford, Conn.
Marshall, Warren Harvey, Jr.	Philadelphia, Pa.
Mattaur, James Harden	Montclair, N.J.
Moonyanc, Paul	Basutoland, S.A.
Muhtadi, Nail Abdul Rahim	Ramallah, Jordan
Murphy, James Arthur, Jr.	Rankin, Pa.
Nelson, Clarence LaMont	Donora, Pa.
Noble, Howard Doyle, Jr.	Newport News, Va.
Ntabe, Joseph Tsepo	Basutoland, S.A.
Okon, Gabriel Asuquo	Nigeria, W.A.
Palco, John, Jr.	Avondale, Pa.
Perkins, Ralph Allen	Philadelphia, Pa.
Phillippe, Judith Sheila	West Grove, Pa.
Phillips, Elmore Chauncey, Jr.	Morton, Pa.
Polk, Silas William	Detroit, Mich.
Pollock, James Allen	Oxford, Pa.
Powell, James Kenneth	Pittsburgh, Pa.
Queenan, Roy Anthur	Gwynedd Valley, Pa.
Quiller, Carlton	Scranton, Pa.
Raney, George Wesley, III	Newport News, Va.
Reed, Joseph	Bradenton, Fla.
Reynolds, Arnett Frank	Jersey City N.J.
Roberts, Anthony Brenton	Somerset Bridge, Bermuda
Robinson, Harry Collins	Lancaster, Pa.
Russell, Clayton Weidman	Philadelphia, Pa.
Schlegel, Judy Ann	Fleetwood, Pa.

Sealey, George Marshall, III	Los Angeles, Calif.
Sexton, Bennett Ray	York, Pa.
Sheffey, Joel Gordon	New York, N.Y.
Shittu, Zikroo Agboola	Nigeria, W.A.
Smith, Baxter Dennis	Philadelphia, Pa.
Smith, James Matthew, Jr.	Philadelphia, Pa.
Smith, John Julius	Englewood, N.J.
Smith, William Henry	Washington, D.C.
Soliwoda, Wesley Mark	West Grove, Pa.
Sowers, Stephen Ray	Manchester, Pa.
Spain, Charles Henry, Jr.	Chester, Pa.
Stapleton, Carol Ann	West Grove, Pa.
Stroud, Michael	Kelton, Pa.
Svanoe, William Stephen	West Grove, Pa.
Thomas, Vaughn Levi	East Elmhurst, N.Y.
Umoren, Udo Ukpong	Nigeria, W.A.
Van Blake, Claudia Gretchen	Plainfield, N.J.
Vicks, Raymond Lee, Jr.	Philadelphia, Pa.
Walls, Charles Rodney	Philadelphia, Pa.
Ware, John Haines, IV	Oxford, Pa.
Washington, Burton Edward	Detroit, Mich.
Washington, Reuben James	York, Pa.
Watson, Joseph James	Red Bank N.J.
Weaver, Ronald Hamilton	Kirkwood, Pa.
Webb, William Arthur	Hamden, Conn.
Williams, Charles Sylvester	Philadelphia, Pa.
Williams, Edgar Lehman, Jr.	Washington, D.C.
Wright, Howard Emory, Jr.	Columbia, S.C.
Wyatt, Roger Millard	Erie, Pa.

Sophomore Class

Addison, Egbert Langston	Gary, Ind.
Agborh, Nicholas Mekiuruwa	Nigeria, W. A.
Ajagunna, Noah Adebola	Nigeria, W. A.
Amianda, Daniel Etisi	Kenya, E. A.
Anderson, Morris	Sharon Hill, Pa.
Anjili, Nyahera Laban	Kenya, E. A.
Archie, Robert Louis, Jr.	Philadelphia, Pa.
Austin, William Edward	Pittsburgh, Pa.
Black, Jonathan Royce	Philadelphia, Pa.
Bowlsbey, William Joseph	Elkton, Md.
Boyle, Harvey Kay	Elkton, Md.
Breedlove, Charlotte Lee	Philadelphia, Pa.
Burrs, Emma Louis	Philadelphia, Pa.
Butler, Ronald Ernest	Detroit, Mich.
Closson, David Lee	West Chester, Pa.
Coverdale, Charles Alfred	Bronx, N. Y.
Cumm, Jeffrey Lynn	Rising Sun, Md.
Dabney, Joseph Franklin	Ardmore, Pa.
Dickerson, Charles Edward	Duquesne, Pa.
Dorsey, Joseph Roy, Jr.	New York, N. Y.
Edmunds, Philip Alvin	Philadelphia, Pa.
Edwards, Winston Owen	Philadelphia, Pa.
Esannason, Rubio Alexander	St. Croix, V. I.
Fennell, Johnie Lee	Philadelphia, Pa.
Ferrer, Fred Dizon	Lingayen, Philippines
Fitzpatrick, Sanse Eugene	Atlanta, Ga.
Fortune, Chester Mansfield, III	Washington, D. C.
Foster, DeWitt Talmadge	Camden, N. J.

