

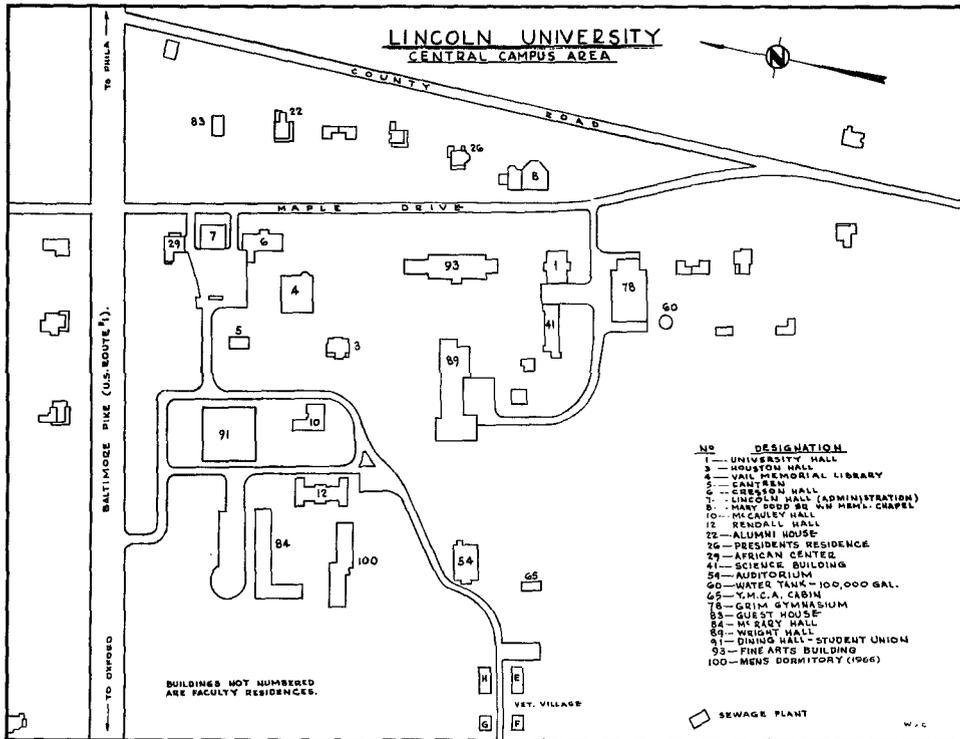
1966-1967



LINCOLN
UNIVERSITY
BULLETIN

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 Office of Admissions

REQUEST FOR TRANSCRIPTS

The Registrar

FINANCIAL AID, STUDENT EMPLOYMENT

The Financial Aid Officer

FINANCIAL ARRANGEMENTS AND PAYMENT OF BILLS

The Comptroller

PERSONAL AND SOCIAL LIFE OF STUDENTS

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 19352

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.

SPRING 1967



LINCOLN
UNIVERSITY
CATALOG

1966-1967

The 112th University Year



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

Table of Contents

UNIVERSITY CALENDAR	4
INTRODUCTION TO LINCOLN	5
OBJECTIVES	
ACCREDITATION	
HISTORY	
RESOURCES	
ADMISSIONS	11
EXPENSES	15
SCHOLARSHIPS, FINANCIAL AID, AND PRIZES	19
GENERAL INFORMATION	25
CO-CURRICULAR AND STUDENT ACTIVITIES	
ATHLETIC AND HEALTH PROGRAMS	
AFRICAN PROGRAM	
BUILDINGS AND LIVING ARRANGEMENTS	
UNIVERSITY REGULATIONS	41
PROGRAMS OF STUDY	51
COURSES OF INSTRUCTION	57
DIRECTORY	99
TRUSTEES	
FACULTY	
ADMINISTRATION	
DEGREES, HONORS	111
DIRECTORY OF STUDENTS	114
ENROLLMENT STATISTICS	
GENERAL ALUMNI ASSOCIATION	122
INDEX	125

University Calendar

113TH UNIVERSITY YEAR

THE FIRST SEMESTER

1966

September	15-19.....	Freshman Orientation Week		
September	20.....	Registration	8:00	a.m. Tuesday
September	21.....	Classes begin	8:00	a.m. Wednesday
November	13-19.....	Mid-term tests	12:00	noon Wednesday
November	23.....	Thanksgiving Recess begins		
November	28.....	Thanksgiving Recess ends	8:00	a.m. Monday
December	17.....	Christmas Recess begins	12:00	noon Saturday

1967

January	3.....	Christmas Recess ends	8:00	a.m. Tuesday
January	18.....	Final examinations begin	8:00	a.m. Wednesday
January	28.....	Final examinations end	12:00	noon Saturday

THE SECOND SEMESTER

January	30.....	Registration	8:00	a.m. Monday
January	31.....	Classes begin	8:00	a.m. Tuesday
March	13-18.....	Mid-term tests		
March	23.....	Spring recess begins	8:00	a.m. Thursday
March	29.....	Spring recess ends	8:00	a.m. Wednesday
May	22.....	Final examinations begin	8:00	a.m. Monday
May	29.....	Final examinations end	5:00	p.m. Monday
June	4.....	Baccalaureate Service	10:30	a.m. Sunday
		Commencement	2:30	p.m. Sunday

114TH UNIVERSITY YEAR

THE FIRST SEMESTER

1967

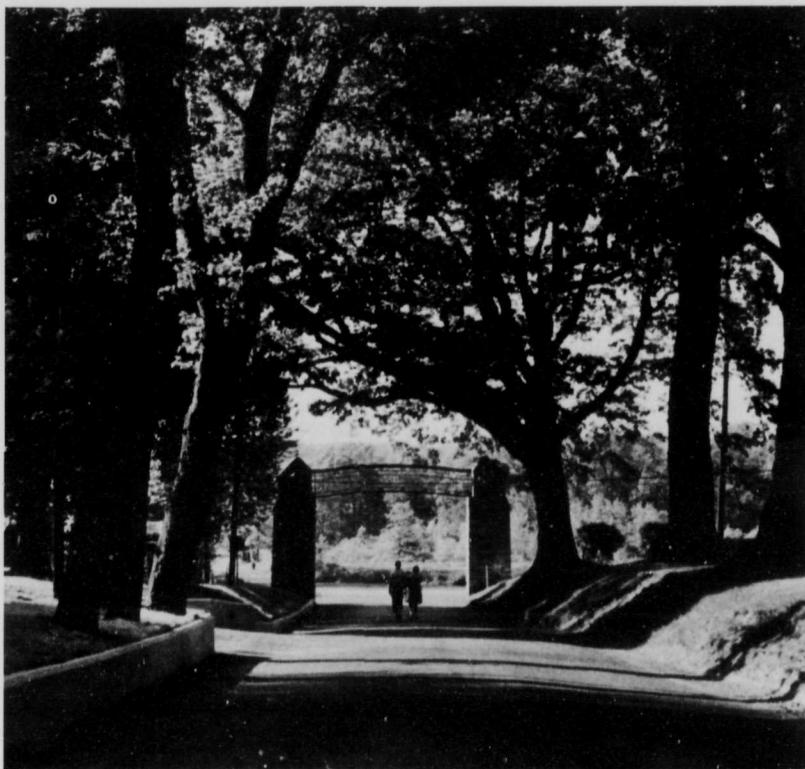
September	14-18.....	Freshman Orientation Week		
September	19.....	Registration.....	8:00	a.m. Tuesday
September	20.....	Classes begin.....	8:00	a.m. Wednesday
November	13-18.....	Mid-term Tests		
November	22.....	Thanksgiving Recess begins.....	12:00	noon Wednesday
November	27.....	Thanksgiving Recess ends.....	8:00	a.m. Monday
December	16.....	Christmas Recess begins.....	12:00	noon Saturday

1968

January	3.....	Christmas Recess ends.....	8:00	a.m. Wednesday
January	17.....	Final Examinations begin.....	8:00	a.m. Wednesday
January	27.....	Final Examinations end.....	12:00	noon Saturday

THE SECOND SEMESTER

January	29.....	Registration.....	8:00	a.m. Monday
January	30.....	Classes begin.....	8:00	a.m. Tuesday
March	18-23.....	Mid-term Tests		
April	11.....	Spring Recess begins.....	8:00	a.m. Thursday
April	17.....	Spring Recess ends.....	8:00	a.m. Wednesday
May	20.....	Final Examinations begin.....	8:00	a.m. Monday
May	27.....	Final Examinations end.....	5:00	p.m. Monday
June	2.....	Baccalaureate Service.....	10:30	a.m. Sunday
		Commencement.....	2:30	p.m. Sunday



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 provided a superior liberal arts education to students "of every clime and complexion." Few universities in this country enroll as large a percentage of students from other countries.

Lincoln University is a nonsectarian, coeducational, privately controlled and state-aided four-year college of liberal arts. Its campus, surrounded by the rolling farmlands and wooded hilltops of Southern Chester County, Pennsylvania, is conveniently located on U.S. Route 1, 45 miles southwest of Philadelphia and 55 miles north of Baltimore.

Those who come to Lincoln will share in a rich heritage and a challenging future. The Lincoln student of today has a unique opportunity to equip himself, through a basic training in the liberal arts, for the profes-

sions, business, education, government, and social 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 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 culture, 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.

To achieve such diversity and to provide the educational values of learning to live constructively in a pluralistic society, Lincoln University will continue, as it has traditionally done with conspicuous success, to accept students with underprivileged backgrounds and to provide compensatory educational opportunities to the full limit of its resources.

ACCREDITATION

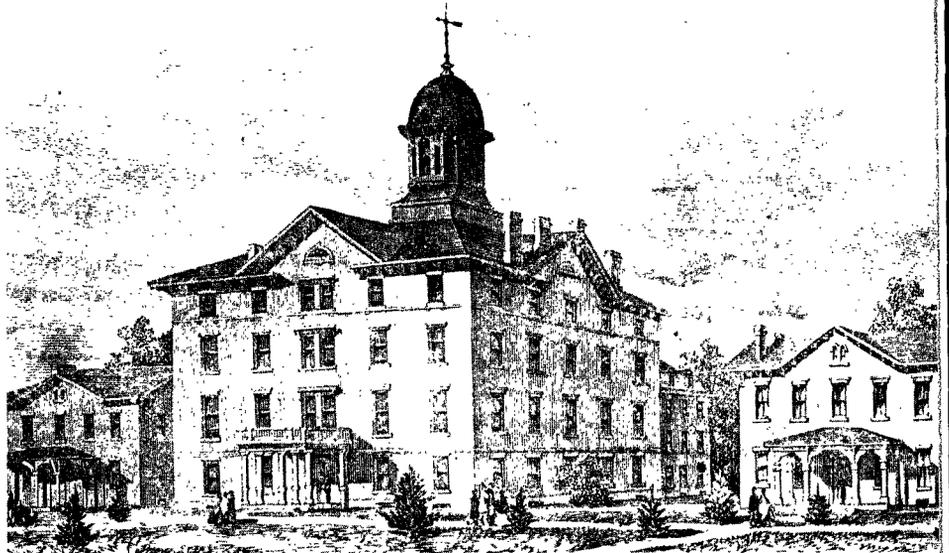
The College is approved by the College and University Council of the State of Pennsylvania, by the American Medical Association and, since December 1, 1922, as a fully accredited four-year senior college by the Middle States Association of Colleges and Secondary Schools.

HISTORY

The story of Lincoln University goes back to the early years of the nineteenth century and to the ancestors of its founder, John Miller Dickey, and his wife, Sarah Emlen Cresson. The maternal grandfather of John Miller Dickey was a Philadelphia marble merchant who made contributions to the education of Negroes in that city as early as 1794; his father was minister of the Oxford Presbyterian Church before Rev. Dickey, after serving as a missionary and preaching to the slaves in Georgia, became pastor of that same church in Oxford, Pennsylvania, in 1832. Sarah Emlen Cresson inherited a long tradition of service and philanthropy through the Society of Friends in Philadelphia.

Rev. Dickey was involved in the American Colonization Society and took an active part in 1851 in the court actions leading to the freeing of a

LINCOLN UNIVERSITY IN THE 1860's



young Negro girl who had been abducted from southern Chester County by slave-raiders from Maryland. At the same time, having been unsuccessful in his efforts to gain admission to even the most liberal of schools for a young freeman, James Amos, Rev. Dickey undertook to prepare the young man for the ministry.

In October of 1853 the Presbytery of New Castle approved the plan advanced by Rev. Dickey 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 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 were encouraged to enroll; two graduated in the first baccalaureate class of six men in 1868, and the enrollment has continued to be interracial.

A great schoolmaster, Isaac N. Rendall, became principal of Ashmun Institute in 1865 and president of Lincoln University in 1866. Within a decade, plans for the Law, Medical, and Pedagogical Schools had to be dropped for financial reasons, but the College of Liberal Arts grew in stature and the Theological Seminary continued until 1959 to prepare many Lincoln graduates for the ministry.

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 was succeeded by his nephew, John Ballard Rendall, who served as 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, president from 1945 to 1957, was succeeded first by Dr. A. O. Grubb, professor of Romance Languages, and then by Dr. Donald C. Yelton, University librarian, who served as acting presidents. In the summer of 1961, Dr. Marvin Wachman was appointed president of the University.

Since the turn of the century the number of Lincoln alumni undertaking graduate study for the various professions — most notably, medicine, dentistry, law, and education — has increased to include more than 50% of Lincoln's graduates.

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



VAIL MEMORIAL LIBRARY

economic and cultural background makes the campus a natural setting for intergroup relations, resulting in a greater sensitivity to human relations and a better understanding of group dynamics.

RESOURCES

The campus is part of a tract of 300 acres of farm and woodlands owned by the University. There are 19 main buildings on the campus and 21 faculty residences. Wright Hall, opened in 1960, provides facilities for the latest instruction in physics, chemistry, and mathematics. A new student union was completed in January, 1964.

The fine arts and humanities building opened in 1966 and the Science Hall is being doubled in size for study and research in the life sciences. Within the next two years a new men's dormitory is to be constructed, in 1966.

The Library, which contains over 100,000 volumes and receives about 500 different periodicals a year, is considered to be one of the finest for a college of Lincoln's size.

The University has an endowment of over \$2,000,000 and buildings and grounds with a book value over \$500,000.



Admissions

Applications are welcomed from prospective freshmen any time after the completion of the junior year in secondary school. Lincoln University employs the "rolling admissions" system in which there is no official deadline for applications. However, it is strongly recommended that applications be made before March 1 of the calendar year in which the applicant wishes to be admitted.

Those who wish to apply for admission should write the ADMISSIONS OFFICE, Lincoln University, Lincoln University, Pennsylvania, for application forms. The application form should be completed by the applicant and returned to the Admissions Office. An application fee of \$10.00 must accompany each application and is not refundable.

The Secondary School Transcript and Student Description Summary form should be given to the counselor or headmaster of the applicant's secondary school to be completed and returned directly to the Admissions Office by the applicant's school. All applicants will be informed by the Admissions Committee's decision after all of their credentials have been received by the Admissions Office.

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
Science	2
Academic electives	3
Other electives	2
	—
	15

It is recommended that the elective subjects include an additional unit of a foreign language, of mathematics, and of history or 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 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 test 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): *Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California 94701.*

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 comparable examinations such as the Local Examinations of the English Universities.

ADVANCED PLACEMENT

Students who have completed college level courses in secondary schools and have taken the Advanced Placement Examination administered by the College Entrance Examination Board may have the results forwarded to Lincoln University for evaluation. The chairman of the department concerned evaluates the performance on the test and determines the credit to be allowed for the work.

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, but no student who has been enrolled less than two semesters at Lincoln University will be recommended for a degree. The applicant should request the institution last attended to send to the Registrar a transcript of his academic record. On the basis of this transcript a tentative estimate can be given the candidate as to the prescribed work he

must do and the length of time it will take him to earn a degree. At the end of his first semester at Lincoln, he will be given a definite classification with a statement of the exact amount of work he must complete before recommendation for the degree.

Candidates for advanced standing must also furnish a certificate of honorable dismissal from the institution previously attended, a certificate of good moral character from an authorized representative of his college, and a certificate of sound health.

TESTING PROGRAM: NEW STUDENTS

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

READING PROGRAMS

Students entering Lincoln University with scores below the fiftieth percentile in the Sequential Tests of Educational Progress in reading are enrolled in a Reading Program designed to increase comprehension and to improve study habits. The program, instituted in 1956, is jointly conducted by the English and the psychology departments, and involves three regular class meetings a week. One credit hour is granted to students reaching an adequate level of achievement after the first or second semester.

MATRICULATION

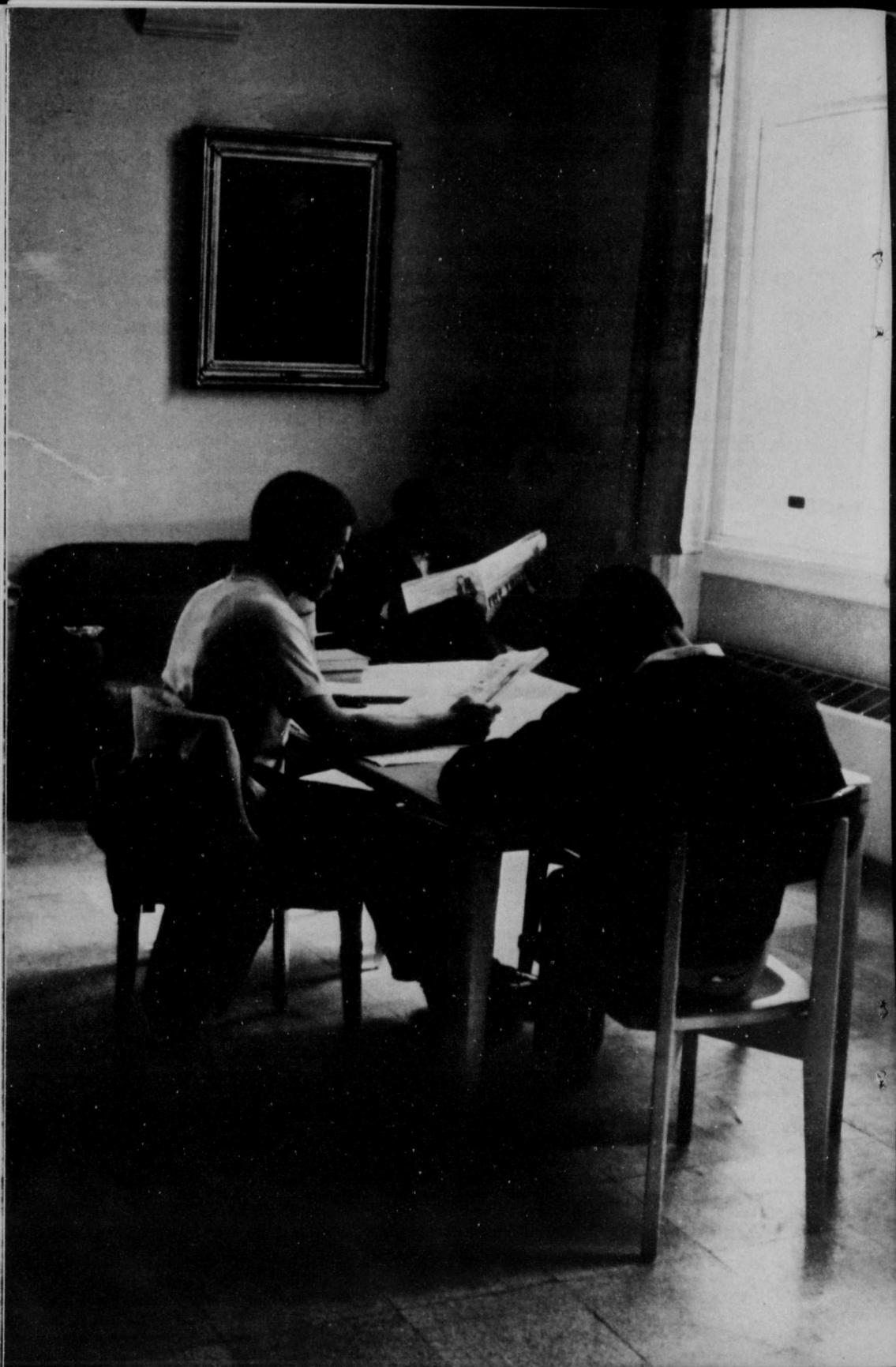
Before attending any University exercise, each student must present himself in person at the University Office and there obtain an official matriculation card signed by the Comptroller, and from the Registrar, a card showing the courses he is scheduled to take during the ensuing semester.