Francis, Theodore Oval	Bronx, N. Y.
Frank, Michael Kenneth	Brooklyn, N. Y.
Frederick, Carl Reynold	Philadelphia, Pa.
Freeman, Charles	New York, N.Y.
Freeman, Harold Wadsworth	Philadelphia, Pa.
Galbreith, Ronald Newkirk	Wilmington, N. C.
Garrett, Thomas Bibbins	Philadelphia, Pa.
Gibbons, William Ernest	Philadelphia, Pa.
Gilliam, Reginald Earl	New York, N. Y.
Godsey, Walter Thomas	Atlantic City, N. J.
Groves, Charles Lewis, Jr.	Reading, Pa.
Guyden, Thomas Earl	Fort Worth, Tex.
Harris, Nathan Walter	Brooklyn, N.Y.
Harris, Oscar Lewis	Pittsburgh, Pa.
Hedge, Eugene Lacy	Beaver Falls, Pa.
Heron, Michael Francis	Oxford, Pa.
Herring, James Robert, Jr.	Pittsburgh, Pa.
Holliday, George Washington	Durham, N. C.
Horne, Lloyd Ernest	Springfield Gardens, N. Y.
Houck, Lawrence Clayton	West Grove, Pa.
Ige, Anthony Ola	Nigeria, W.A.
Inyang, Sylvester Edem Ekpang	Nigeria, W. A.
Isang, Efiang Tom	Nigeria, W.A.
Jackson, Joseph Oliver, Jr.	Hollis, N. Y.
James, Robert Arnold	Bergenfield, N. J.
Jarvis, Gary Wayne	New London, Pa.
Jefferson, Willard Madison	Pittsburgh, Pa.
Johnson, Wyatt Bernard	Atlantic City, N. J.
Joines, Neil Clarence	Kennett Square, Pa.
Jones, Veronica Louise	Coatesville, Pa.
Joseph, Charles Richard	Staten Island, N. Y.
Karanja, Benjamin Wallace	Kenya, E. A.
Kimble, John Cameron	Nottingham, Pa.
King, Spencer Thomas	Aliquippa, Pa.
Kuhn, Robert Alfred	Parkesburg, Pa.
Kyle, Gregory Pride	Durham, N.C.
Lamborn, John Wilson, Jr.	West Grove, Pa.
Lambright, Donald Martin	Cleveland, Ohio
Leggett, William Oliver, Jr.	Trenton, N. J.
Lovelace, Richard Hamilton	Atlanta, Ga.
Luster, James Raleigh	Durham, N. C.
McBride, Andrew Dennis	Brooklyn, N. Y.
McCray, George Frederick	Bronx, N.Y.
Malima, Omari Nyamanda	Tanganyika, E. A.
Mattison, Clarence Edward	Atlanta, Ga.
Michelson, Gary Abe	Kennett Square, Pa.
Moorehead, Morris Darryl	St. Croix, V. I.
Moorehead, Winston Laverne	St. Croix, V. I.
Murphy, Edward	Pittsburgh, Pa.
Parham, Michael Ernest	Dorchester, Mass.
Patience, Harold Lee	West Pittston, Pa.
Polk, James Arthur	Chadds Ford, Pa.
Pope, Charles Edward	New York, N. Y.
Reyburn, Ronald Harvey	West Grove, Pa.
Rhodes, David Harry	Pittsburgh, Pa.
Ritchie, Charles Wood, Jr.	Rising Sun, Md.
Robinson, Gene Christophe	Philadelphia, Pa.
Ross, Edgar Del'Isle	St. Croix, V. I.
Smith, Edwin Nichols	Los Angeles, Calif.
Sneed, William Lee, Jr.	Middletown, Conn.