LATE REGISTRATION

Students presenting satisfactory excuse for tardy registration may pay the late registration fee of five dollars and be admitted to the College during a period not exceeding two weeks after the opening of any semester. The student will be held accountable, however, for the assignments already covered in class.

WITHDRAWAL

An honorable discharge will be granted to any student in good academic standing and not subject to discipline, provided his financial obligations to the University have been met and his library card has been cleared. Notification of intention to withdraw must be given to the Office of the Dean of Students, and a student under twenty-one years of age must present the written consent of his parents or guardian to the Dean.



Expenses 1966-67

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/>	<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/>	<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

Orientation and Placement Tests	\$12.00
Matriculation	12.00
Laboratory	3.00 to 10.00
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 deferred payments)	5.00

Miscellaneous Fees, assessed as incurred by full-time or part-time students, are payable in addition to Standard Charges.

Part-time students are charged for tuition at the rate of \$30.00 per semester hour. Other students are charged the same rate for each semester hour in excess of eighteen.

The Breakage Deposit, required of all students, 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 \$25.00 Room Deposit is required of each student to reserve a place 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 May 1. The deposit is not refundable, but it is credited toward the school bill upon registration.

REGULATIONS GOVERNING PAYMENT OF COLLEGE BILLS

Unless other arrangements are specifically agreed upon in consultation or correspondence with the Comptroller's Office, 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.

Remittances for school expenses should be made payable to Lincoln University and addressed to the Business Office.

As an associate of The Tuition Plan, Inc., the University is able to extend to students or their parents or guardians the opportunity of paying college expenses in installments during the school year. Details will be furnished on request.

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 even though their parents are, in most instances, responsible for settlement of school bills. The University is able to render more prompt and satisfactory services by dealing with students who share in the concern for a most effective use of funds being invested in their educational future.

REFUNDS

Tuition only is refundable upon withdrawal of a student, for other than disciplinary reasons, 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 notice of withdrawal has been given to the Dean of Students and the Business Office.

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

STUDENT DEPOSIT ACCOUNT

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





Scholarships, Financial Aid, and Prizes

A broad range of financial aid is available to students from University funds and outside sources. Financial assistance is provided to most students through a combination of scholarships, grants-in-aid, loans, and work opportunities. Prospective students are urged to contact the University's Financial Aid Officer in order to discuss individual financial problems.

The services of the College Scholarship Service (CSS) of the College Entrance Examination Board are used in determining the amount of financial aid to be granted to a student in accordance with financial need. The CSS assists colleges and universities and other agencies in determining the student's need for financial assistance. Entering students seeking financial assistance are required to submit a copy of the Parents' Confidential Statement (PCS) form to the College Scholarship Service, designating Lincoln University as one of the recipients of the information. This form may be obtained from a secondary school or the College Scholarship Service, P.O. Box 176, Princeton, New Jersey 08540 or P.O. Box 1025, Berkeley, California 94704.

UNIVERSITY SCHOLARSHIPS

Scholarships ranging in amounts from \$100 to \$1800 per year are available from University funds, depending upon the need and academic qualifications of the student. While preference is given to those with an excellent record in an accredited high school and high College Entrance Examination Board test scores, careful consideration is also given to needy students who give evidence of high motivation and potential leadership. The amount of such awards is determined by the demonstrated need of the applicant.

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 at least a general Group 3 grade, appeal may be made to the Committee on Scholarship to prevent automatic forfeiture of scholarship allowance for that semester.

OTHER SCHOLARSHIPS

The University also administers a variety of scholarship funds provided by alumni, corporations, and foundations. The conditions under which these scholarships are granted are the same as with regular Lincoln University Scholarships.

PENNSYLVANIA 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 Senate of Pennsylvania.

Lincoln students who are residents of Pennsylvania are eligible to apply for scholarship grants from the Pennsylvania Higher Education Assistance Agency.

These scholarships, awarded on the basis of need and/or scholastic Aptitude Test scores, range from \$200 to \$1600 per year. Detailed information concerning this program is available in most secondary school guidance offices or from the University's Financial Aid Officer.

FEDERAL EDUCATIONAL OPPORTUNITY GRANTS

Grants-in-aid from the federal government are available in amounts of from \$200 to \$800 under a program financed by the federal government. These grants must be matched by University funds. Students are considered for these grants automatically when application is made for a University Scholarship and no separate application need be submitted.

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

NATIONAL DEFENSE STUDENT LOANS

From a fund, including 10% of institutional and 90% of federal financing, loans are made to needy students. A student may borrow up to \$1,000 a year if he qualifies academically and in terms of 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.

GUARANTEED LOANS

Under a system of guarantees established by the Federal Government and various state governments, students may borrow up to \$1,000 per year from participating loan agencies to be repaid after the student ceases or completes his course of study. Details concerning these programs are available through secondary school guidance officers or the University's Financial Aid Officer.

UNITED STUDENT AID FUNDS, INC.

Under this program a qualified student may, after his freshman year,

borrow up to \$1,000 annually, or a combined total of \$4,000 during his undergraduate enrollment. After the loan is approved it is negotiated at the student's home town member bank.

DUVALL B. EVANS LOAN FUND

This fund, a gift from Mrs. Edith C. Evans, widow of Duvall B. Evans of the Class of 1911, is to be used to provide loans to worthy and needy students. The fund is administered with special concern for incoming students who would otherwise not be able to attend college.

STUDENT EMPLOYMENT

Many employment opportunities are available through the University's Work Aid Program and a Work-Study Program financed in part by the Federal Government. Students with a satisfactory academic average are eligible for a wide variety of part-time jobs in the student union, library, laboratories, offices, and doing maintenance work.

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. Earnings must be applied to a student's account if it is in arrears.

PRIZES

The following prizes are offered annually for proficiency in the area indicated:

THE HUMANITIES

THE CLASS OF 1899 PRIZE is given to that member of the Senior Class who passes a creditable examination in English studies and writes the best essay on some assigned topic.

THE C. MORRIS CAIN PRIZE is given annually to that student in the college who has maintained general excellence in English Bible studies.

THE EDWARD S. SILVERA AWARD FOR CREATIVE WRITING, established in 1964 for a five year period by John D. Silvera in memory of his brother, is granted annually to the student who has, in the opinion of a faculty-staff committee, published creative work of the highest quality in *The Lincolnian*.

WILLIAM EICHELBERGER AWARD FOR CREATIVE WRITING—to the student having written the best poem or short story published in *The Lincolnian*.

THE WILLIAM B. SUTHERN MEMORIAL AWARD is given to a graduating senior for proficiency in music and outstanding scholarship.

THE CLASS OF 1900 PRIZE is awarded to that student who, in the judgment of the faculty, has acquitted himself most creditably in inter-collegiate debates.

THE ELIZABETH H. TRAIN MEMORIAL PRIZES IN ORATORY (given in 1919 by the Rev. William F. Finney, D.D., in memory of Elizabeth H. Train) are

awarded to the best and to the next best speaker in a public oratorical contest for sophomores.

THE WALTER FALES MEMORIAL PRIZE IN PHILOSOPHY is given in memory of Walter Fales, Professor of Philosophy, 1946-1953, to the student whose work in philosophy is of the highest quality.

THE ALICE FRANCOISE NGO MANDENG MEMORIAL PRIZE IN PHILOSOPHY is awarded annually to a student whose work in philosophy merits lasting honor.

THE WILLIAM E. QUEENAN, SR. MEMORIAL AWARD — A plaque and monetary annual award for work in the theatre. The recommendation for the recipient of the award shall be made to the Committee on Prizes and Awards through the faculty member in charge of drama.

NATURAL SCIENCE

THE BRADLEY GOLD MEDAL is awarded to that member of the Senior Class who has maintained the highest average standing in selected branches of physical science.

ROSA BRADLEY READ MEMORIAL PRIZE IN CHEMISTRY — to the senior showing highest proficiency in chemistry.

THE EASTERN LONG ISLAND CHAPTER AWARD is given to the student most proficient in the field of science.

THE NORMAN EDWARD GASKINS MEMORIAL PRIZE IN ORGANIC CHEMISTRY (endowed in 1955 in memory of Professor Norman E. Gaskins, '34, teacher of Organic Chemistry, 1937-1955) is awarded annually to that student attaining the highest average in organic chemistry.

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) is given 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.) is awarded 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 RICHARD M. WHEELER MEMORIAL PRIZE (given in his memory by his wife and children) is awarded to the student whose work in pre-engineering is of the highest quality.

THE JOSEPH LEROY WILLIAMS MEMORIAL PRIZE endowed by Mrs. Carrie W. Williams in memory of her husband, Joseph Leroy Williams, Lincoln University '29 is awarded annually to that student in the Senior Class who has been accepted in a Medical School and who has the highest average in chemistry and biology courses.

SOCIAL SCIENCE

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 HISTORY DEPARTMENT PRIZE — awarded annually to that member of the graduating class whose work in history has shown the most consistent merit during his time as a Lincoln University student.

PRIZES FOR SCHOLARSHIP STANDING

THE CLASS OF 1916 PRIZE is awarded, 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 is awarded, 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 WALTER F. JERRICK PRIZE is awarded to that student in the graduating class who shows the most improvement in scholarship during his four years at Lincoln University.

THE E. K. MARROW MEMORIAL PRIZE (established by Gloria G. Marrow, in memory of her brother, Edmond Kirk Marrow) is awarded annually to the graduate from the state of New Jersey with the highest average.

THE FRAZIER S. TAYLOR MEMORIAL PRIZE (contributed by the father and uncle of the late Frazier S. Taylor) is awarded to that member of the Junior Class who best combines scholarship and athletic ability.

THE SILAS F. TAYLOR MEMORIAL PRIZE is given to the valedictorian of the graduating class.

GENERAL PRIZES

THE HENRY W. B. CAMPBELL AWARD (given by Mrs. Campbell in memory of her husband, Lincoln, 1903; Seminary, 1906) is presented to one or more students who best combine the qualities of scholarship and Christian character.

THE AMY L. JOHNSON AWARD is granted to that student of the college who has shown the most improvement in personality and scholarship during the last three full years of residence.

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) is given 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 NORTH SHORE SYNAGOGUE RELIGIOUS SCHOOL AWARD is given annually to the student who does most to promote human rights at home or abroad.

THE SAMUEL ROBINSON SCHOLARSHIPS are granted in sums from fifty to two hundred dollars or more, to needy and worthy students who have recited correctly from memory the answers to the 107 questions in the Westminster Shorter Catechism.

THE RABBI WEITZ AWARD is granted to the student who does most for inter-faith, interracial and inter-group cooperation on a world level.

THE WOMAN STUDENTS ASSOCIATION KEY is awarded annually to the woman graduate who, in the opinion of the faculty committee, best represents the ideals of the University.

THE RICHARD T. LOCKETT MEMORIAL PRIZE endowed by Mrs. Amaza M. Lockett in memory of her husband, Richard T. Lockett, Lincoln University, '18 is awarded annually to that member of the Senior Class who during his or her enrollment in the university has made a significant contribution to the campus and the local community.

NATIONAL LADIES AUXILIARY PRIZE awarded annually to a deserving student who is a member of the Senior Class.

General Information

CO-CURRICULAR AND STUDENT ACTIVITIES

The Program of Lincoln University includes a well-rounded program of formally organized and informal student activities. Many such activities are centered in the Student Union. General student opinion is expressed through the Senate of the Student Government Association and this organization sponsors many of the activities on the campus. From the variety of activities the student is free to participate in those which appeal to his or her own interest.

The Lectures and Recitals Committee brings to the campus a variety of distinguished musical productions and lecturers. Each year the various student and university organizations sponsor a varied program of events with a wide range of appeal.

Among the speakers and programs presented in the past year have been: George Houser, director of the American Committee on Africa; Dr. Raymond C. Saalbach, director of Admissions, Wharton School of Finance and Commerce, University of Pennsylvania; Sarah Patton Boyle, famed author and lecturer; Dr. James H. Robinson, '35, founder and executive director of Operation Crossroads Africa; Dr. Eduardo Mondlane; president of the National Liberation Front in Mozambique; Dr. Robert R. Walter of Haverford College Chemistry Department; Masuko Ushioda, Japanese concert violinist; Howard Sims, chairman of the Bogalusa Deacons for Self-Defense and Justice; Claudia Lindsey, soprano concert artist; Dr. Roy Nichols, vice provost and dean of the Graduate School at the University of Pennsylvania; Prof. Bernard B. Fall, Howard University Department of Political Science; Prof. Roy Sieber, department of Art, University of Indiana; Robert Resha, South African Nationalist leader in exile; Rabbi Martin Weitz, Jewish Chautauqua Society; Melvin B. Tolson, '23, distinguished poet; Tabernacle Echoes, choral group from Washington, D.C.; Dr. N.H. Friedman, Jefferson Medical School; Dr. Muhammad A. Rauf, Islamic Foundation, New York; Dr. Amiya Chakravarty, Boston University; the Rev. Terrence Monihan, assistant Chancellor of the Roman Catholic Archdiocese of Philadelphia; Dr. Thomas Melady, president of the African Service Institute; Evelyn Crochet, concert pianist; Mr. William Wheles, actor and singer; and Etsuko Tozaki, concert pianist.

Students work with the Lectures and Recitals Committee in choosing programs and the various student organizations are also free to bring speakers of interest to the campus. Programs are arranged for the entire student population as well as for special interest groups. Large attendance programs are held in the University's Mary Dod Brown Memorial Chapel. Special interest meetings and events are held in any one of several lecture halls available in Wright Hall, the Student Union, and the Fine Arts Building.

Included in the program of the Student Union Committee is a series of foreign and American films.

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 VARSITY CLUB, composed of students who have won their "L" in any sport, fosters student morale and encourages good sportmanship.

THE LINCOLN CHAPTER OF THE ALPHA KAPPA ALPHA HONORARY FRATERNITY IN PHILOSOPHY sponsors discussions of philosophical topics.

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 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 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 3.33 and above for a minimum of three semesters exclusive of their freshman year. 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. Transfer students must be in residence at Lincoln two semesters before being considered for election.

THE UNIVERSITY GLEE CLUB is open to all students of the college who qualify in semiannual tryouts. Members in good standing are eligible to receive one credit hour yearly upon recommendation of the director. In addition to accepting frequent off-campus engagements, the Glee Club schedules an annual concert tour and presents a Christmas Musicale and a Spring Concert on campus.

THE UNIVERSITY ENSEMBLE is a vocal group of twelve singers picked from the Glee Club and usually featured in the concert programs. There is a stipend attached to the services of the Ensemble, which furnishes the music for the Sunday Chapel services.

THE LINCOLN UNIVERSITY PLAYERS generally present two formal productions and at least one informal or workshop performance each year, cooperate in the productions on campus of the Lincoln Community Players, and sponsor other dramatic events on campus. Membership is open to all students who have taken active part in the performance or production of at least two plays. The season generally includes the exchange of productions with dramatic groups in neighboring colleges.

STUDENT PUBLICATIONS include *The Lincolnian* and its literary supplement, published eight times a year as an activity of the class in journalism; and *The Lion*, the senior yearbook.

CHAPTERS of the following intercollegiate fraternities sponsor social and cultural events on campus: Alpha Phi Alpha, Kappa Alpha Psi, Omega Psi Phi, Phi Beta Sigma, and Beta Sigma Tau.

FACILITIES for co-curricular and student activities include the Student Union, the Chapel and Little Theatre, the Auditorium, the Ladies Auxiliary Guest House, the gymnasium, and grounds. Included are four handball courts; soccer, football and intramural football fields, a baseball diamond and softball field, seven tennis courts, and a five-hole practice golf course.

Game rooms and music listening booths as well as meeting rooms, lounges, bookstore, and snack bar are contained in the Student Union.

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 holds its worship service each Sunday morning in the Mary Dod Brown Memorial Chapel on campus. 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.

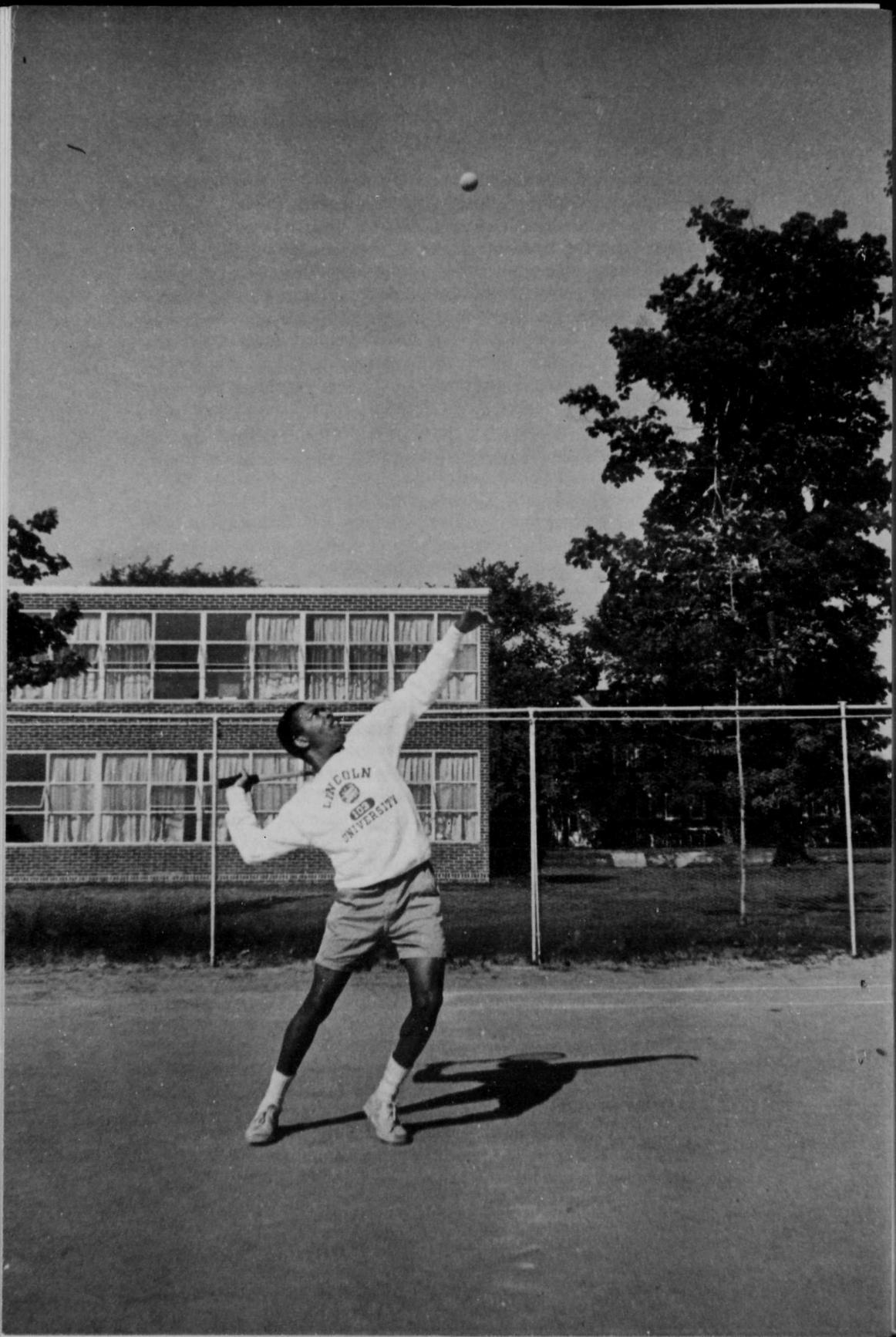
There are clubs for various denominational groups on campus.