Stancil, Reginald Alfonso	Bristol, Pa.
Strickland, Renaldo Thomas	Camden, N. J.
Suthern, Kay Lorraine	Lincoln University, Pa.
Takeuchi, Kunihiko	Kyoto, Japan
Taylor, Phillip Arthel	Boston, Mass.
Tilghman, Gerald Thomas	Philadelphia, Pa.
Turner, Ernest Vernon	Oklahoma City, Okla.
Umo, Eyo Ukpong	Nigeria, W. A.
Upperman, Arthur James	Plainfield, N. J.
Veny, Robert Lee, Jr.	White Plains, N.Y.
Walker, Robert Niles	New York, N. Y.
Wallace, William Percival	Chattanooga, Tenn.
Waters, David Joseph	Harrisburg, Pa.
Weaver, Royal Samuel, III	Philadelphia, Pa.
White, Reginald Conrad	Philadelphia, Pa.
Wiles, Spencer Hilton	New York, N. Y.
Williams, Claude Louis	Englewood, N. J.
Williams, David Solomon	St. Croix, V. I.
Williams, Warren Odell	Newark, N. J.
Wilson, Donald Gemell	Avondale, Pa.
Woods, James DeWitt	Washington, D. C.
Wright, Alfonso Garfield	Yorktown, Va.

Junior Class

Abbiw, Henry Ebenezer	Ghana, W. A.
Aikens, Louis Harold, Jr.	Washington, D. C.
Akam, Peter James	Nigeria, W.A.
Alexander, James Washington	Tuskegee, Ala.
Ambrose, Otis Jimmy	Atlanta, Ga.
Anderson, Rebaann	Coatesville, Pa.
Anthony, James Rupert	Wayne, Pa.
Azikiwe, Ernest Onuorah	Nigeria, W. A.
Bachofer, Bruce Allen	Newtown Square, Pa.
Best, William Gerard	Philadelphia, Pa.
Borden, Joseph Price	Bronx, N. Y.
Brown, Howard Hawkins	Lincoln University, Pa.
Brown, Jeremy Alan	Coatesville, Pa.
Bufford, John Henry	New York, N.Y.
Bullock, Thackeray Kingsley	Trevese, Pa.
Byabato, Emmanuel Mujuni	Tanganyika, E. A.
Carroll, Alfred Benjamin, Jr.	Philadelphia, Pa.
Carter, Leroy Herman, Jr.	Coatesville, Pa.
Celebre, Victor Bruno	Philadelphia, Pa.
Clarke, Carl Denzil	Barbados, B. W. I.
Dickerson, Richard Earl	Oxford, Pa.
Dickinson, Vernon McDonald	Antigua, B. W. I.
Douglas, John William	Chester, Pa.
Draper, Sondra Elizabeth	Lincoln University, Pa.
Edet, Anthony Paulinus	Nigeria, W. A.
Edmead, William Frank	Washington, D. C.
Evans, Richard Reedy	Oxford, Pa.
Felton, Maceo Nesbit	Syracuse, N. Y.
Fisher, Jerome Tyler	Philadelphia, Pa.
Floyd, Billy Herman	Bethlehem, Pa.
Funna, James Sallu	Sierra Leone, W.A.
Gaskins, James Horace	Philadelphia, Pa.
Graybeal, Hubert Morris	Kelton, Pa.
Greene, John Randolph	Detroit, Mich.
Grey, Lyndoors Wynn	Plainfield, N.J.