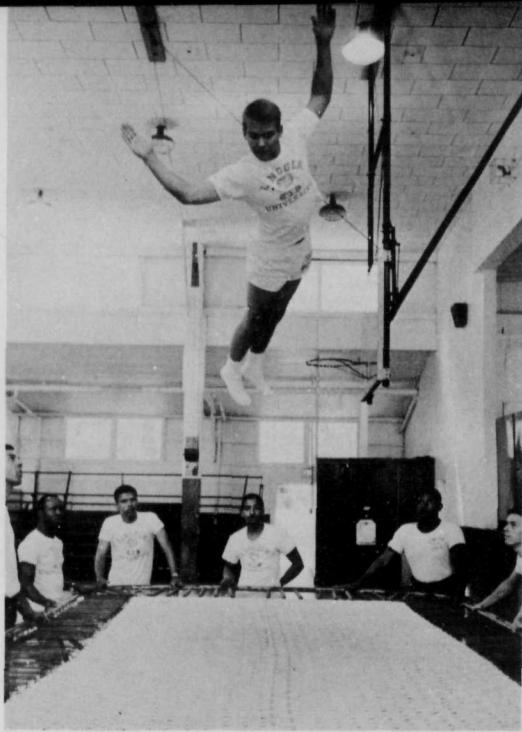
THE JOHN MILLER DICKEY SERVICE SOCIETY is composed of college students who plan to enter the ministry. It meets twice a month for the discussion of religious and social topics.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION cooperates with the national, the state, and the southern branches of the Association, and promotes locally a program of religious and recreational activity.

THE ATHLETIC PROGRAM

Physical education, as well as the program of intercollegiate and intramural athletics, is a part of the curriculum and therefore subject to faculty control and regulation.





PHYSICAL EDUCATION

The importance of physical education and physical fitness is recognized in the effort made to provide a varied program designed to meet the needs and to reflect the interests of the students. All full time students are required to take at least three hours a week of physical education during each of the first two years of enrollment unless excused by the University Physician or unless comparable training has been had in the armed forces or elsewhere.

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. Any regular student, presently enrolled and carrying a minimum of twelve semester hours of academic work, may participate in co-curricular activities including varsity sports. 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 standards 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.A., and the Delaware Valley Conference. The varsity intercollegiate sports program includes soccer, cross country, basketball, wrestling, baseball, tennis and track.



INTRAMURAL SPORTS

About two-thirds of those enrolled at Lincoln choose to be involved in an intramural sports program which affords opportunity to all students for active participation in organized physical activities. The program provides recreational opportunities for students, faculty and their families, and guests in a variety of activities including bowling, touch football, football skills, table tennis, badminton, volleyball, golf, softball, weight training, trampoline, horseshoes, handball, and basketball. League play and tournaments organized on both team and individual basis are held in most of the activities.

It is hoped that every student will participate in an intramural activity and that, through participation, he will develop a wholesome attitude toward physical activity as a leisure time pursuit.

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 Health and Medical Fee, which is part of the General Fee, is paid by all students. It 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 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 that provided by the University Health Service.

Before final admission, each student is required to have a comprehensive medical examination to provide information required in the form 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.

INTERNATIONAL PROGRAMS

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.

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 heads of state, 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 four significant collections of African art and artifacts. Its curriculum and special programs also reflect that orientation.



The *African Center*, the first institution of its kind in the country, provides special educational opportunities for refugee students from areas of Africa which still have colonial or territorial status. This program provides one of the few opportunities for higher education for students from Southern Africa. Students from Angola, Bechuanaland, Mozambique, Republic of South Africa, Rhodesia, Somalia, South West Africa, Sudan, Swaziland, Tanzania, Zambia, Basutoland, Spanish Guinea and Ruanda, have been represented in this program.

Early in 1963 Lincoln University became the first institution of its size to be assigned a *Peace Corps* Unit. Since then men and women have been trained for service in several African and Caribbean countries.

For the past three summers Lincoln University has conducted a variety of programs for the African Center students, for foreign students enrolled or about to be enrolled in other colleges and universities, and for students commuting from nearby communities.

The Institute for African Government provides short term instruction for African students and government officials in fields such as public administration and local government. The Institute also sponsors research projects in various aspects of African studies.

The African Language and Area Studies Program sponsors a variety of courses and special projects in African studies. The services of this program are available to students from other colleges in the area and provide a unique opportunity to prepare for graduate training or vocational opportunities related to Africa.

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 more than academic value to a curriculum rich in African studies, political and social science, and the humanities.

BUILDINGS

LIBRARY AND CLASSROOMS

VAIL MEMORIAL LIBRARY is centrally located on the campus. The capacity of the original library, opened in 1899, was doubled by the construction of a wing and the original structure was renovated in 1954.

The open-shelf book collection of over 100,000 volumes (including bound periodicals) is well distributed throughout the major branches of knowledge. The current rate of additions is approximately 3,000 volumes per year. About 500 periodicals are currently received.

Reading and study facilities conform to standards 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 and three other collections of African art and artifacts.



FINE ARTS AND HUMANITIES BUILDING includes a modern language laboratory; a library of recordings, tapes and films; a small auditorium with a projection room and large screen television, high-fidelity radio, and phonograph equipment for the study of the fine arts and cinema; a practice room for choral and instrumental music; seminar and class rooms, including special facilities for public speaking and debate; a little theatre designed for easy conversion to each of the three main types of theatrical production (arena, open, and procenium arch); a studio of the fine arts, a combination lobby and gallery for art exhibits, fourteen small practice and listening rooms, and offices for faculty members.

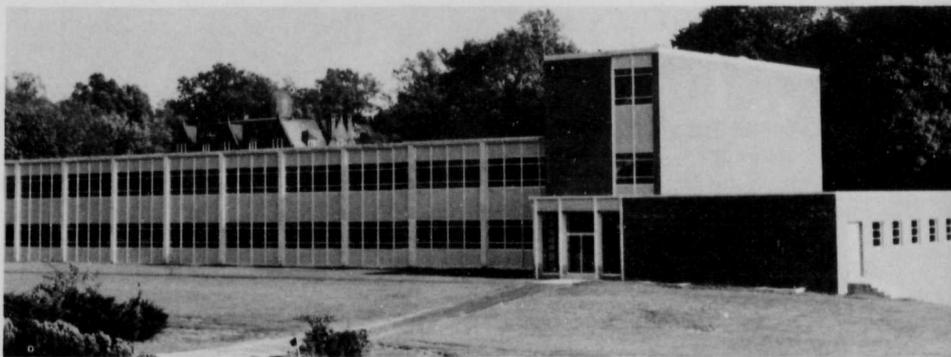
SCIENCE HALL, erected in 1925 with funds contributed by the Alumni Association and other friends including the General Education Board and Mr. Pierre S. duPont, will be doubled in size and completely modernized and equipped for study and research in the life sciences including anthropology, biology, geology, and psychology.

UNIVERSITY HALL is a three-story brick structure built in 1891 and containing seventeen large rooms recently reconditioned for lecture and recitation purposes.

WRIGHT HALL is named in memory of Walter Livingston Wright, who served successively from 1893 to 1945 as professor of mathematics, vice-president and president. It is equipped with modern facilities for teaching and for research in the physical sciences and mathematics.

FINE ARTS AND HUMANITIES BUILDING





WRIGHT HALL

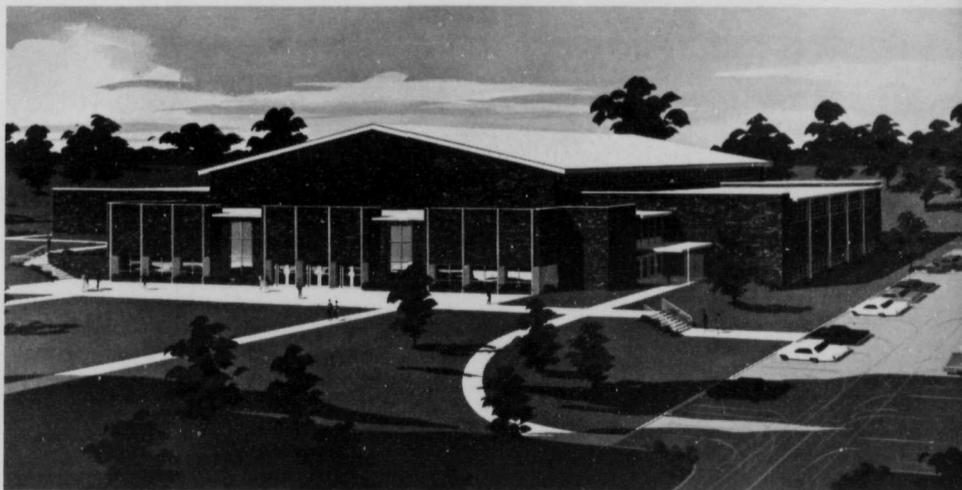
ADMINISTRATION AND CO-CURRICULAR ACTIVITIES

THE MARY DOD BROWN MEMORIAL CHAPEL, gift of the late Mrs. Susan Dod Brown, of Princeton, N.J., is a Gothic structure of dark red brick built in 1892 and containing an audience room for 400 persons; a Little Theatre with a seating capacity of 200; and other facilities.

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

GRIM GYMNASIUM, made available by the Federal Works Agency as part of the Veterans Educational Facilities program, was completed in 1947.

PROJECTED PHYSICAL EDUCATION BUILDING



THE STUDENT UNION was completed in January of 1964. It serves as a center for all co-curricular activities and includes the main dining hall for all students, a dining room for smaller groups, and a snack bar; the bookstore and student post office, lounges, game rooms, and meeting places for student activities.

LINCOLN HALL, built in 1866 and completely remodeled in 1961-62, houses the administrative officers including the president, the vice-presidents, the deans, the registrar, the admissions, the business, and other offices.

ALUMNI HOUSE, formerly used as a residence for the president of the University, now provides housing facilities for women students.

LADIES AUXILIARY GUEST HOUSE was built and furnished in 1954 with funds raised by the Ladies Auxiliary of Lincoln University to provide accommodations for overnight guests and for group activities.

LINCOLN HALL





CRESSON HALL

RENDALL HALL



DORMITORIES

The University buildings used as dormitories accommodate about 600 students. Each room is provided with the essential articles of furniture, such as desks, chairs, tables, and beds. Repairs are made by the University, but extraordinary damage is corrected at the expense of those who occupy the rooms. Reading lamps are not supplied.

Each student must bring with him three pillowcases, four sheets for single beds, and sufficient blankets and towels, all marked with the full name of the student. Sheets and pillowcases are laundered by the University without additional charge to the student. Coin machines for washing and drying clothes are installed in two of the dormitories; commercial laundry facilities are available in nearby Oxford.

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

CRESSON HALL was built in 1870 with funds secured from the Freedman's Bureau through the efforts of General O. O. Howard, then a trustee of Lincoln University. It was reconditioned and refurnished in 1961 and 1966.

HOUSTON HALL was erected in 1881 as a gift of the late H. H. Houston of Philadelphia.

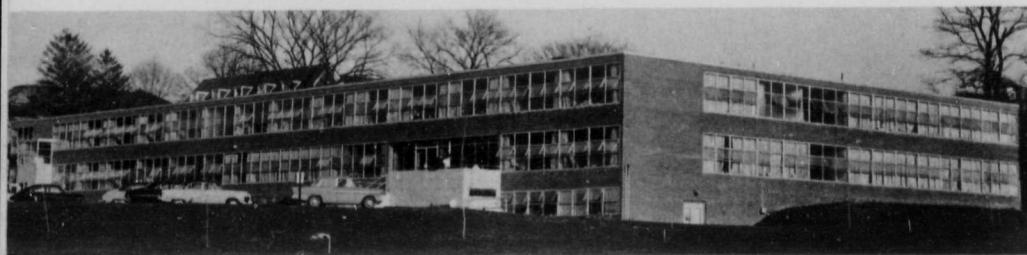
RENDALL HALL, erected in 1931, was named in honor of two former presidents of the University, Isaac N. Rendall and his nephew, John B. Rendall, and built with funds provided by the General Education Board, the Julius Rosenwald Fund, Miss Carolina Hazard, Mr. Pierre S. duPont, Mr. J. Frederick Talcott, and other generous friends.

MCCAULEY HALL is a three-story brick building erected in 1904 as a gift from the late Dr. Thomas McCauley and Mrs. Mary D. McCauley. It served as the University dining hall until the Student Union was completed in 1964. It now houses 40 students.

MCRARY HALL was built in 1956 to accommodate 126 students.

A new dormitory housing 110 men will be opened in the fall of 1966.

MCRARY HALL



FACULTY HOMES AND SERVICE FACILITIES

Twenty-one buildings on campus are used as residences for professors, administrators, and other members of the University staff.

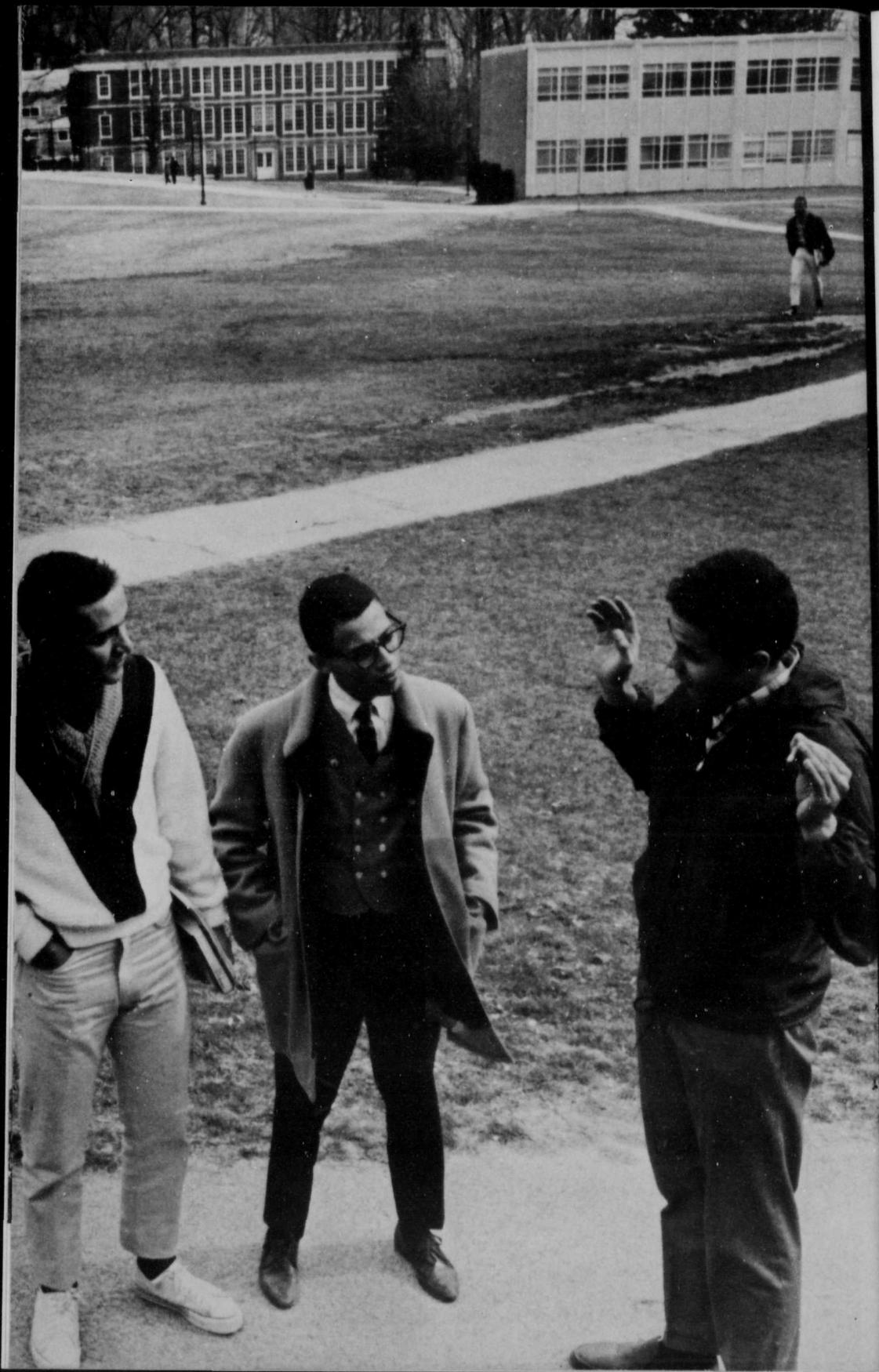
A new central heating plant and auxiliary maintenance shop was completed in the spring of 1963 and a storage building in 1965.



WRIGHT HALL, PHYSICAL SCIENCE BUILDING

AMOS HALL, MEN'S RESIDENCE





University Regulations

ACADEMIC REGULATIONS

ELECTION OF COURSES

Lincoln seeks to maintain its traditional role in preparing students for service to society at home and abroad by requiring courses in each of the broad fields of human knowledge, by providing an extensive program of co-curricular and student activities, and by requiring the study in depth of a single field of concentration and a comprehensive examination in that field. This philosophy is reflected in the requirements for graduation outlined on page 47.

All students should therefore consult their faculty adviser before making a final choice of courses. After the sophomore year, students should confer with the professor in charge of their major study in selecting courses required in that field of concentration and in keeping with the cultural interests and aspirations of the student. The following general regulations are operative:

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, but students with an average of 2.70 (B-) or better during the previous semester may carry hours in excess of 18, with the approval of the Dean of the College.
2. Students must 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 for any reason a student drops a course without the grade in that course. Such a failing grade may, however, be appealed by the student to the Committee on Academic Standing. Findings of that Committee must be reported to the faculty.
3. Under the conditions stated above, students shall be permitted to drop courses or change courses each semester without penalty within ten days after classes are in session.
4. 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.

5. 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.

6. 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 5. The Registrar shall place in the student's file any other pertinent information available.

7. Students transferring to Lincoln University must satisfy its requirements for graduation. At least twelve hours in the major field must be taken at Lincoln University; the requirement of a laboratory science and its prerequisites and the foreign language requirement must be satisfied. 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. The specific major requirements of a department will be found preceding the list of that department's courses in the catalogue.

2. Students must confer with the Chairman of the department in which they plan to major not later than their fourth semester in college.

3. Applications to major must be made in writing by the student on cards provided by the Registrar and filed in the Registrar's Office before the student registers for his fifth semester. Transfer students with the equivalent of four semesters of college work must declare their major at the time of entrance.

4. For a partial fulfillment of graduation requirements, a major will consist of a minimum of 24 semester hours above the basic course (except for general science) with a minimum cumulative average of 1.70 or better in the field. A general science major must complete 18 semester hours beyond the elementary course, six semester hours beyond the basic course in a second (science or mathematics) field, and the basic course in the two other science fields.

5. At the discretion of the department a maximum of six semester hours may be taken in related fields and credited toward the major.

6. Once accepted as a departmental major, a student may remain as a major in that department so long as he continues in college and providing he has a cumulative average of 1.70 or better in his major field.

Student candidates may be rejected by any department for scholastic reasons only.

7. In addition to satisfactorily meeting the course requirements for a major and maintaining the average required, a student must satisfy departmental requirements on the Graduate Record Examination and/or the comprehensive examination in that field.

8. A student may change his departmental major only with the consent of the Dean of the College.

9. Each student has the responsibility for filing credentials as a major, as well as having the course selections approved and initialed each semester by the department chairman or his representative.

10. The department chairman or his representative may merely advise students regarding elective courses. The elective privileges of a student must not be abridged.

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 an advisory committee for each student participating in the program.

Students selected for the program must have shown exceptional ability by establishing a 3.00 (B) average or better for a minimum of three semesters at Lincoln. They must maintain a 3.00 (B) 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.

TERMS AND VACATIONS

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

EXAMINATIONS

Two series of stated examinations are held each year: the midyear examinations in January, and the final examinations in May. Those absent during these examination periods may, with the permission of the Dean of Students, take special examinations to be given as soon as possible after the stated examination period.

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 given a failing grade.

Mid-semester examinations are also held each term to give both the student and the teacher an indication of progress achieved during the first half of each semester. The parents of students with unsatisfactory standing at the end of these testing periods are notified by the Dean of the College.

Other examinations are given as planned by the professor.

COMPREHENSIVE EXAMINATIONS

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

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

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 who do not attain the achievement norm established by the department chairman as a passing grade in the Graduate Record Examination may, with permission of the department chairman, be permitted to take one re-examination by the department after the first comprehensive examination, but 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.

GRADES AND ACADEMIC STANDING

With this catalogue, Lincoln begins a new grading system. This system is as follows:

A+	(4.3)	B+	(3.3)	C+	(2.3)	D+	(1.3)
A	(4.0)	B	(3.0)	C	(2.0)	D	(1.0)
A—	(3.7)	B—	(2.7)	C—	(1.7)	F	(0)

Where the A+ (4.3) represents the highest possible grade (outstanding), D (1.0) is the lowest possible passing grade, and F (0) is failure. For comparison with the old Lincoln system. A (4.00) is equivalent to 1.00 (old system), B (3.00) to (2.00). C (2.0) would represent 3.00, D (1.00) 4.00, and F (0) represents 5. (failure).

This change in grading system has the advantages of a finer distinction in grades (12 points versus 5) and (6) it is similar to the over-all grading scale used at most colleges. (A=4.0, B=3.0, C=2.0, D=1.0).

The general standing and rank of a student, academically, is determined by multiplying the numerical grade received in each course by the number of credit hours granted for that course and dividing the sums of such products by the total number of credit hours involved.

DEAN'S LIST

Students with semester averages of 3.33 (B+) and above will be honored by having their names placed on the semester Dean's List.

Students with semester averages of 3.00 (B) to 3.32 will be listed as Honorable Mention — Dean's List.

CLASSIFICATION OF STUDENTS

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 English Composition and physical education. At the end of the sophomore year the record of all students will be carefully examined. Those who have an average of 1.70 (C-) and who show promise of future development will be advanced to the upper classes.

Students are classified as follows:

Freshmen: those who have completed less than 27 hours.

Sophomores: those who have completed 27 to 60 semester hours.

Juniors: those who have completed 60 to 92 semester hours.

Seniors: those who have completed more than 92 semester hours.

Unclassified: students who have transferred from other colleges, but whose transfer credits have 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 which assumes that each student has something to contribute to, and something to gain from, attending classes. It further assumes that there is much more instruction absorbed in the classroom than can be tested on examinations. Therefore:

1. Students are expected to attend all regularly scheduled class meetings, and should exhibit good faith in this regard.

2. It is not sufficient for a student merely to pass the examinations which are conducted in course.

3. Attendance requirements deemed necessary to the satisfactory conduct of a course are set by the college faculty. Students are advised of attendance requirements by the instructor and a statement on attendance is filed with the Dean of the College.

PROBATION AND DISMISSAL

In its efforts to maintain high academic standards the University reluctantly resorts to dismissal or probationary status for students who are unwilling or unable to maintain acceptable standards.

Freshmen and sophomores are placed on academic probation if they fail to maintain a cumulative average of 1.60; juniors and seniors are placed on probation if they fail, at the close of any semester, to maintain a cumulative average of 1.70 (C-). The student will be notified of his status in writing by the Dean of the College. Probationary status must be removed by raising the cumulative average to those minimum figures within one year after notice of probationary status. Students who fail to remove the probationary status are notified by the Committee on Academic Standing after review of their individual cases.

Students on probation, exclusive of entering freshmen, may not carry more than 15 semester hours of work and are subject to such remedial measures as the Committee on Academic Standing deems necessary.

A student whose academic average after five semesters is not 1.70 (C-) or better and who, for the balance of his college career, must earn an average better than any previously achieved, will be placed on probation for one semester. If the required average is not attained during the

BOOKSTORE, STUDENT UNION



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

Only those students whose cumulative average is 1.70 (C-) or better will be considered for graduation. If a student fails to earn the 1.70 (C-) average required during his eighth semester, he shall be permitted only one more semester to attain that average.

Students who fail half of their total load of courses in any semester, including as many as three courses with three different instructors, are not allowed to continue.

Re-admission after academic suspension shall be considered only upon written application by the student to the Committee.

REQUIREMENTS FOR GRADUATION

Course requirements made effective in September 1960 remain in force except that, beginning with the graduating Class of 1966, a comprehensive examination must be passed or a prescribed achievement norm in the Advanced Test of the Graduate Record Examination in the major field must be attained, and the minimum requirements for graduation from Lincoln University are 124 semester hours with the following distribution:

	<i>Semester Hours</i>
Humanities	
English Composition	6
Literature	6
Philosophy, Religion or a combination of both	6
Foreign Language (all in one language)	6-12
Introduction to Art	2
Introduction to Music	2
Natural Science and Mathematics in two different departments, and including at least one laboratory science	14
Social Sciences (in at least 3 different departments)	12
Physical Education	4
Major field of study	27-31
Electives	39-29

124

A student may have the requirements in art or music waived by passing an examination given during his freshman or sophomore year by the department offering those courses.

Each candidate for graduation must complete a major, including a comprehensive examination or its equivalent in a field of study, and at least 124 semester hours with a general group standing of not less than 1.70 (C-). 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 required 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 taken at Lincoln University.

Students with a cumulative average, for a minimum of six semesters at Lincoln University, of 3.70 (A-) and above shall graduate *magna cum laude*; those with a cumulative average of 3.35 to 3.69 shall graduate *summa cum laude*; and those with a cumulative average of 3.00 (B) to 3.34 for a minimum of six semesters at Lincoln University shall graduate *cum laude*.

GENERAL REGULATIONS

It is assumed that students will observe the same proprieties expected of them by their families and that they will treat University property with the same consideration as their own. Specific regulations are brought to the attention of every student by posting, by announcement, or by inclusion in the catalogue. Violation of regulations will not be excused on the plea of ignorance.

A few general regulations governing the behavior of students are, for convenience, given here rather than in a separate manual:

1. The use or possession of firearms on University property is prohibited.
2. The use, possession, or transportation of intoxicating liquors on the grounds or in the buildings of the University is prohibited.
3. As a safeguard against the hazard of fire, and in the interest of student health and sanitary living conditions, smoking is prohibited in the classrooms and the hallways of University Hall, Science Hall, Wright Hall, the Library, the Chapel, Grim Gymnasium, the Little Theatre, and the Music Studio.
4. In seeking the truth, in learning to think objectively, and in preparing for a life of constructive service, honesty is imperative. Honesty in the classroom and in the preparation of papers is therefore expected of all students. All instances of dishonest work, whether in the form of cheating or plagiarism (as defined in a statement prepared by the English Department), will be reported to, and recorded by, the Dean of the College. Students guilty of repeated offenses shall be liable to suspension from the college by action of the Committee on Academic Standing.
5. 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. The formation or continued existence of a student organization is dependent upon the observance by its members of University regulations and upon making a positive contribution to the objectives of the University.

6. Hazing is prohibited because it is detrimental to the welfare of students, especially to new students who are making adjustments to college life.

7. The University reserves the right to dismiss or suspend at any time, students whose academic standing is not acceptable or whose conduct it regards as undesirable; no reason for requiring such withdrawal need be given and the fees due or already paid to the University will be neither refunded nor remitted in whole or in part.

8. Individual students will be held responsible for the conduct of all visitors they may have in the dormitories. The overnight accommodation of male visitors must be reported in advance to the office of the Dean of Students.

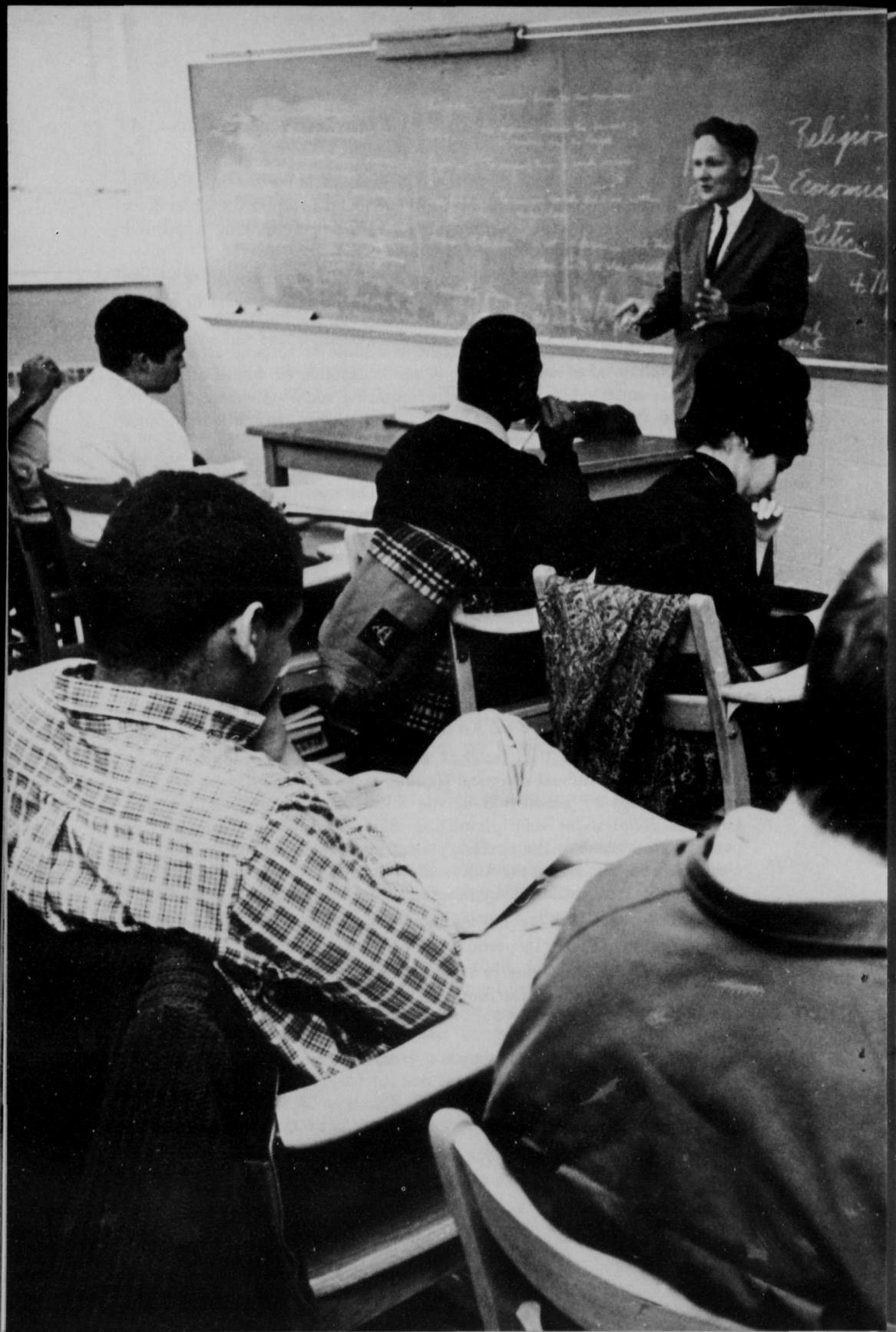
9. No women are admitted to the dormitories at any time without permission from the office of the Dean of Students. Regulations will be issued governing visiting in one or more of the dormitories which may be specifically opened for special occasions.

To assure satisfactory housing and recreational facilities, all social events must be planned in collaboration with the Dean of Students. Accommodations for a limited number of overnight guests are generally available in the Guest House. Arrangements should be made in advance.

10. No changes in the electrical wiring of dormitory rooms may be made, and no additional electrical fixtures or appliances 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 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 unauthorized fixtures and appliances.

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

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



Programs of Study

The schedule of courses for freshmen and sophomores is designed to provide a broad general background in the liberal arts and to encourage the exploration of various disciplines required for intelligent choice of an area of concentration. Courses in general education required for graduation (listed on page 47) are identical for all students and should be completed as early as possible, preferably during the first two years. The schedules would be approximately as follows:

Freshman Year

English Composition
Foreign Language
Natural Science
Mathematics or World Geography
Religion or Social Science
Physical Education

Sophomore Year

English or General Literature
Foreign Language or Elective
Natural Science or Geology
Philosophy or Religion
Art and Music or Social Science
Physical Education

For juniors and seniors the course selections will be largely determined by the department in which they have been accepted as a major. The student, however, is responsible for meeting the requirements for graduation as listed on page 47.

I. PREPARATION FOR ENGINEERING

Lincoln University has entered into agreements with Drexel Institute of Technology, Lafayette College, and Pennsylvania State University to enable students to earn both a bachelor's degree from Lincoln University and an engineering degree from the cooperating institution at the end of five or six years. This greatly reduces the disadvantages of over-specialization inherent in a four-year engineering education and provides both a liberal and a professional education at minimum cost.

In the case of Lafayette College or Pennsylvania State University, the plan provides for three years of study at Lincoln University where liberal arts subjects and pre-engineering courses in mathematics, science and related subjects are taken. The last two years are spent at Lafayette College or Pennsylvania State University 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.

Under these agreements an engineering degree may be earned in Administrative Engineering, Aero-space Engineering, Agricultural Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering or Metallurgical 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.

II. PREPARATION FOR INTERNATIONAL SERVICE

Lincoln University has entered into an agreement with the School of International Service of the American University under which a student may, after the successful completion of three years of study at Lincoln and with the recommendation of the University, be admitted to a two-year program at American University. Successful completion of the five-year program leads to an A.B. degree from Lincoln and a Master of International Service degree from American University with a concentration in one of the following fields: Foreign Service, Business Representation Overseas, Church Missions, International Administration, Overseas and International Labor, or Overseas Representation (United States Information Agency or Journalism or a combination of both).

SUGGESTED PROGRAM AT LINCOLN

<i>First Year</i>	<i>Credit Hours</i>	<i>Second Year</i>	<i>Credit Hours</i>
English Composition	6	English or World Literature	6
Foreign Language	6	Language or Sociology	6
Laboratory Science	8	Economics	6
Philosophy or Religion	6	American Government and Political Parties	6
Modern European History	6	Mathematics	6
Physical Education	2	Physical Education	2
	34		32
<i>Third Year</i>	<i>Credit Hours</i>	<i>Fourth and Fifth Year At American</i>	<i>Credit Hours</i>
Art and Music	4	1 or 2 courses in major field in Fourth Year	6-12
General Psychology, Sociology	6	(18-24 hours) and fifth year will be planned by the student in cooperation with his major adviser at American University. Depending upon the program selected, 12 to 18 hours of work toward the major must be completed at Lincoln.	
2 or 3 courses in major field: Economics, History, Philosophy, Political Science, Religion, Sociology	12-18		
Electives	3-9		

If a student should discontinue the program before completing his fifth year, his petition for an A.B. degree from Lincoln will be given individual consideration if he has completed the normal requirements for graduation.

III. 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: economics, English, history, philosophy, logic, political science, public speaking and argumentation, sociology, and Latin.

IV. 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	
Physics	8	Chemistry103-04, 203-04
Biology	8	Physics
English Composition	6	Biology
English Literature	6	English
Foreign Language	6	English
Electives	20	French or German .101-02, 201-02

Recommended Subjects

- Advanced biology201-02
- Psychology and logic201 and 103
- Algebra and trigonometry103-04
- Additional chemistry201-02 and 301-02

Excellent opportunities are available in the fields allied to Medicine, Veterinary Medicine, requiring four years post graduate work, and Pharmacy requiring five years total college work. Further information can be obtained from the Pre-medical Advisory Committee.

V. 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 207-08	Sociology
Foreign Language	Economics	Psychology
History	Foreign Language	Philosophy
Philosophy or Religion	or elective	Political Science
Science or Mathematics	Art and Music	Economics
	Sociology	Ethics
	History	History

VI. PREPARATION FOR TEACHING

The courses in education given at Lincoln 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 twenty semester hours of work of college grade in education distributed as follows: Introduction to Education, 3 semester hours; Educational Psychology, 3 semester hours; General Methods in Secondary Education, 3 semester hours; Tests and Measurements, 3 semester hours; a course in the teaching of reading, 2 semester hours; and Practice Teaching in the appropriate field, 6 semester hours.

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 Department of Education.