Harris, William Oscar	Atlantic City, N. J.
Hickey, Andrew Edward, Jr.	Oxford, Pa.
Hines, Joseph Leroy	Plainfield, N.J.
Hoagland, Everett Henry, III	Philadelphia, Pa.
Holloway, Marvin	Albany, Ga.
Jama, Ali Mohamed	Somali, E. A.
Jervay, Trapier John	Philadelphia, Pa.
Johnson, James Arthur	Baltimore, Md.
Kanyike, Tefiro Nasibu	Uganda, E.A.
Lantz, Thomas Eugene	Parkesburg, Pa.
Lee, William Norman King	Philadelphia, Pa.
Levester, Harold Henry	New York, N.Y.
Lopes, Salvatore Thomas	Manchester, Conn.
Mattiaci, John Anthony	Philadelphia, Pa.
Mitchell, Patricia Dade	Philadelphia, Pa.
Montgomery, James Henry	Fort Lauderdale, Fla.
Moran, Albert Oscar	Lincoln University, Pa.
Morrison, Tommy Roy	Pittsburgh, Pa.
Morton, Howard Sidney	Philadelphia, Pa.
Moteles, Eugene Leonard	Philadelphia, Pa.
Mugenyi, Abraham Ebrahim	Uganda, E. A.
Nelson, Carlos I. H.	Jamaica, B.W.I.
Opara, Anthony Cuhdo	Nigeria, W. A.
Osakwe, George Chukwudi	Nigeria, W. A.
Osborne, Robert	Lincoln University, Pa.
Pittman, Joffie Christopher	Philadelphia, Pa.
Pruitt, James Walter	New York, N. Y.
Ramsey, Gene Albion	Tuskegee, Ala.
Randolph, Larry Davis	Camden, N. J.
Riale, Robert Chester	Chadds Ford, Pa.
Rivero, Marita Joy	Lincoln University, Pa.
Ruley, Clifton, Jr.	Philadelphia, Pa.
Russell, Paul Golden, Jr.	Philadelphia, Pa.
Ryland, Julius Alphonse, Jr.	Cheyney, Pa.
St. Clair, Herbert Maynadier, III	Cambridge, Md.
Seray-Wurie, Ahmed Alhaji	Sierra Leone, W.A.
Sheen, Albert Augustus	St. Croix, V. I.
Shihundu, John Akhamwa, Jr.	Kenya, E.A.
Smith, Herbert Harold	Plainfield, N.J.
Smith, Stanley Thomas	Hagerstown, Md.
Sumner, Harold R., Jr.	West Grove, Pa.
Sumner, William Albert	Oxford, Pa.
Terry, Arthur Harry	Jersey City, N. J.
Thompson, Irvin Winfield, Jr.	Philadelphia, Pa.
Thompson, Noble Lee, Jr.	Chester, Pa.
Uchendu, Uma	Nigeria, W. A.
Umoren, Edet Akpan	Nigeria, W.A.
Vaughn, Homer Eugene	Nottingham, Pa.
Virgil, David Alfred	Somerset Bridge, Bermuda
Walters, Dennis Lund	Oxford, Pa.
Warfel, William Henry	Oxford, Pa.
Warner, Paul Aston	St. Albans, N.Y.
Wheeler, Jean Galloway	Oxford, Pa.
White, David McKinley	Oxford, Pa.
Williams, Kenneth Beresford	New York, N. Y.
Williams, Rodney David	Philadelphia, Pa.
Woodard, Charles, Jr.	Portsmouth, Va.
Young, Henry Delaney, Jr.	Norfolk, Va.
Young, Thelma Ellen	Wilmington, Del.