VII. 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.

VIII. PREPARATION FOR GENERAL BUSINESS

Students interested in a career in business may complete a major in this field. The program of studies includes 24 semester hours of credit in courses in business, inclusive of Economics 201-202 but 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	World Literature	Two courses in
Introduction to Mathematics	Principles of Economics	Business
Foreign Language	Principles of Accounting	Art and Music
Philosophy or Religion	Foreign Language or elective	Electives
Physical Education	History or Sociology	
Elective	Physical Education	

IX. GENERAL SCIENCE

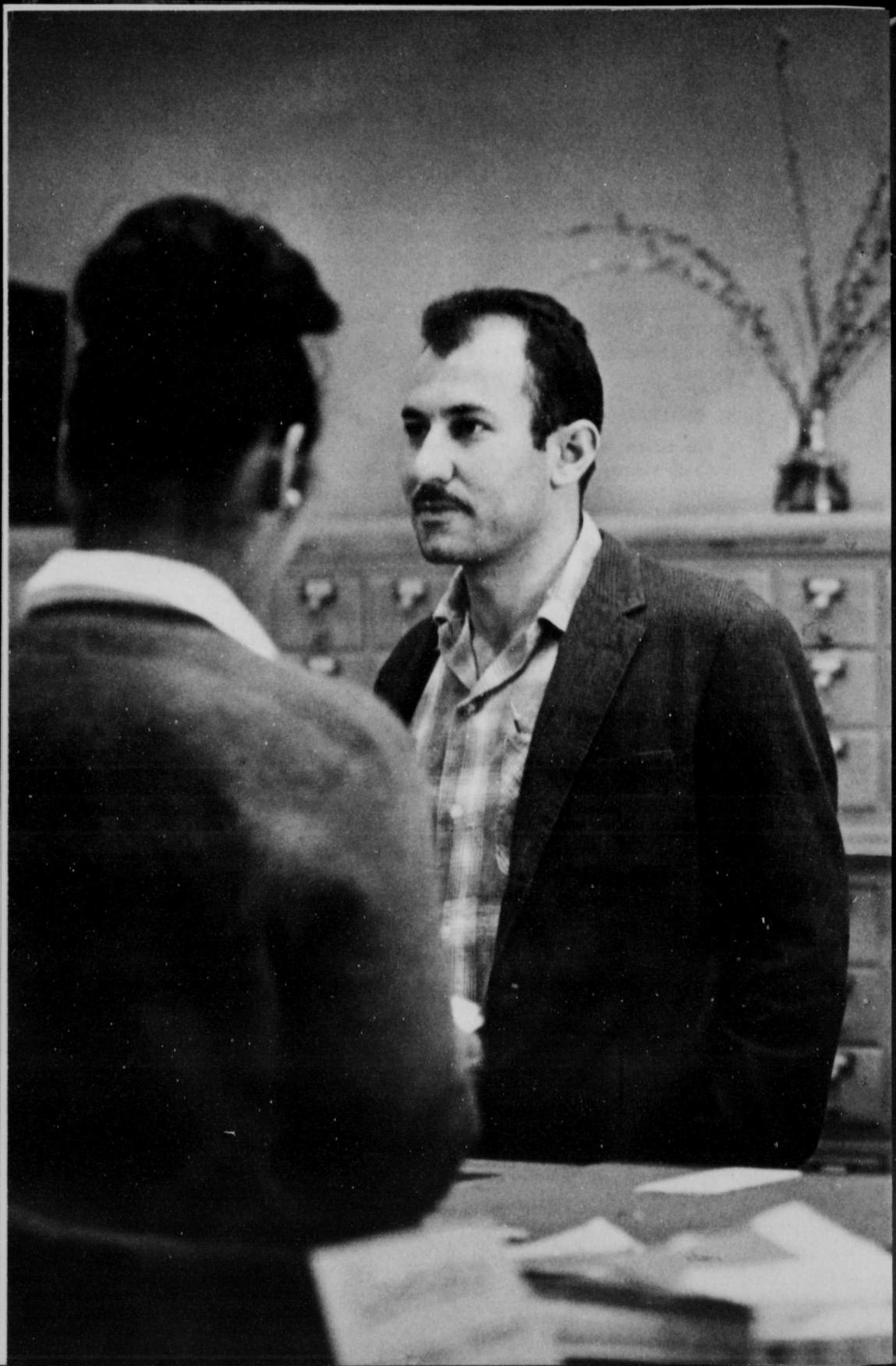
This course is intended to serve two possible purposes: Preparation for teaching science or mathematics in high school, and preparation for the science requirements plus the educational requirements for teaching science or mathematics in high schools. Persons wishing to enter technical sales, production, or technical administration would take the science requirements plus selected electives to enhance their preparation for careers in the technical business field.

Students are required to have a major and a minor in the sciences. The fields are Biology, Chemistry, Mathematics, and Physics. Eighteen hours beyond the elementary course are required in one major field. This will normally mean that a student will complete three years of the *program for majors* in one of the natural sciences or mathematics. In a second natural science or mathematics, he will complete two years of the program for majors in that field. The elementary courses are also required in the other two fields.

X. HEALTH AND PHYSICAL EDUCATION

Satisfactory completion of the curriculum in Health and Physical Education will qualify students for teaching in the elementary and secondary schools of most states. The following program of studies is suggested, but it should be modified to include courses required by the state in which the student plans to teach:

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



Courses of Instruction

Courses in the 100 series are intended primarily for freshmen, in the 200 series for sophomores, in the 300 series for juniors, and in the 400 series for seniors. Although considerable latitude will be granted students in the upper classes 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.

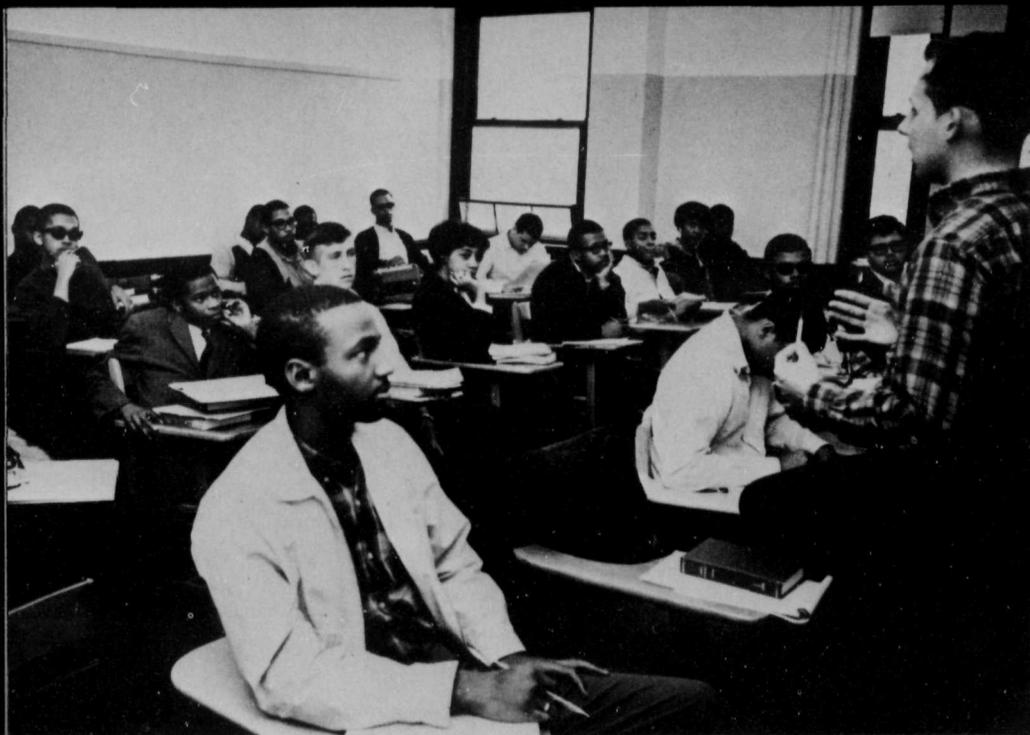
Year courses are designated by an odd number and an even number separated by a hyphen.

The credit allowed for each course is indicated in semester hours.

Courses are distributed into three major divisions as follows:

- I. The Humanities
 - English, Drama, and Speech
 - Classics and Linguistics
 - Modern Languages and Literature
 - Music
 - Art
 - Philosophy
 - Religion
- II. The Natural Sciences and Mathematics
 - Biology
 - Chemistry
 - Physics and Astronomy
 - Mathematics
 - Pre-Engineering Courses
- III. The Social Sciences
 - History
 - Politic Science
 - Sociology and Anthropology
 - Education
 - Psychology
 - Economics and Business
 - Physical Education

For regulations concerning electives and major studies see page 41.



DIVISION I

THE HUMANITIES

The division of the Humanities comprises the courses in English, Classics and Linguistics, Modern Languages, Music, Art, Philosophy, and Religion.

The objectives of the Humanities Division at Lincoln University are:

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, Bellone, Groff, Putnam, LaSala, Mrs. Farrell,
Mrs. LaSala, Mrs. Rivero, Mrs. Russo, Mrs. Winkel

Requirements for an English major: Completion of 30 hours in English in addition to English 207-208. The English major is advised to include History of England, Public Speaking, and Introduction to Philosophy among his electives.

101-102. English Composition.

During the first semester the principles of grammar, punctuation, spelling, and sentence structure are stressed as essential tools in developing the ability to think and to write clearly and effectively. Reading assignments are made to introduce new ideas, to stimulate independent thinking, and to give more substance to oral and written composition. These objectives are approached in the second semester through the extended preparation for, and the writing of, a research paper, and through a study of such literary forms as the short story, poetry and drama.

Credit: Six hours

207-208. World Literature

A broad cultural background is sought through a study of the literature and a consideration of the ideas expressed by the great men of letters from ancient Greece through the renaissance (during the first semester) and from the renaissance to the twentieth century (second semester). A study in greater depth will be made during the first semester of works selected from such authors as Homer, Confucius, the Greek tragedians, Plato, Lucretius, Virgil, Dante, Chaucer, Cervantes, and Shakespeare. During the second semester added emphasis will be placed on such authors as Milton, Swift, Voltaire, Goethe, Wordsworth, Melville, Flaubert, Dostoevsky, Ibsen, Mann, and Joyce.

Required of all sophomores

Credit: Six hours

301-302. American Literature.

This survey course in the history of American literature covers, during the first semester, writings from the Colonial Period to the American Renaissance of 1829-60, with special emphasis on such authors as Jonathan Edwards, John Woolman, Irving, Cooper, Poe, Emerson, Hawthorne, and Melville. An approach to literature as an expression of the life and times of successive periods of history is continued during the second semester in a study of the rise of realism and naturalism between 1860 and the present. Special attention is given to such authors as Walt Whitman, Mark Twain, William Dean Howells, Henry James, Stephen Crane, Robert Frost, T. S. Eliot, Sinclair Lewis, Faulkner, and Hemingway.

(Offered in 1967-68 and alternate years)

Credit: Six hours

305. Seventeenth Century Literature.

A study of the conflicting ideas and movements of the seventeenth century as they are reflected in the poetry and prose of such authors as Donne and the metaphysical poets, Jonson, Herrick, Bacon, Hobbes, Burton, and Browne. Special attention is given to Milton. Dryden, Congreve, and Wycherly are emphasized among the restoration dramatists.

(Offered in 1967-68 and alternate years)

Credit: Three hours

306. Eighteenth Century Literature.

Beginning with the poetry of Dryden, a study is made of the authors of the Augustan Age and the early romantics. Defoe, Swift, Pope, Johnson, Goldsmith, Burns, and Blake are emphasized and consideration is given to the rise of the novel.

(Offered in 1967-68 and alternate years)

Credit: Three hours

307. Romantic Literature.

Against the background of the major prose writers and the minor poets of the period, an intensive study is made of the major romantic poets: Wordsworth, Coleridge, Byron, Keats, and Shelley.

(Offered in 1966-67 and alternate years)

Credit: Three hours

308. Victorian Literature.

Special attention is given to the poetry of Tennyson, Browning, and the Pre-Raphaelites. Included in a study of the prose, poetry, and drama of the period are works by Carlyle, Newman, Arnold, Ruskin, Wilde, Shaw, and Yeats.

(Offered in 1966-67 and alternate years)

Credit: Three hours

309-310. Journalism.

This laboratory course in the development of journalistic techniques stresses, during the first semester, the news story, interviews, and the feature story. During the second semester attention is directed to the writing of special features, editorials, and columns.

Credit: Six hours

311-312. Advanced Composition.

An analytical study of prose style is combined with exercises in writing the four forms of discourse to develop clarity, precision, and originality in composition. During the second semester creative expression and critical judgment are emphasized in writing and rewriting essays.

(Offered in 1966-67 and alternate years)

Credit: Six hours

315-316. Dramatic Literature.

An intensive study is made during the first semester of the Golden Ages of the theatre including Greek and Latin drama; the Spanish drama of Cervantes, Lope de Vega, and Calderon; the development of dramatic expression in England from the early religious and folk plays through the Tudor and Jacobean periods; and the Baroque Theatre of France. During the second semester a study is made of the emergence of realism, naturalism, symbolism, expressionism, and the "theatre of the absurd," in representative plays of the modern theatre from Ibsen and Strindberg through Beckett and Duerrenmatt.

(Offered in 1967-68 and alternate years)

Credit: Six hours

401. Shakespeare: The Comedy and History Plays.

A study of the background of Shakespeare's time and the Elizabethan theatre leading into an intensive examination of ten of Shakespeare's comedies and history plays.

(Offered in 1966-67 and alternate years)

Credit: Three hours

402. Shakespeare: The Tragedies and the Sonnets.

An intensive study of the major tragedies, examples of the tragi-comedies, and the sonnets of Shakespeare.

(Offered in 1966-67 and alternate years)

Credit: Three hours

405. Modern Poetry.

A study of poetry in English from the late nineteenth century to the present. Techniques of versification, form, and movement will be emphasized; special attention is given to poetic experimentation, including symbolism and imagism, and to such major figures as Dickinson, Pound, Eliot, Yeats, and Frost.

(Offered in 1966-67 and alternate years)

Credit: Three hours

406. Modern Fiction.

A study of the techniques, forms, and movements of Continental, British and American narrative fiction from the late nineteenth century to the present. Special attention will be given to significant novels by Flaubert, Dostoevsky, Tolstoy, Lawrence, Joyce, Hemingway, Faulkner, and Mann.

(Offered in 1966-67 and alternate years)

Credit: Three hours

AN ORAL APPROACH TO THE ENGLISH LANGUAGE**203-204. Public Speaking and Argumentation.**

Fundamentals of speech organization, diction, voice, and gesture are emphasized in the first semester. Special attention is given to composition and delivery in various speech situations. In the second semester the principles of logic, argument, and debate are studied. Some language laboratory work is included in both semesters.

(Offered in 1967-68 and alternate years)

Credit: Six hours

205-206. Principles of Acting, Staging and Directing.

Elements of acting (diction, inflection, characterization, and movement), directing, and staging (design, construction, painting, lighting, costuming, and make-up) are studied and applied in informal workshop projects and in formal productions by the Lincoln University Players.

(Offered in 1966-67 and alternate years)

Credit: Six hours

303-304. Advanced Argumentation, Persuasion and Debate.

An advanced study of the principles of logic, argument, persuasion, and debate limited to students actively engaged in forensics and debating.

Credit: One hour per semester

CLASSICS AND LINGUISTICS

Messrs, Schwartz, S. G. Stevens, Mrs. Grant

The aims of this 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.

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.

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 Virgil.

Prerequisite: Latin 101-102 or the equivalent *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*

304. Latin Literature in Translation.

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

Given on demand. *Credit: Three 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.

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.

Prerequisite: Greek 101-102 or the equivalent. *Credit: Six hours*

301-302. Greek Drama.

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

Given on demand. *Credit: Four hours*

303. Greek Literature in Translation.

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

Given on demand.

Credit: Three 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.

LINGUISTICS

101-102. Elementary Hebrew.

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

Credit: Six hours

101-102. Swahili.

First year Swahili. Basic oral-aural comprehension. Texts: FSI text and (units 1-75); Perrott, Swahili grammar; Loogman, Basic Swahili. Five hours per week, combination of class hours and language laboratory.

Credit: Eight hours

201-202. Swahili.

Advanced Swahili. Preparation for oral examination on U.S. State Department level of 2+. Texts FSI text and tapes (units 76-125). Perrott and Loogman grammars. Swahili-English. English-Swahili Dictionary (Standard); Swahili periodicals and newspapers. Five hours per week combination of class hours and language laboratory.

Credit: Eight hours

301. The Latin and Greek Elements in English.

Recommended especially for pre-professional students who have had no Latin and Greek.

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.

Second Semester.

Credit: Three hours

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

MODERN LANGUAGES AND LITERATURES

Messrs. Kuehner, Grubb, Waring, Mrs. Conwell, Mrs. Gunn

Requirements for a major in French: twenty-four semester hours beyond the basic course and one year of college Latin. It is recommended that students also take Modern European History 101-102.

FRENCH LANGUAGE AND LITERATURE

Messrs. Grubb, Waring, Mrs. Gunn

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: Eight hours

201-202. Intermediate French.

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

Prerequisite: French 101-102 or equivalent.

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

Dr. Kuehner

101-102. Elementary German.

Grammar, easy reading, dictation.

Credit: Eight hours

201-202. Intermediate German.

Reading of modern German texts, and grammar review. Prerequisite: German 101-102 or its equivalent.

Credit: Six hours

301-02. Advanced German.

Advanced grammar, dictation, and reading. Prerequisite German 201-202 or its equivalent.

Given on demand.

Credit: Six hours

SPANISH LANGUAGE AND LITERATURE

Dr. Grubb, Mrs. Cornwell

101-102. Elementary Spanish.

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

Credit: Eight 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 everyday 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 approaches music through recordings, concerts, and other available media. This is a 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 are learned by practical work. Course open only to members of the University Glee Club and Choir.

Credit: One hour

105-106. Elementary Musicianship.

A course designed to develop music reading skills (sight-singing); the organization of musical materials through written work and dictation (Ear-training) and intensive training in keyboard facility with material from Music 201-202.

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: consent of the instructor; Music 101B-102 recommended.

Given in alternate years.

Credit: Six hours

307-308. Form and Analysis.

Analysis of the structure and texture of representative works of the late 19th and 20th centuries.

Credit: Four hours

309. Counterpoint.

Prerequisite: Mus. 301-302. The development of contrapuntal writing technique in two, three, and more voices.

Credit: Two hours

311-312. History of Music.

Prerequisite: Mus. 203-204. A survey of music from the beginnings of Western Civilization to the present. 311—Music before 1750. 312—Music after 1750.

Credit: Six hours

401-402. Conducting.

Prerequisite: Keyboard facility equal to the demands of the course. 401—Basic Conducting—a fundamental study of conducting patterns—development of skill and dexterity. 402 Choral conducting as applied to problems of interpretation.

Credit: Six hours

405. Methods of Teaching High School Music.

A study of current literature and practice in music education.

Credit: Three hours

407. Workshop in Church Music.

Special class to meet Saturdays (9-11)/(10-12). Planning for the Church Service; hymn playing styles; transposition, choral problems; chanting, accompaniment of anthems and solos. Practical conducting problems in Church Music. Required of organ majors and conducting students.

Credit: Two 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 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 opportunities 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 opportunities for museum visits.

Credit: Two hours

301. Painting and Drawing.

An elective course in painting and drawing. Accommodations will be made for beginners or advanced students. Studies will include perspective, shading, color, design, the handling of various media. There will be activities in landscape, still life, figure, and portrait. Students may choose activities and the materials to be worked with.

Credit: Two hours

PHILOSOPHY

Mr. Hurwitz

The work of the philosophy department is designed to instruct students in the methods of reflective and critical thinking about fundamental issues. What we believe, value, know and do is examined in questioning and answering the great traditions. Since philosophy is relevant to all aspects of experience and learning, 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 101. Six of these hours may be taken in related fields upon consultation with the major professor.

101. Introduction to Philosophy.

Special subjects in philosophy are discussed in relation to readings in religion, ethics, social philosophy, and philosophical anthropology.

(Given each semester)

Credit: Three hours

103. General Logic.

A study of the principles and application of formal reasoning.

(Given each year)

Credit: Three hours

201. Greek Philosophy.

A survey of ancient philosophy, with emphasis on the Pre-Socratics, Plato, Aristotle, and Plotinus.

(Offered 1967-68 and alternate years)

Credit: Three hours

202. Modern Philosophy.

Western thought from the Renaissance to Kant.

(Offered 1967-68 and alternate years)

Credit: Three hours

203. Nineteenth Century Philosophy.

Such 19th Century philosophers as Hegel, Comte, Mill, Kierkegaard, and Nietzsche are studied as background to contemporary thought.

(Offered in 1966-67 and alternate years)

Credit: Three hours

204. Twentieth Century Philosophy.

A study of leading philosophers of the present century from James to Wittgenstein.

(Offered in 1966-67 and alternate years)

Credit: Three hours

205. 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 problems arising within their own experience.

Credit: Three hours

302. 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

304. Philosophy of Religion.

307. Seminar in a Major Philosopher.

A study of the main issues of philosophy from one historically important viewpoint. Frame of reference for 1966-67 will be of Kant's Critique of Pure Reason.

Credit: Three hours

308. Philosophy Seminar.

Will treat of some special area of philosophy not adequately covered in the other courses. Topics such as semiotic, general value theory, and epistemology will be treated, depending on need. The course is open to majors, and by permission, with an advanced course in philosophy as a prerequisite.

Credit: Three hours

RELIGION

Messrs. Murray, Davies, 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 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.

Against the historical background of the New Testament, a study is made of the life and teachings of Jesus and their contemporary significance, and of the religious experience and community life of 1st century Christians, with special emphasis on the life and thought of Paul.