Senior Class

Adjei, Augustine Kofi	.....	Ghana, W. A.
Anderson, John Charles	.....	Philadelphia, Pa.
Anderson, Theodore Roosevelt	.....	East Elmhurst, N. Y.
Andrews, Charles Clifton	.....	San Antonio, Tex.
BaCote, Neil Lorenzo	.....	Newark, N. J.
Ballard, Charles Andrew, Jr.	.....	Philadelphia, Pa.
Barnes, Allen Richard	.....	Reading, Pa.
Bates, Marion	.....	Hempstead, N. Y.
Baxter, Alonzo Blair, Jr.	.....	Coatesville, Pa.
Beaman, Donald George	.....	Whitesboro, N. J.
Betz, Raymond Edward	.....	Philadelphia, Pa.
Bridgewater, Vincent Roland	Chesterfield	Pembroke, Bermuda
Brooks, Glenwood Cecil, Jr.	.....	Philadelphia, Pa.
Butler, Joseph Henry	.....	Columbia, S.C.
Carter, Alexander Eugene	.....	Philadelphia, Pa.
Constant, Frank Carter	.....	Philadelphia, Pa.
Corbin, Phyllis Carol	.....	Philadelphia, Pa.
Covington, Rushton Theodore	.....	Langhorne, Pa.
Crowder, John Elliott	.....	Whitaker, Pa.
Daniels, Joseph Wayne	.....	Philadelphia, Pa.
Davis, Lafayette Franklin	.....	Philadelphia, Pa.
Diggs, Charles Edward, Jr.	.....	Harrisburg, Pa.
Edmiston, Alonzo, Jr.	.....	Philadelphia, Pa.
Edmunds, Larry	.....	Pittsburgh, Pa.
Emanuel, Gene Kenneth	.....	St. Croix, V. I.
Gibson, Charles Horace	.....	Pennsauken, N. J.
Gittens, Whitfield A.	.....	Brooklyn, N. Y.
Gray, Arthur Allen's-Moore	.....	New York, N. Y.
Guerrant, Terry L'Ouverture	.....	Harrisburg, Pa.
Guinals, Francisco	.....	Brooklyn, N. Y.
Hall, Paul	.....	Red Bank, N. J.
Harris, Lawrence Lambert	.....	Philadelphia, Pa.
Harris, Leslie Terrence	.....	Philadelphia, Pa.
Harrison, Roger Scott, Jr.	.....	Lexington, Va.
Hatton, Eugene O.	.....	Philadelphia, Pa.
Herr, Charles William, Jr.	.....	Oxford, Pa.
Hughes, Dennis Allan	.....	Pittsburgh, Pa.
Jackson, Andrew Fleming	.....	Philadelphia, Pa.
Jackson, Larry	.....	Philadelphia, Pa.
Jacobs, Stanley	.....	St. Croix, V. I.
Johnson, Raymond Medwick	.....	New York, N. Y.
Johnson, Roland	.....	Cleveland, Ohio
Judson, Horace Augustus	.....	Fort Lauderdale, Fla.
Keels, Edward Wellington	.....	Philadelphia, Pa.
Kometa, Albert Ronald	.....	Warminster, Pa.
Lawrence, Marvin Edward	.....	West Chester, Pa.
Lawrence, Ronald Kenith	.....	Jersey City, N. J.
Lowuse, Kenneth Aloha	.....	New London, Conn.
Malloy, William W.	.....	Harrisburg, Pa.
Mandeville, Edgar Oliver	.....	New York, N. Y.
Mann, Robert Hilton	.....	Red Bank, N. J.
Martin, David Warren	.....	West Grove, Pa.
Mathis, James Sylvester	.....	Philadelphia, Pa.

Mitchell, Keiffer Jackson	Baltimore, Md.
Morris, Calvin Sylvester	Philadelphia, Pa.
Mugo, Nicholas Muratha	Kenya, E. A.
Murray, Sylvester	Miami, Fla.
Ngaamba, Titus Kimanathi	Kenya, E. A.
Nquot, Kaiso	Nigeria, W.A.
Oates, Bernard Dennis	Farmingdale, N. J.
Perry, Archie	Coatesville, Pa.
Pickering, Allen Alva	New York, N.Y.
Pratt, Christopher Godfrey	New York N. Y.
Ravenell, William Hudson	Boston, Mass.
Sam, Eventius Edet	Nigeria, W.A.
Scott, Richard Nathaniel	Dundalk, Md.
Scott, William Randolph	Philadelphia, Pa.
Sherman, Rudolph Emmett	Liberia, W. A.
Simpkins, Earl Maurice	Philadelphia, Pa.
Simpkins, John Paul	Philadelphia, Pa.
Staplefoote, Clarence Theodore	Winston-Salem, N. C.
Taliaferro, Theodore Johnson	Tyler, Tex.
Treherne, Madison, Jr.	Yeadon, Pa.
Ukpong, Ignatius Isaac	Nigeria, W. A.
Walker, Herman	Philadelphia, Pa.
Walls, Orville Russell	Kennett Square, Pa.
Wambaa, Lawrence Waiyaki	Kenya, E. A.
Wilkerson, Dandridge Eugene	Thorpe, W. Va.
Williams, Donald Allen	Jersey City, N. J.
Wu, Jack C. K.	Taiwan, China