Credit: Three hours

201. Hebrew Poetry and Wisdom Literature.

A study of the Book of Psalms with reference to the structural patterns of Hebrew Poetry. The philosophy of the Books of Job and Ecclesiastes. The "Wisdom Literature" embodied primarily in the Book of Proverbs.

Credit: Three hours

202. Christian Ethics.

The ethics of Jesus, St. Thomas Aquinas, Calvin, Luther, John Bennett, and Reinhold Niebuhr are studied with special reference 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 with special attention 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, including the development of Roman Catholicism, Protestant orthodoxy and liberalism, and contemporary expressions of Judaism and Christianity.

Credit: Three hours

303. Religion in American Culture.

A study of three major religious traditions in American life: Protestantism, Roman Catholicism, and Judaism, in terms of their historical development, theology, ethics, and worship, with a view to understanding their role in contemporary American culture.

Credit: Three hours

304. The Philosophy of Religion.

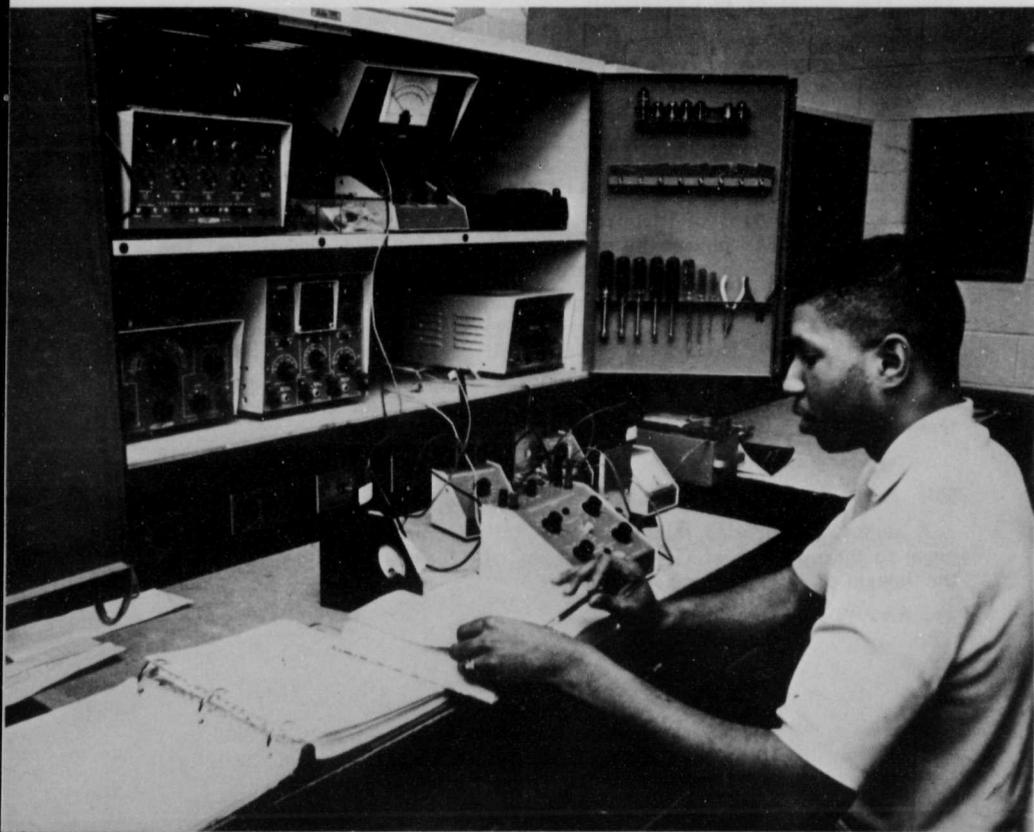
Philosophic positions on basic problems concerning the relations between God, man, and the world and concerning the nature of religious knowledge, are explored. Credit may be given in religion or philosophy.

Credit: Three hours

401. Major Religions of the World.

A study of the historical development and chief writings of such ancient and modern religions as Hinduism, Buddhism, Confucianism, Taoism, Shintoism, and Islam.

Credit: Three hours



DIVISION II**THE NATURAL SCIENCES****MATHEMATICS—PRE-ENGINEERING**

The Division of Natural Sciences and Mathematics is constituted of the departments of biology, chemistry, physics, and mathematics. This Division also offers courses in Pre-Engineering under the cooperative programs established with Drexel Institute, Lafayette College, and Pennsylvania State University.

The courses in the various departments of this Division are designed primarily to give professional training to students who elect to major in one of the natural sciences or mathematics, or to prepare for a subsequent study of engineering or for post-graduate work in mathematics, the sciences, or in the medical professions. Courses in this Division also provide the more limited scientific training required by students majoring in the humanities or in the social or life sciences. Those seeking a cultural understanding of any of the natural sciences may, with the permission of the instructor, omit the laboratory work of the elementary courses. Completion of a laboratory course is, however, required for graduation.

BIOLOGY

Messrs. Harrison, Banks, and Houser

A major in biology is designed to prepare the student for graduate work in biology or 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. General Zoology.

The fundamental principles of biology are presented with emphasis on animals, including a survey of the major animal phyla with a study of their morphology, physiology, and phylogenetic relationship, where they exist, and and of their economic significance. Three hours lecture and one laboratory period a week. Prerequisite for all other biology courses.

Credit: Four hours

102. General Botany.

The principles of botany are presented with major emphasis on the morphology, physiology, and life cycles of specimens representative of the major groups. Three hours lecture and one laboratory period a week. Prerequisite for all other biology courses.

Credit: Four 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. 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 advanced standing in biology. Two hours lecture and two laboratory periods.

Credit: Four hours

303. Parasitology.

A course devoted to the consideration of mammalian parasites found in the Protozoan, helminth and arthropod groups. Careful consideration is given to life history, control and treatment for the members of the above groups. Two hours lecture and two laboratory periods.

Credit: Four hours

305. 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. Should be followed by 308, Histology.

Credit: Four hours

308. Histology.

A course in normal mammalian histology. 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. Honor candidates and students of high standing may conduct independent research projects. Either semester may be taken alone. Open only to seniors.

Credit: One to three hours per semester

CHEMISTRY

Messrs. L. D. Johnson, W. T. M. Johnson, D. Rudd

A major in Chemistry consists of at least 31 semester hours in chemistry as well as work in physics and mathematics. The following courses are required of all Chemistry majors: Chemistry 103-104, 201-202, 203-204, 301-302, and 310-311 taken both junior and senior years, Physics 101-102, and Mathematics 201-202, and 301. Those who intend to go to graduate school will be expected to take Chemistry 303 and 401, atomic physics (if offered), and Mathematics 303 and 401. A student planning to elect Chemistry as a major should consult the Department early in his college career to plan the proper sequence of courses.

101-102. General Chemistry.

The course is intended for students not planning to major in a physical science or engineering. Only Chemistry 203-204 may be taken in the Department following this course. The basic principles of chemistry are presented and illustrated with descriptive material. Emphasis will be on the structure of matter, including atoms and molecules, the laws of gases, stoichiometry, solution chemistry including acid-base, oxidation-reduction, and solubility reactions, and chemical equilibria. The second semester laboratory is devoted primarily to qualitative analysis. Three hours of lecture and one or two periods of laboratory.

103-104. General Chemistry.

The course is required for majors in Chemistry, Physics, Engineering, and General Science. In special cases a man who has not had high school chemistry may take 101-102, audit 104 and still be accepted as a major with permission from the Department. The course will cover all the material in 101-102 and, in addition, an introduction to thermodynamics and quantitative laboratory work. The course is not recommended for those who have had no high school chemistry, or who have had less than three years of high school mathematics or equivalent. Three hours lecture and two periods of laboratory.

(both of the above are for Credit: Eight hours)

201. Quantitative Chemistry.

The laboratory consists of experiments designed to illustrate quantitative methods of chemical analysis. The lectures will emphasize stoichiometry and thermodynamics. Chemistry 104 is prerequisite. Mathematics 201 is prerequisite or may be taken simultaneously. Three hours of lecture and six hours of laboratory.

Credit: Four hours

202. Instrumental Methods of Analysis.

A study of principles and practices of instruction 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 and laboratory. Prerequisite: Chemistry 101-102 or 103-104.

Credit: Eight 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. Inorganic Chemistry.

The principles of thermodynamics are applied to problems of chemical reactions in inorganic systems. The properties of the elements are considered systematically. Chemistry 201 is prerequisite. Material covered in 301-302 and 303 will be helpful, but is not required. Three hours lecture.

Credit: Three hours

310-311. Seminar.

Participants in this seminar present each semester an oral report, which is subsequently submitted in written form, on a topic from current chemical research literature or a review topic. Meetings are scheduled for two hours, once a week, during both semesters of the junior and senior years.

Credit: Four 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 is limited to 10 students who have had courses in each of the basic sciences and mathematics.

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, Taylor, 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

303. Atomic Physics.

A study of basic theories of atomic and nuclear structure and their experimental background. The topics considered are the structure of solids, X-ray and optical spectra, radioactivity, and the particles of modern physics. Two lecture hours and one laboratory period.

Credit: Three 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.

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, Pierce, Lewish, and Polk

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 thirty hours in courses beyond Mathematics 103-104, and must include Mathematics 201-202, 301-302, 305 or 306, 401 and 403. Entering students who plan to major in mathematics must take Mathematics 201-202 during their first year. No one should elect to major in mathematics unless he has shown considerable aptitude and skill in Mathematics 201-202. Students majoring in mathematics are also 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 Mathematics 103-04, 201-02, and 301-302, and must be taken in that order. Under no circumstances will a student be admitted to any course unless its prerequisites have been attained.

Students of the physical and chemical sciences should elect Mathematics 302 and 401 after the completion of Mathematics 301.

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

Basic Courses (*Given each year*)

101-102. Introduction to Mathematics.

The subject matter of the course includes topics from the foundations of mathematics, with emphasis given to algebra, 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, and it is not a preparation for Mathematics 103. It is considered a terminal course in mathematics for the student who intends to study only one year of college mathematics. 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; functions; limits; continuity; derivatives of the algebraic functions with applications to velocity and rates; extrema; curve plotting; differentials; Rolle's Theorem; law of the mean; the indefinite integral.

Second Semester:

The definite integral; applications of integration—area, volume, moment of inertia, work; differentiation and integration of trigonometric, inverse, exponential and logarithmic functions; the conic section; transformation of the plane; length of a curve; area of surfaces.

Credit: Six hours

301. Analytic Geometry and Calculus.

Methods of integration; application of integration to physics—moments, centroids, theorems of Pappus, hydrostatic pressure, work; hyperbolic functions; polar coordinates; parametric equations; vectors.

Credit: Three hours

302. Intermediate Calculus.

Three dimensional vector analysis; quadric surfaces; partial differentiation, multiple integration and their applications; infinite series.

Credit: Three hours

401. Differential Equations.

An elementary course in ordinary differential equations with applications to geometry and physics.

Credit: Three hours

Elective Courses (Given in alternate years)

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.) Prerequisites: Mathematics 101-102 or 103.

(Offered in 1966-67 and alternate years)

Credit: Three hours

205. Introduction to Programming and Computing.

A first course in computer programming with emphasis given to the FOR-TRAN language. The course will guide the student in creating strategies for problem solving on a digital computer.

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: Mathematics 301.

(Offered in 1967-68)

Credit: Three hours

305. Algebra I (Introduction to Modern Algebra).

Sets; functions and mappings; groups—subgroups, cosets, factor groups, homomorphisms and isomorphisms, maximal subgroups, direct products; rings and ideals—homomorphism and isomorphism, integral domains, equivalence classes, residue classes, prime ideals, polynomial rings, Euclidean rings, units and primes; fields—prime fields, field adjunctions, algebraic field extensions.

(Offered in 1966-67 and alternate years)

Credit: Three hours

306. Algebra II (Introduction to Linear Algebra and Matrices).

Vector spaces—subspaces, basis, dimension, isomorphism; linear transformations; matrices—matrix operation, rank, equivalence relations, characteristics, functions of matrices; metric concepts.

(Offered in 1966-67 and alternate years)

Credit: Three hours

402. Introduction to Numerical Analysis.

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

(Offered in 1967-68 and alternate years)

Credit: Three hours

403-404. Advanced Calculus.

A rigorous development of the fundamentals of analysis.

First semester: Sets, sequences, functions, limits, mean value theorems, definite integral, Taylor's theorem, improper integrals, set functions, infinite series, uniform convergence, power series.

Second semester: Improper integrals with parameter; gamma functions; transformations; curves and arc length; extremal problems; integrals over curves and surfaces; Green, Gauss, and Stokes theorems.

(Offered in 1967-68 and alternate years)

Credit: Six hours

Honor Course in Mathematics

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 such a course may register for Mathematics 407. The course will be given if there is a sufficient number of candidates.

407. Introduction to Complex Variables.

Algebra of complex numbers; analytic functions, limits, continuity, derivative, Cauchy-Riemann conditions; elementary functions—exponential, trigonometric, hyperbolic, logarithmic; integration—contour integration, winding number, Cauchy integral theorem and formula, Morera's theorem, Liouville's theorem; power series; calculus of residues.

Credit: Three hours

PRE-ENGINEERING, GEOLOGY AND GEOGRAPHY

Messrs. Thompson 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.

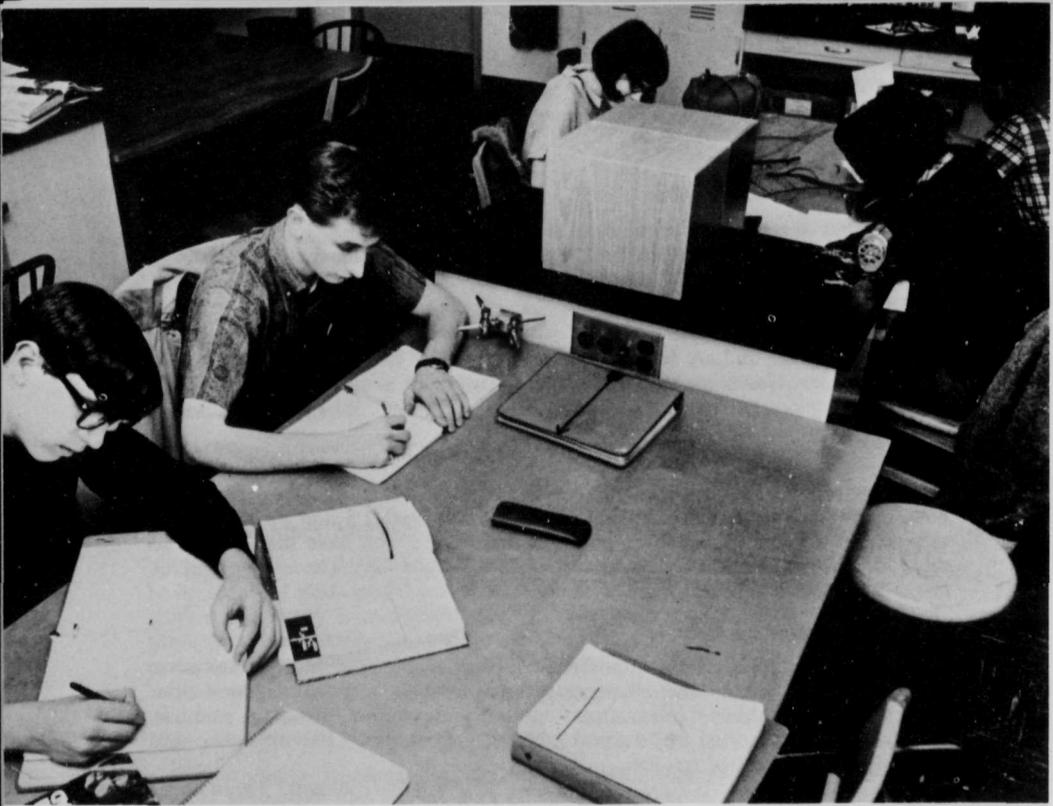
Credit: Three hours

202. Geology.

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

For further details on pre-engineering see page 51.

Credit: Three hours



DIVISION III

THE SOCIAL SCIENCES

Courses in history, political science, anthropology and sociology, psychology, education, economics and general business, and physical education are included in the Division of the Social Sciences.

The Division of the Social Sciences aims to equip the student with an understanding of the civilization in which he lives and with an understanding of the historical background of that civilization. Each student is required to take a minimum of twelve hours of course work in three different disciplines chosen from the Social Sciences.

Students majoring within this division frequently enter one or another of the professions, such as law, teaching, or the ministry. In recent years many students have prepared for vocations in public life, especially for federal, state, or local civil service careers or administrative careers in other countries. However, the first object of the division is not occupational training as such, but to help students understand the economic, political, racial, and social elements of society. Social Science courses attempt to relate these influences to national life and beyond that to the world scene.

HISTORY

Messrs. Jones, Gunn, Murray, Russo, Schwartz, S. G. Stevens, Winchester

Requirements for a history major: completion of 24 hours in history in addition to History 101-102. This must include United States History 303-04 and Historical Methods 401-02.

101-102. Modern European History.

This course is the basic introduction to the study of history. It is open to freshmen, and is a prerequisite for all other history courses. Two sessions per week are conducted as lectures, a third session each week is conducted with small groups engaging in discussion under the direction of the instructor. The first semester covers the development of Europe from the close of the Middle Ages to the Congress of Vienna (1500-1815). The second semester covers the period from 1815 to the present. Writings of Thomas More, Martin Luther, and other contemporary authors supplement the use of a basic text.

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.

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). Prerequisites: History 101-02 and either History 201-02, 301-02 or 401-02; or, alternatively, History 101-02 and Sociology 202 and 203.

(Offered in 1966-67 and alternate years)

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

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.

(Offered in 1966-67 and alternate years)

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.

(Offered in 1966-67 and alternate years)

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.

(Offered in 1967-68 and alternate years)

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.

(Offered in alternate years)

Credit: Six hours

309. American Intellectual History.

A study is made of 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, including the settlement of the Spanish Southwest, the fur trade, the land laws, the development of transcontinental railroads, and related topics.

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 101-02.

(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. Alderfer, Hamilton, Marcum, Short and R. Stevens

Requirements for major: 27 semester hours which must include Political Science 101, 105, and 402. Each student majoring in Political Science is required to write a Junior Paper. This is an independent research paper on a subject mutually agreed upon between the student and the department, selection of the topic to be made during the second semester of the Junior year, and the work is to be presented to the department the first week of the student's senior year. No specific course credit attaches to this requirement.

101. American National Government.

Introduction to the principles and practices of American national political institutions.

201-202. Elements of Government.

An introduction to the study of governmental processes and institutions, political behavior. A comparative analysis of political systems.

*Credit: Six hours***204. International Politics.**

A study of the politics among nations with special emphasis on the concepts and practices of imperialism, balance of power and sovereignty. Prerequisite: Political Science 201

*Credit: Three hours***205. American Foreign Policy.**

A survey of the problems of contemporary American foreign policy and a critical analysis of the assumptions and influences which shape it.

Prerequisites: Political Science 101, 201-202.

*Credit: Three hours***207. Comparative European Governments.**

A study of the political principles and practices of Great Britain, France, West Germany and The Soviet Union.

Prerequisite: Political Science 201-202.

*Credit: Three hours***208. 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.

Prerequisite: Political Science 201-202.

*Credit: Three hours***209. History and Politics of the Middle East.**

A survey of the spread of Islam, the rise and decline of the Arab and Ottoman Califates together with a study of the structure and evolution of political ideas and institutions of Middle East countries in the twentieth century.

Prerequisite: Political Science 201-202.

Credit: Three hours

212. American State and Local Government.

An analysis of state constitutions; legislative, executive, and judicial organization, powers, and procedures; political parties, interest groups, and elections; federal-state-local relations; finance, personnel, and major functions.

Prerequisite: Political Science 101.

Credit: Three hours

301. Classical Political Philosophy.

The development of political thought from the ancient Greeks to Machiavelli.

Prerequisite: Political Science 201-202.

Credit: Three hours

302. Modern Political Philosophy.

Political thought from Machiavelli to Marx.

Prerequisite: Political Science 201-202.

Credit: Three hours

305. American Political Parties.

An analysis of the structure and role of political parties as instruments of decision-making. Prerequisite: Political Science 101.

Credit: Three hours

307. American Legislative Process.

A study of the personnel, organization, and procedures of American legislative assemblies, national and state, with a view to determining how laws are made. Prerequisite: Political Science 101.

Credit: Three hours

309-310. Public Administration.

A study of the principles and practices of administrative organizations, management techniques and problems of administrative responsibility.

Prerequisite: Political Science 101.

Credit: Six hours

311. Politics of Non-Independent Africa.

Study of the political systems and African opposition politics in European ruled Southern Africa. Covers Portuguese colonies (Angola, Mozambique and Guinea), Southern Rhodesia, the Republic of South Africa, South West Africa and the High Commission Territories. Consideration of Non-Independent Africa in international and Pan African relations.

Credit: Three hours

312. International Organization.

The role of the United Nations, specialized agencies, 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. Prerequisite: Political Science 201-202.

Credit: Three hours

315. American Constitutional Law.

The role of the Supreme Court in the American political system through analysis of leading cases. Special emphasis is placed on First Amendment Freedoms, Due Process of Law and Civil Rights.

Prerequisites: Political Science 101, 201-202.

Credit: Three hours

401. Judicial Behavior.

A study of the federal courts in the political process; the judiciary as an integral part of policy-making and policy-execution; an examination of the policy significance and consequences of what judges do and how they do it; a behavioristic analysis.

Prerequisites: Political Science 101, 201-202, 315.

Credit: Three hours

402. Political Modernization.

The meanings and usefulness of contemporary theories of modernization and political development. These theories will be tested against the contemporary experience of the currently developing nations and the experience of the urban ghetto in the United States.

Prerequisites: Senior Standing; Political Science 101, 201-202 and 6 additional hours in Political Science.

Credit: Three hours

404. Political Science Seminar.

This course is designed for senior majors. Through the media of research papers and assigned readings it deals with specific areas of political science intensively with the view to integrating techniques and materials of previous studies.

Prerequisite: Political Science 105 plus nine additional hours in political science.

Required of political science majors.

Credit: Three hours

SOCIOLOGY AND ANTHROPOLOGY EDUCATION

Messrs. Foster, Gunn, and Knowles

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, commodities, 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, the western and central Sudan and the Congo Basin. Prerequisite: Sociology 201.

(Offered Fall term, alternate years)

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). Prerequisite: Sociology 202 (Ethnology of West Africa).

(Offered Fall term, alternate years)

Credit: Three hours

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: Two 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 archeological theory and method, followed by a survey of the prehistoric development of man and world culture inferred from the archeological evidence in the light of current culture theory. Prerequisite: Anthropology 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.

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 interests, and designed to give each student control of the basic techniques of research design and preparation of research papers.

Credit: Six hours

EDUCATION

Messrs. MacRae, Cornwell

The courses in education aim, in general, to acquaint the student with the principles governing the growth of personality and 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 principles 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

303. Teaching Developmental Reading.

This is a course in methods of teaching developmental reading to secondary school students. It is offered in alternate years.

Credit: Two 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, Gaymon, and Whitely

The courses in psychology are desined 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.

Six hours in General Psychology are prerequisite for all psychology majors. For a major 24 semester hours in addition to General Psychology are required. The following courses are required of all majors: Experimental Psychology 202a and 202b (6 hours), Statistical Methods 402 (3 hours), Advanced Statistical Methods 402b (3 hours), and the Psychology Seminar 403-404 (6 hours). Six hours toward the major may be accepted from the following inter-departmental courses: Educational Tests and Measurements 301, General Logic 103, and Anthropology 201.

201a-201b. General Psychology.

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

*Credit: Six 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. Motivation and Adjustment.**

A study of motivation and personality adjustments in the process of development. Prerequisite: Psychology 201.

*Credit: Three hours***204. Personality and Mental Hygiene.**

An intensive study of personality development and structure and 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.

*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: 201.

Credit: Three hours

402. Statistical Methods.

An introduction to descriptive statistics and computational procedures involved in deriving measures of central tendency, variability, and correlation. No prerequisite.

Credit: Three hours

402b. Advanced Statistical Methods.

A continuation of 402 including statistical inference, non-parametric methods, and an introduction to the analysis of variance. Prerequisite: 402.

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 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 it is a prerequisite for 406. Prerequisites: Psychology 201, 202, 402.

Credit: Six hours

GENERAL BUSINESS AND ECONOMICS

Messrs. Washington, Henry, Bell, Chernish, Mandl, Rucker

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, and six semester hours of mathematics.

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 is given 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

ECONOMICS

Messrs. Henry, Bell, Chernish, Mandle, Rucker

Requirements for a major in economics: 24 semester hours in economics in addition to Economics 201-202. Not more than 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

308-309. Problems of Development in Sub-Saharan Africa.

An approach to the problems of Sub-Saharan Africa from the standpoint of national-income analysis, national resources, traditional institutions and the saving-investment problem. A study of the growth process, social environment, role of government, and strategies of development in these areas.

Credit: Six hours

310. 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; cooperatives; 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

40. 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

PHYSICAL EDUCATION AND ATHLETICS

Messrs. Rivero, Gardner, Edgerton, Brayboy

All instruction and related activities in the fields of physical education, hygiene and athletics are administered by the Physical Education Department. The Health Services advise with the Department of Physical Education in the assignment of students to activities in accord with their physical needs. All major students are required to complete the following interdepartmental courses: Biology 101, Anatomy 201, Physiology 302, and special courses in education, as needed.

101-102. Freshman Physical Education.

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

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, and one combative and one individual activity.

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 touch football, provide the student with basic techniques for play rules and recreation programs. During the second semester lectures and practice develop the elements of play rules and safety procedures in track and field events, softball, and games of low organization. (Three lecture hours and two laboratory periods.)

Credit: Four hours

213-214. Officiating of Athletic Sports.

The principles, techniques, rules and regulations for officiating in football, soccer, and basketball are studied. During the second semester the principles, techniques, rules and regulations for officiating in wrestling, track and field, and baseball are presented. Two lecture hours and two laboratory periods.

Credit: Four hours

301-302. Physical Education Activities III and IV.

Analysis, practice and fundamentals in basketball, gymnastics, wrestling and intramural activities are studied during the first semester. The second semester is devoted to activities designed to help develop physical and recreational skills with a carry-over value, including badminton, tennis, golf, and other individual sports. Three lecture hours and two laboratory periods.

Credit: Four hours

303. Principles and History of Physical Education.

A course in the theory and history of physical education including the relation of physical education to the general field of education, specific activities in physical education, its aims and the problems that require study.

Credit: Three hours

304. Health Instruction in the Schools.

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

Credit: Three hours

305. Care and Prevention of Injuries, Conditioning and First Aid.

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 302.

Credit: Three hours

308. Kinesiology.

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

Credit: Three hours

309. Adapted Physical Education.

Developmental activities suited to the capacities and interests of students with disabilities that restrict them from participation in the total Physical Education program. Emphasis on program that will help improve the individuals remaining abilities. Prerequisite: Anatomy; Kinesiology.

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.

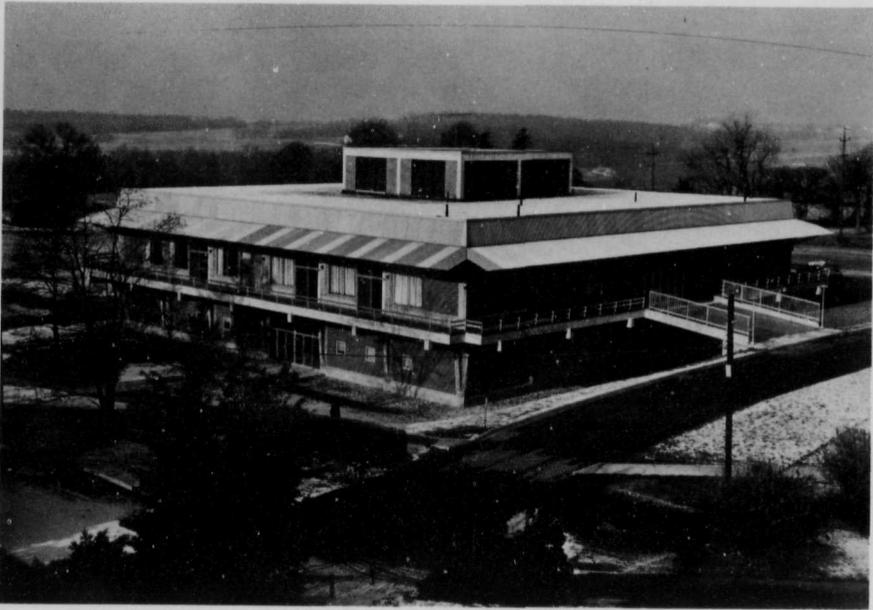
Fundamental problems in the selection, organization, guidance, and evaluation of physical education activities, individual as well as group.

Credit: Three hours





STUDENT UNION





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.....	Honorary

TRUSTEES ELECTED DIRECTLY BY THE BOARD

1947	DAVID G. MORRIS, Bayonne, New Jersey.....	1967
1951	JULIUS ROSENWALD, II, Elkins Park, Pennsylvania.....	1967
1959	MRS. ROBERT B. WOLF, Philadelphia, Pennsylvania.....	1967
1964	DWIGHT W. MORROW, JR., New Hope, Pennsylvania.....	1967
1959	F. W. ELLIOTT FARR, Philadelphia, Pennsylvania.....	1968
1959	J. WAYNE FREDERICKS, Washington, D.C.....	1968
1962	MACEO W. HUBBARD, Washington, D.C.	1968
1964	CHARLES A. ROBINSON, Kaolin, Pennsylvania.....	1968
1944	WALTER M. PHILLIPS, Philadelphia, Pennsylvania.....	1969
1959	STEPHEN B. SWEENEY, Lansdowne, Pennsylvania.....	1969
1960	JOHN H. FERGUSON, University Park, Pennsylvania.....	1969
1964	JOHN B. HANNUM, Unionville, Pennsylvania.....	1969
1959	ANDREW M. BRADLEY, Harrisburg, Pennsylvania.....	1970
1947	GEORGE D. CANNON, New York, New York.....	1970
1959	ALEXANDER S. COCHRAN, Baltimore, Maryland.....	1970
1949	STEWART HUSTON, Coatesville, Pennsylvania.....	1970
1964	ARTHUR B. KRIM, New York, New York.....	1970
1964	KIVIE KAPLAN, Chestnut Hill, Massachusetts.....	1970
1959	GEORGE M. LEADER, Philadelphia, Pennsylvania.....	1971
1959	THOMAS L. FARMER, Washington, D.C.....	1971
1959	ALBERT M. GREENFIELD, Philadelphia, Pennsylvania.....	1971
1964	WILLIAM P. YOUNG, Harrisburg, Pennsylvania.....	1971
1945	JOHN H. WARE, III, Oxford, Pennsylvania.....	1972
1951	ROGER S. FIRESTONE, Pottstown, Pennsylvania.....	1972
1964	JOSEPH C. WADDY, Washington, D.C.....	1972
1965	MRS. IRA DEA. REID, Haverford, Pennsylvania.....	1972

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*On leave first semester - 1965-66

**On leave, 1965-66

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Hamilton

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Marcum

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McKinley, Walter Creighton
 Lancaster, Ohio

McKoy, Daniel Alphin ...Philadelphia, Pa.
 McMichael, Robert SamuelOxford, Pa.

Marshall, Stanley Henry, Jr....Berlin, N.J.
 Mason, Dennis AllenWest Grove, Pa.
 Mathews, Robert Purnell ...Harrisburg, Pa.
 May, Dennis HowardPrinceton, N.J.
 Mayo, Rudolph EdgarCoatesville, Pa.
 Mebane, Carol Elizabeth ...Braddock, Pa.
 Meeks, Jerry LeonOxford, Pa.
 Meredith, David PaulAtglen, Pa.
 Mills, Gary LynnPhiladelphia, Pa.
 Mitchell, Samuel Marcellus
 Springfield Gardens, N.Y.

Moore, Benjamin Gordon ...Pittsburgh, Pa.
 Moore, Richie William, Jr. ..Savannah, Ga.
 Morgan, Edward William ...Brooklyn, N.Y.
 Morgan, Willie Elmer, Jr. ...Trenton, N.J.
 Morris, Raymond LoyPottstown, Pa.
 Moses, Charles GeorgeElverson, Pa.
 Moultrie, Robert Bradford Philadelphia, Pa.
 Moyer, Thomas Jerome ...New Castle, Del.
 Murph, Dwight WilliamTeaneck, N.J.
 Murphy, Ronald Joseph ...Philadelphia, Pa.
 Mutuvi, Charles MailuKenya, E.A.
 Muwonge, Fredrick George ...Uganda, E.A.

Ndiege, Peter OkongoKenya, E.A.
 Ndoro, Masango Jacob ..Salisbury, Rhodesia
 Nelson, Bruce Howard ...Philadelphia, Pa.
 Nicholson, Theodore Roosevelt Norfolk, Va.
 Null, David GeorgeClifton, N.J.
 Nwankwo, Peter AmadiNigeria, W.A.

Oates, David CharlesFarmingdale, N.J.
 Obodo, Felix UzodimaNigeria, W.A.
 Orekie, Nelson NwoyeNigeria, W.A.
 Ormond, Rosemary Lucille ..Philadelphia, Pa.
 Owens, James Alvin, Jr. ...Roxbury, Mass.

Patrick, FrozenaPittsburgh, Pa.
 Peirson, Barry LeeWest Grove, Pa.
 Pendleton, Bruce Madison ..Pittsburgh, Pa.
 Peterson, Gary AllenOxford, Pa.
 Petrucci, Steven Richard
 Kennett Square, Pa.

Phillips, George MartinMontclair, N.J.
 Pierce, Douglas CalvinPlainfield, N.J.
 Pogue, David RonaldBrooklyn, N.Y.
 Pointer, Rayford Lenward New York, N.Y.
 Povelones, Arthur Anton ..Cochranville, Pa.
 Pusey, Solomon JesseWest Grove, Pa.

Rabena, John Harold Haddon Heights, N.J.
 Ranck, Edwin H.Kinzer, Pa.
 Raullerson, Earl HenryOrange, N.J.
 Ray, Jesse GreerAsheville, N.C.
 Reed, Dwight DermotPhiladelphia, Pa.
 Ricketts, Dwight Robert ...Dickerson, Md.
 Ridgely, Gilbert Arthur ...Philadelphia, Pa.
 Rivero, Juan Manuel
 Lincoln University, Pa.

Robinson, Elbert Gregory .Philadelphia, Pa.
 Robinson, Robert Joseph ..Philadelphia, Pa.
 Rodriguez, Eulalio Raul ..New York, N.Y.
 Rosans, JohnLandenberg, Pa.
 Rugumire, MichelTanzania, E.A.

Sanders, David AlfonzoGastonia, N.C.
 Sargent, Ronald Fredrick ...Boston, Mass.
 Saunders, Hazyl Vance ...Bryn Mawr, Pa.
 Schurr, Jeffrey HunterLinfield, Pa.
 Scott, Gloria JeanSalem, N.J.
 Seignious, Norman Chauncey, Jr.
 Wyandanch, N.Y.

Sherman, Roger Vaughn ..Nassau, Bahamas
 Sihlangu, Philip KufaSindia, Rhodesia
 Silverman, Howard Steven ...Hillside, N.J.
 Simmons, Victor James ...Philadelphia, Pa.
 Singleton, David LeonKeysville, Ga.
 Smile, David LawtonNew York, N.Y.
 Smith, Henry CarlBraddock, Pa.
 Smith, John Randolph ...Hackensack, N.J.
 Snead, Leon McDonald ...Philadelphia, Pa.
 Stewart, Darryl RayNeptune, N.J.
 Stewart, Donald Vincent...Pittsburgh, Pa.
 Stewart, Maxine Theresa ..Philadelphia, Pa.
 Sumner, Frank MasonOxford, Pa.

Talamonti, Joseph Michael
 Kennett Square, Pa.

Taylor, John RichardLandenberg, Pa.
 Tennant, Alfred Milton ...Philadelphia, Pa.
 Tolliver, JoelPhiladelphia, Pa.
 Townsend, William Barclay ...Oxford, Pa.
 Turner, DarrylPittsburgh, Pa.

Udoh, Pius EtimNigeria, W.A.
 Udoukpo, Celsus Thomas ...Nigeria, W.A.
 Ulmer, Ronnie LeePhiladelphia, Pa.

Vera, Vincent, Ishmael Bulawayo, Rhodesia

Wallace, Jay AaronNew York, N.Y.
 Walls, Allen WaynePhiladelphia, Pa.
 Warrington, Robert Daniel Morristown, N.J.
 Washington, Tobias Wilson, Jr.
 South Ozone Park, N.Y.

Watkins, Arlie Philadelphia, Pa.
 Weckerly, Thomas Edwin Pittsburgh, Pa.
 Wellons, Leonard Thomas Philadelphia, Pa.
 White, Lindsay Eric Long Island City, N.Y.
 Whitfield, Conley Pottstown, Pa.
 Whitlock, Darragh Preston East Orange, N.J.
 Whitmore, Andrew James, III Pittsburgh, Pa.
 Wilkins, Warren Roy Dorchester, Mass.
 Williams, James McCoy Philadelphia, Pa.
 Willis, Robert Holmes Philadelphia, Pa.
 Wilson, David Laurence New York, N.Y.
 Wilson, George Lewis East Orange, N.J.

Wilson, Lynda Ann Philadelphia, Pa.
 Wilson, Robert Lee Braddock, Pa.
 Wilson, Rosalind Beverly Fort Wayne, Ind.
 Woodson, Byron Writt Washington, D.C.
 Word, Carl Oliver San Francisco, Cal.
 Wylie, Frazier Eugene Newark, N.J.

Young, James Edward, Jr. Washington, D.C.
 Young, Joseph Samuel, Jr. Parkesburg, Pa.

Zolomij, John Joseph Bridgeport, Pa.

Sophomore Class

Abney, Isaiah Julian Philadelphia, Pa.
 Adams, Anthony Douglas Chicago, Ill.
 Albaugh, George Patrick Lincoln University, Pa.

Asparagus, Loyd Edward Downingtown, Pa.

Barton, James Edmund Kennett Square, Pa.
 Basnight, Frederick New York, N.Y.
 Baxter, Morris Kirklyn Coatesville, Pa.
 Bennett, Clifford Travis Cleveland, Ohio
 Blackwell, Kenneth Philadelphia, Pa.
 Blackwell, William Lynn Roosevelt, N.Y.
 Bledsoe, Robert Glen Nottingham, Pa.
 Blount, Brenda Bonita Philadelphia, Pa.
 Boddie, Richard Grant Fairfield, Conn.
 Boyles, Robert Fredrick Scranton, Pa.
 Bracy, Charles Carlton Boston, Mass.
 Bramble, Robert Wayne Lincoln University, Pa.

Brewington, Franklin Lamont Chester, Pa.
 Brinkley, Barry Wayne Philadelphia, Pa.
 Brooks, Nelson Carter Harrisburg, Pa.
 Brown, Philip Junius, Jr. Philadelphia, Pa.
 Brown, Reginald James Philadelphia, Pa.
 Budd, Richard Irving Bordentown, N.J.
 Burnside, Herbert Edward Stanley Nassau, Bahamas

Byrd, Ralph Gerald South Ozone Park, N.Y.