Unclassified

Anderson, Samuel Edward, III	Hempstead, N.Y.
Atonda, Saidu	Nigeria, W.A.
Bajkowski, Frank Anthony	New Milford, Pa.
Balaban, John Bálavny	Warminster, Pa.
Bennett, Donald Ireton	Pasadena, Calif.
Bookhard, James Bland	Hempstead, N.Y.
Boula, John	Cameroun, W.A.
Brown, William Earl, Jr.	Coatesville, Pa.
Cahall, William Kenneth, Jr.	Charlestown, Md.
Cruz, Antone Baptista, Jr.	New Bedford, Mass.
Essien, Boniface Akpan	Nigeria, W.A.
Etuk, Francis Archibong	Nigeria, W.A.
Gears, Judson Oscar	New London, Pa.
Gichabá, Naftal Robert	Kenya, E.A.
Jagannath, Kanigilakoppa Shamaiahgowda	Shimoga, India
Kanyomози, Yonasani B.	Uganda, E.A.
Kodabakhsh, Victor	Tehran, Iran
Lecrone, Frank Norman, Jr.	York, Pa.
Ledbetter, Freeman Hillyard, Jr.	Washington, D.C.
Levin, Morris Alan	Bala Cynwyd, Pa.
Peay, Yorrick	Philadelphia, Pa.
Quander, Rohulamin	Washington, D.C.
Spangler, Henry Allen, III	Lincoln University, Pa.
Walusimbi, James Batange	Uganda, E.A.
Wright, James William	Norristown, Pa.

Special

Brisson, Kathleen	West Grove, Pa.
Buchanan, John	Claymont, Del.
Gunn, Virginia	Lincoln University, Pa.
Lee, Charles Richard	Toughkenamon, Pa.
Mandeng, David M.	Cameroun, W.A.
Matsen, James Horace Henry	Lincoln University, Pa.
Milbourne, Dorothy	Lincoln University, Pa.
Misori, Nyawanga	Kenya, E.A.
Oswald, Blaine Robert	Atglen, Pa.
Primack, Devorah	Lincoln University, Pa.
Rizzotte, Peter Leonard	Kennett Square, Pa.
Shoop, Gerald Louis	West Grove, Pa.
Starr, William Charles	Avondale, Pa.
Young, Jonathan	Landenberg, Pa.

Unclassified Students under the Special African Program

Almedia, Jeronimo	Angola, W.A.
Bassingthwaight, Brian	South West Africa
Chembe, Goodfellow	Northern Rhodesia
Chicuarra, Joseph	Mozambique, E.A.
Chirenje, Jackson	Southern Rhodesia
De Almeida, Adriano	Angola, W.A.
Dhliwayo, Selby	Southern Rhodesia
Garob, Moses	South West Africa
Hidinua, Joseph	South West Africa
Kgositsile, William	Republic of South Africa
Kuhangua, Jacob	South West Africa
Lambo, Artur	Mozambique, E.A.
Mambo, Patrick	Southern Rhodesia
Mangwana, Cephas	Southern Rhodesia
Marima, Moses	Kenya, E.A.
Masaya, Robert	Southern Rhodesia
Magido, Herbert	Mozambique, E.A.
Mingiedi, Faustin	Angola, W.A.
Moyana, James	Mozambique, E.A.
Mutambirwa, James	Southern Rhodesia
Nangolo, Johannes	South West Africa
Ndinze, Gregorie	Burundi, Central Africa
Ngwenya, Philip	Nozambique, E.A.
Nkosi, Morley	Republic of South Africa
Sadiq, Suweid	Tanganyika, E.A.
Sakupwanya, John	Mozambique, E.A.
Seshibe, Jerry	Republic of South Africa
Setai, Bethuel	Republic of South Africa
Thlloe, Spences	Republic of South Africa
Tschapoh, Antonio	Mozambique, E.A.
Zvobgo, Chengetai	Southern Rhodesia

Summary

Senior	81
Junior	94
Sophomore	110
Freshman	144
Unclassified	25
Special	14
Special African Program	31
Total	499

An analysis of the geographical distribution of the 499 students is as follows:

NEW ENGLAND STATES		SOUTH ATLANTIC STATES	
Connecticut	11	District of Columbia	8
Massachusetts	8	Florida	5
	<hr style="width: 100%;"/>	Georgia	5
	19	North Carolina	7
		South Carolina	3
		Virginia	10
			<hr style="width: 100%;"/>
			38
WEST SOUTH CENTRAL STATES		UNITED STATES POSSESSIONS	
Oklahoma	1	Virgin Islands	11
Texas	3		<hr style="width: 100%;"/>
	<hr style="width: 100%;"/>		11
	4		
MIDDLE ATLANTIC STATES		FOREIGN	
Delaware	2	Africa	89
Maryland	11	Angola	3
New Jersey	36	Basutoland	4
New York	41	Burundi	1
Pennsylvania	217	Cameroun	2
	<hr style="width: 100%;"/>	Ghana	2
	307	Kenya	13
		Liberia	1
EAST NORTH CENTRAL STATES		Mozambique	7
Michigan	4	Nigeria	26
Ohio	4	Northern Rhodesia	1
	<hr style="width: 100%;"/>	Republic of S. Africa ..	5
	8	Sierra Leone	2
		Somalia	3
CENTRAL STATES		South West Africa	5
Indiana	1	Southern Rhodesia	7
	<hr style="width: 100%;"/>	Tanganyika	3
	1	Uganda	4
		Bermuda	4
EAST SOUTH CENTRAL STATES		British West Indies	3
Alabama	2	China	1
Tennessee	2	India	1
	<hr style="width: 100%;"/>	Iran	1
	4	Israel	1
		Japan	1
FAR WESTERN STATES		Jordan	1
California	4	Philippines	1
	<hr style="width: 100%;"/>		<hr style="width: 100%;"/>
	4		103

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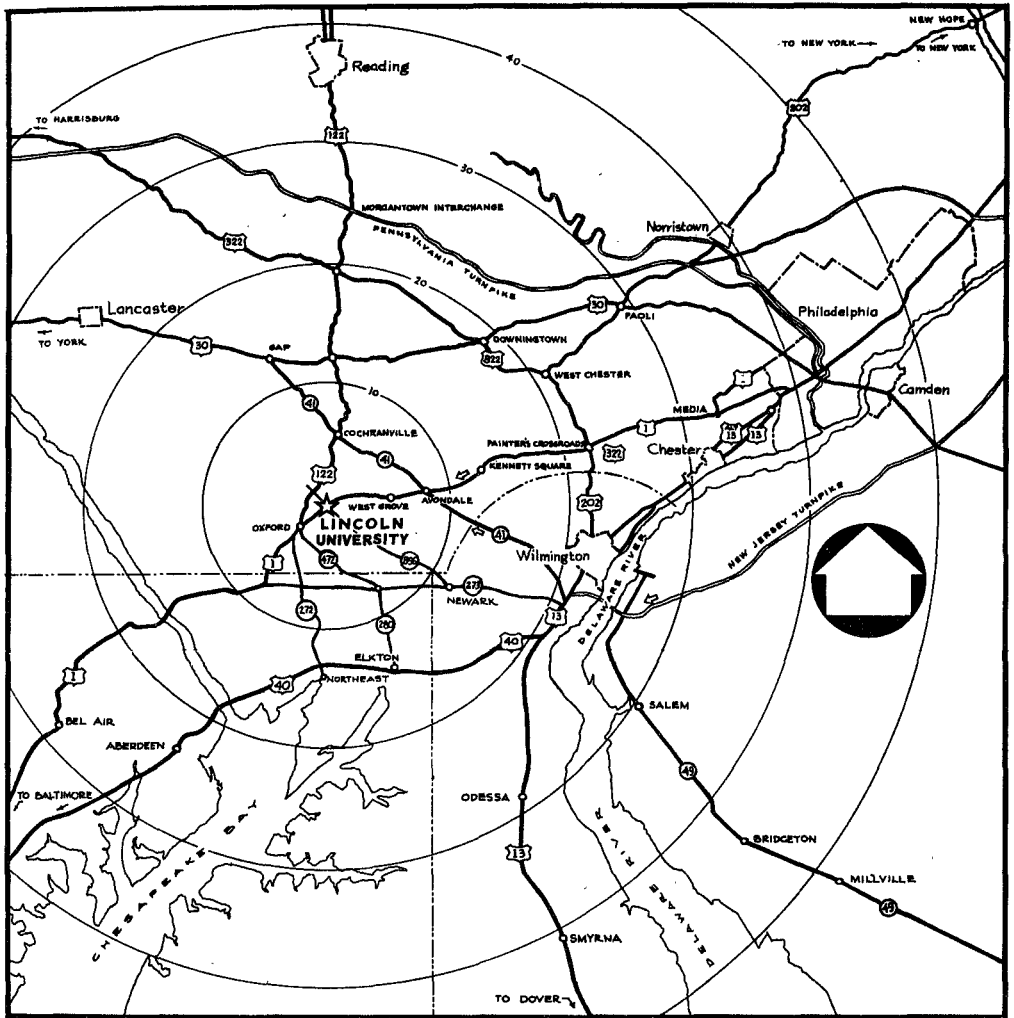
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