Cain, Herbert Randall, III Philadelphia, Pa.
 Cameron, Walter Merrice, III Rising Sun, Md.

Chandler, Roland, Jr. Philadelphia, Pa.
 Childress, John Addison Philadelphia, Pa.
 Chitty, Alton Laney Pleasantville, N.J.
 Claytor, Michael James Boston, Mass.
 Cobb, Bruce Aliquippa, Pa.
 Cole, Ronald Vincent Philadelphia, Pa.
 Corrado, Martin John New York, N.Y.
 Corrigan, William James Wilmington, Del.
 Crabbe, Ira Antonio St. Thomas, V.I.
 Crystian, R. T., Jr. Pittsburgh, Pa.

Dacons, Thomas Clifford Philadelphia, Pa.
 Davis, Arthur Barry Philadelphia, Pa.
 Davis, Benjamin Franklin St. Louis, Mo.
 Davis, Richard Arter Harrisburg, Pa.
 Dawkins, John Morgan St. Albans, N.Y.
 D'Ottavio, Richard A. Kennett Square, Pa.

Earhart, Chester Luther, Jr. Oxford, Pa.
 Ekanem, Udo Friday Nigeria, W.A.
 Ellis, David Kerr New York, N.Y.
 Ellois, Joseph Bernard Baton Rouge, La.

Floyd, Israel John Philadelphia, Pa.
 Fried, Morris David Philadelphia, Pa.
 Frysinger, William Taylor Cochransville, Pa.

Gordon, Harry Lynn Boston, Mass.
 Greene, Carl Howard Darby, Pa.
 Geene, Richard Jamaica, N.Y.

Harris, Leslie Hurd Philadelphia, Pa.
 Harvey, Clement Eugene Christopher Southampton, Bermuda
 Hawkins, Theodore Frederick Philadelphia, Pa.

Hayes, John Merlin Philadelphia, Pa.
 Heron, James Patrick Oxford, Pa.
 Hill, Richard Earle Philadelphia, Pa.
 Hughes, Marvin James Pittsburgh, Pa.

Imes, John Nelson Philadelphia, Pa.

James, Arthur Henry Philadelphia, Pa.
 James, Reginald Girard Washington, D.C.
 Jaunakais, Maris Kennett Square, Pa.
 Johnson, James Henry Pittsburgh, Pa.
 Jones, Daniel Webster Conemaugh, Pa.
 Joseph, Selwyn Lancelot Jamaica, N.Y.

Kachama, Bernards Kkosi Malawi, C.A.
 King, James Albert Duquesne, Pa.
 Kotyo, John Albert Phoenixville, Pa.

Labiak, George, Jr. Coatesville, Pa.
 Lackey, Harvey Lee Philadelphia, Pa.
 Lamborn, Nathan Jay West Grove, Pa.
 Lawton, Richard Joel Philadelphia, Pa.
 Lee, Daniel, Jr. Coatesville, Pa.
 Letsome, Allen Jolito St. Thomas, V.I.
 LeVere, Ronald Gerald Philadelphia, Pa.
 Ludrick, Peter Jordan Philadelphia, Pa.
 Lyons, Clarence Marshall New York, N.Y.

McAden, William Joseph Philadelphia, Pa.
 McFarland, Jesse Lee Erie, Pa.
 McGill, Thomas Leslie, Jr. Philadelphia, Pa.

Mahoungou, Dieudonne Manu Congo, W.A.
 Martin, Aloysius Akpan Nigeria, W.A.
 Matondo, Jean Drack Congo, W.A.
 Maxwell, Edward Ardis Philadelphia, Pa.
 Meade, Joseph Philadelphia, Pa.
 Miller, Frederick Alexander Philadelphia, Pa.
 Monteiro, Michael Gregory Philadelphia, Pa.
 Moore, Stephen Presbury Bel Air, Md.
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 Murray, John Robert Manchester, N.H.
 Mwathi, John Ngugi Kenya, E.A.

Nance, Rufus Curtis Chester, Pa.
 Nkere, Obioha Nigeria, W.A.

Obong, Sunday Isong Nigeria, W.A.
 O'Daniel, Richard McDougald Mt. Vernon, N.Y.

Osakwe, Edwin AniemekaNigeria, W.A.
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 Smith, Charles Jackson ...Staten Island, N.Y.
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 Stephens, James PaulRoosevelt, N.Y.
 Stewart, James Arthur, III ...Pittsburgh, Pa.
 Stone, Randolph NoelMilwaukee, Wis.
 Stridiron, Iver Allison New York, N.Y.
 Sudzina, GeorgeOxford, Pa.
 Supplee, John PhillipCoatesville, Pa.
 Svanoe, Thomas William ...West Grove, Pa.
 Taylor, Dwight Spaulding ..Baltimore, Md.

Todd, James AlanNottingham, Pa.
 Trigg, Dewey FranklinCleveland, Ohio
 Troilo, Joseph DeanChester, Pa.
 Turner, John Merrell, IIIRoselle, N.J.
 Uln, Clive AntonyHarrisburg, Pa.
 Walker, Ronald Elmore ...Philadelphia, Pa.
 Waller, Maceo TeelPhiladelphia, Pa.
 Walwork, Thomas Edward David Philadelphia, Pa.
 Walton, Lloyd Alexander Canonsburg, Pa.
 Watkins, Aubrey Lee, Jr. ...Pittsburgh, Pa.
 Watson, Mark William ...Philadelphia, Pa.
 Welch, Frederick Edwin ...West Grove, Pa.
 West, DavidPhiladelphia, Pa.
 Wiener, Jerrold LeePhiladelphia, Pa.
 Williams, Joseph Vincent, Jr. Philadelphia, Pa.
 Williams, Leonard Boyer ...Bridgeton, N.J.
 Williamson, Clarence O'Berry Greensboro, N.C.
 Wilson, Harold Henry ...Jacksonville, Fla.
 Witman, Lillian Elaine ...Nottingham, Pa.
 Woodard, Walter Rodney Newport News, Va.
 Woodard, Walter Rodney Newport News, Va.
 Woods, Kenneth Lewis ...Philadelphia, Pa.
 Zinger, Gordon Frederick ..Feasterville, Pa.

Junior Class

Agbugui, John IgetemohNigeria, W.A.
 Agyei-Darko, Evans Kwame ..Ghana, W.A.
 Albriton, James Warren ...Cleveland, Ohio
 Anderson, Louis Philip ...Philadelphia, Pa.
 Bakken, John StevenOxford, Pa.
 Barrett, Scott Raymond, Jr. St. Louis, Mo.
 Bell, James AnthonyNew York, N.Y.
 Benn, Lester ElwynBoston, Mass.
 Best, EugeneJamaica, N.Y.
 Black, Carol AnnWest Grove, Pa.
 Blossom, Leonard Roland East Orange, N.J.
 Brown, James Howell ...Parkesburg, Pa.
 Bryant, Frederick James ..Philadelphia, Pa.
 Cain, Robert CarsonPenns Grove, N.J.
 Cain, Royland Forgey ...Penns Grove, N.J.
 Covington, Ulysses, Jr. ...New York, N.Y.
 Davis, Stephen Harris ...Washington, D.C.
 Dulan, Gloria Jeanne Oklahoma City, Okla.
 Ellison, JulianAlbany, Ga.
 Essien, Basil Ufford.....Nigeria, W.A.
 Foard, Frederick CarterChicago, Ill.
 Ford, Harry EugenePhiladelphia, Pa.
 Gomes, Terrence Antone New Bedford, Mass.
 Gray, Thomas Walker ...Hackensack, N.J.
 Griffin, Philip JonNewfield, N.J.
 Harmon, Michael Alexander Pleasantville, N.J.
 Harper, John Butler, Jr.Rankin, Pa.
 Hastings, Honey Charlotte Upper Darby, Pa.
 Henderson, John RalphOxford, Pa.
 Herr, David FrankStrasburg, Pa.
 High, Sandra AlomaCoatesville, Pa.
 Hill, Edward CharlesCleveland, Ohio

Hill, William Reddings ...Chadds Ford, Pa.
 Hillman, GeneBerwyn, Pa.
 Hinton, Ronald Charles ...Enealewood, N.J.
 Ho, Peter NaishiangTaiwan, China
 Howard, Richard Elwin ...Cherry Hill, N.J.
 Hurt, Wesley Douglas ...Philadelphia, Pa.
 Ikpong, Inyang AsuquoNigeria, W.A.
 Jackson, Charles Edison ...Charlotte, N.C.
 Jackson, Harry Calvin ...Philadelphia, Pa.
 Jaunakais, IvarsKennett Square, Pa.
 Jefferies, Eddie Harold ...Duquesne, Pa.
 Johnson, Christopher Frederick Philadelphia, Pa.
 Johnson, Cornelius William Portsmouth, Va.
 Johnson, Robert Crowley, III Philadelphia, Pa.
 Jones, Randolph Leonard Philadelphia, Pa.
 Komorowski, Frank Stanley ..Avondale, Pa.
 Kovarcik, Donald PaulGarfield, N.J.
 Krumrine, Herbert Winfield ..Parkesburg, Pa.
 Laud-Hammond, Archibald Martei Ghana, W.A.
 Lawson, Herman, Jr.Harrisburg, Pa.
 Liabunya, Unwin Lloyds ...Malawi, C.A.
 Long, GradyDayton, Ohio
 McCray, George FredericBronx, N.Y.
 McMillan, Barry Albert Huntington Valley, Pa.
 Mabatla, Khabane Vincent Basutoland, S.A.
 Mbonu, Jonathan Okechuku ..Nigeria, W.A.
 Meekins, Osa FranklinPalmyra, N.J.
 Mills, Don Christian ...Atlantic City, N.J.
 Misori, NyawangaKenya, E.A.
 Mitchell, Michael Bowen ...Baltimore, Md.
 Moffitt, Ronald James ...Hempstead, N.Y.
 Monteiro, Anthony Barry ..Philadelphia, Pa.
 Moonyane, Paul Khotso ...Basutoland, S.A.
 Moore, James BlakePittsburgh, Pa.

- Pollock, James AllenOxford, Pa.
 Prewitt, James EverettCleveland, Ohio
- Queenan, Roy Arthur Gwynedd Valley, Pa.
- Ramalefane, Tseliso Etienne
 Basutoland, C.A.
- Raney, George Wesley, III ...Hampton, Va.
 Reed, JosephBradenton, Fla.
 Roberts, Anthony Brenton
 Somerset Bridge, Bermuda
- Robinson, George Kubelik, Jr.
 Charleston, S.C.
- Salim, Ahmed AliZanzibar, E.A.
 Schultz, Willard EarlPottstown, Pa.
 Shoemaker, Robert Charles Parkesburg, Pa.
 Smith, Baxter DennisPhiladelphia, Pa.
 Smith, William HenryWashington, D.C.
 Sowers, Stephen RayManchester, Pa.
- Spain, Charles Henry, Jr.Chester, Pa.
- Thomas, Vaughn LeviNew York, N.Y.
 Tsai, PhyllisLincoln University, Pa.
- Umoren, Udo UkpongNigeria, W.A.
 Uyo, Ibok NathanielNigeria, W.A.
- Van Blake, Claudia Gretchen
 Lincoln University, Pa.
- Walker, Robert NilesBronx, N.Y.
 Wallace, William Percival, III
 Chattanooga, Tenn.
- Ware, John Haines, IVOxford, Pa.
 Warfel, William HenryOxford, Pa.
 Williams, Edgar LehmanWashington, D.C.
 Williams, Rodney DavidPhiladelphia, Pa.
 Williams, Warren OdelNewark, N.J.
 Wood, Fred Selton, Jr.Cleveland, Ohio

Unclassified

- Amis, Cynthia HopePhiladelphia, Pa.
- Brabson, Grafton Kirk ..Peach Bottom, Pa.
 Branch, Donald OtisNew Bedford, Mass.
 Brown, Malcolm Douglas ...Parkesburg, Pa.
- Christian, Edward, Jr. ...Philadelphia, Pa.
 Colbert, Warren RichardBayonne, N.J.
 Cornish, James Westley ...Philadelphia, Pa.
- Davies, Edward Alphonso ...Liberia, W.A.
 Denney, David Charles ...Wilmington, Del.
 Dunbar, Paul Martin ...Sierra Leone, W.A.
- Exmore, Warren Michael .Philadelphia, Pa.
- Holton, George Frederick, Jr.
 Kennett Square, Pa.
- Jackson, Leonard, Jr.Philadelphia, Pa.
 Jennings, Martin Henry
 New Brunswick, N.J.
 Joseph, Oscar VernonTrenton, N.J.
- Kalb, Kurt RichardLandenberg, Pa.
 Kauber, GloriaWilmington, Del.
 Krams, Berkeley Trent .Wilmington, Del.
- Kushner, Neal Kolman ...Philadelphia, Pa.
- Lindecamp, Robert Dennis West Grove, Pa.
 Ludwig, Melvin RobertNewark, Del.
 Lynch, Frederick Adolph
 South Ozone Park, N.Y.
- Malianga, Quinton FaraiRhodesia, C.A.
 Marchlewicz, Robert Ignatius
 Wilmington, Del.
- Mason, Ronald BookerBaltimore, Md.
 Miller, William Eugene
 Kennett Square, Pa.
- Murray, Steven ElliottWashington, D.C.
- Oldjohn, StulamiBasutoland, S.A.
- Smith, Paulus, J. J.Windhoeck, S.W.A.
 Stewart, Ashton, TatnallNew Hope, Pa.
- Turay, Foday Manadou Sierra Leone, W.A.
- Ware, Paul WillardOxford, Pa.
 Warner, Mary RuthWilmington, Del.
 Watt, Donald AlanToms River, N.J.
 Williams, Janice AugustaDarby, Pa.

Special

- Bouchelle, Donald Bayard
 Kennett Square, Pa.
- Brown, Howard Hawkins
 Lincoln University, Pa.
- Chapman, Dorothy R.Christiana, Pa.
 Cole, Marjorie Volin
 Lincoln University, Pa.
- England, Joseph LeroyOxford, Pa.
- Gaskins, Owen HallPrinceton, N.J.
 Goode, P. RichlandKennett Square, Pa.
- Hartmaier, Irma M.Oxford, Pa.
 Henry, RubyLincoln University, Pa.
 Holdsworth, Darwin Raymond
 West Chester, Pa.
- Ives, William BiddleCoatesville, Pa.
- Jamison, FrancesOxford, Pa.
- McClelland, Walter L. ..Downingtown, Pa.
 Moran, Richard L.Oxford, Pa.
 Mullett, Louise B. ..Lincoln University, Pa.
- Paul, Donald George ...Kennett Square, Pa.
 Pennell, Dale EngleNottingham, Pa.
- Rudd, GraceLincoln University, Pa.
 Ryan, Joseph F.Wilmington, Del.
- Scott, VivianKennett Square, Pa.
 Stoddard, Edwin RobertAvondale, Pa.

Unclassified Students under the Special African Program

Akol, Peter	Sudan	Makobo, Alfred	Rhodesia
Alexandre, Francisco	Angola	Makonese, Mabibi	Rhodesia
Anadi, Oozu	Zambia	Makura, Nicholas	Rhodesia
Ayuen, Moses	Sudan	Manyeli, Maurice	Basutoland
Biela, Venancio	Angola	Martins, Cesar	Angola
Bingana, Kambizo	South West Africa	Masango, Lazarus	Mozambique
Chingunji, Esteveao	Angola	Mawere, Tapson	Rhodesia
Chitunda, Jeremias	Angola	Mbata, Ntando	Swaziland
Dlamini, Daniel	Swaziland	Moda, Carlos	Mozambique
Dombo, Isaac	Rhodesia	Mooka, Edward	Bechuanaland
Duany, Michael	Sudan	Moutinho, Timoteo	Mozambique
Dube, Francis	Rhodesia	Mparutsa, Carver	Rhodesia
Dube, Lazarus	Rhodesia	Mujorra, Ernesto	Mozambique
Ferraz, Bernardo	Mozambique	Mulato, Ernesto	Angola
Gawaxab, Elieser	South West Africa	Nangolo, Johannes	South West Africa
Gxoyiya, Rhodes	South Africa	Ncube, Mackson	Rhodesia
Hamutenya, Hidipo	South West Africa	Mdumba, Willis	Angola
Head, Harold	South Africa	Nkomo, Oscar	Swaziland
Hiiiko, Fanauel	South West Africa	Nyatsanga, Titus	Rhodesia
Jama, Alberto	Mozambique	Opoka, Silvestro	Sudan
Jario, Gottfried	South West Africa	Pangulula, Bernard	Angola
Joanota, Joachim	Mozambique	Riak, Matthew	Sudan
Kalima, Michael	Mozambique	Rosario, Cesar	Angola
Kasenda, Ismael	South West Africa	Shumba, Ozias	Rhodesia
Kassanga, Marcos	Angola	Sithole, Cyril	Swaziland
Kassoma, Luciano	Angola	Taruvinga, Emmanuel	Rhodesia
Khathwane, Vincent	Swaziland	Tsumba, Leonard	Rhodesia
Lutonadio, Pedro	Angola	Ventura, Rufino	Mozambique
Luzayamo, Sebastien	Angola	Vilakati, Joseph	Swaziland
Mabor, Paul	Sudan	Yanga, Benjamin	Sudan
Machadu, Leonard	Rhodesia	Ziyambi, Alick	Rhodesia
Mafumo, Amilcar	Mozambique	Zuendoki, Pierre	Angola
Maieane, John	Basutoland	Zvovushe, Francis	Rhodesia
Makhanda, Lesaoana	South Africa	Zwane, David	Swaziland

Summary

Senior.....	94
Junior.....	110
Sophomore.....	143
Freshman.....	238
Unclassified.....	35
Special.....	21
Special African Program.....	68
Total.....	709

An analysis of the geographical distribution of the 709 students is as follows:

<i>New England States</i>		<i>South Atlantic States</i>	
Connecticut	4	District of Columbia	9
Massachusetts	12	Florida	3
New Hampshire	3	Georgia	5
	<hr/>	North Carolina	10
	19	South Carolina	4
		Tennessee	2
		Virginia	14
			<hr/>
			47
<i>West South Central States</i>		<i>United States Possessions</i>	
Texas	1	Virgin Islands	5
	<hr/>		<hr/>
	1		5
<i>Middle Atlantic States</i>		<i>Foreign</i>	
Delaware	15	Africa	137
Maryland	11	Angola	14
New Jersey	54	Basutoland	7
New York	54	Bechuanaland	1
Pennsylvania	334	Congo	2
	<hr/>	Ethiopia	1
	468	Ghana	2
		Kenya	10
		Liberia	1
		Malawi	2
		Mozambique	10
		Nigeria	31
		Rhodesia	21
		Sierra Leone	3
		Somalia	2
		South Africa	3
		South West Africa	8
		Sudan	7
		Swaziland	8
		Tanzania	1
		Uganda	1
		Zambia	1
		Zanzibar	1
		Bermuda	3
		British West Indies	3
		Canada	1
		China	1
		Iran	1
		Israel	1
			<hr/>
			147
<i>East North Central States</i>			
Michigan	1		
Ohio	9		
	<hr/>		
	10		
<i>Central States</i>			
Illinois	3		
Indiana	1		
Missouri	3		
Oklahoma	1		
Wisconsin	1		
	<hr/>		
	9		
<i>East South Central States</i>			
Louisiana	2		
	<hr/>		
	2		
<i>Far Western States</i>			
California	1		
	<hr/>		
	1		

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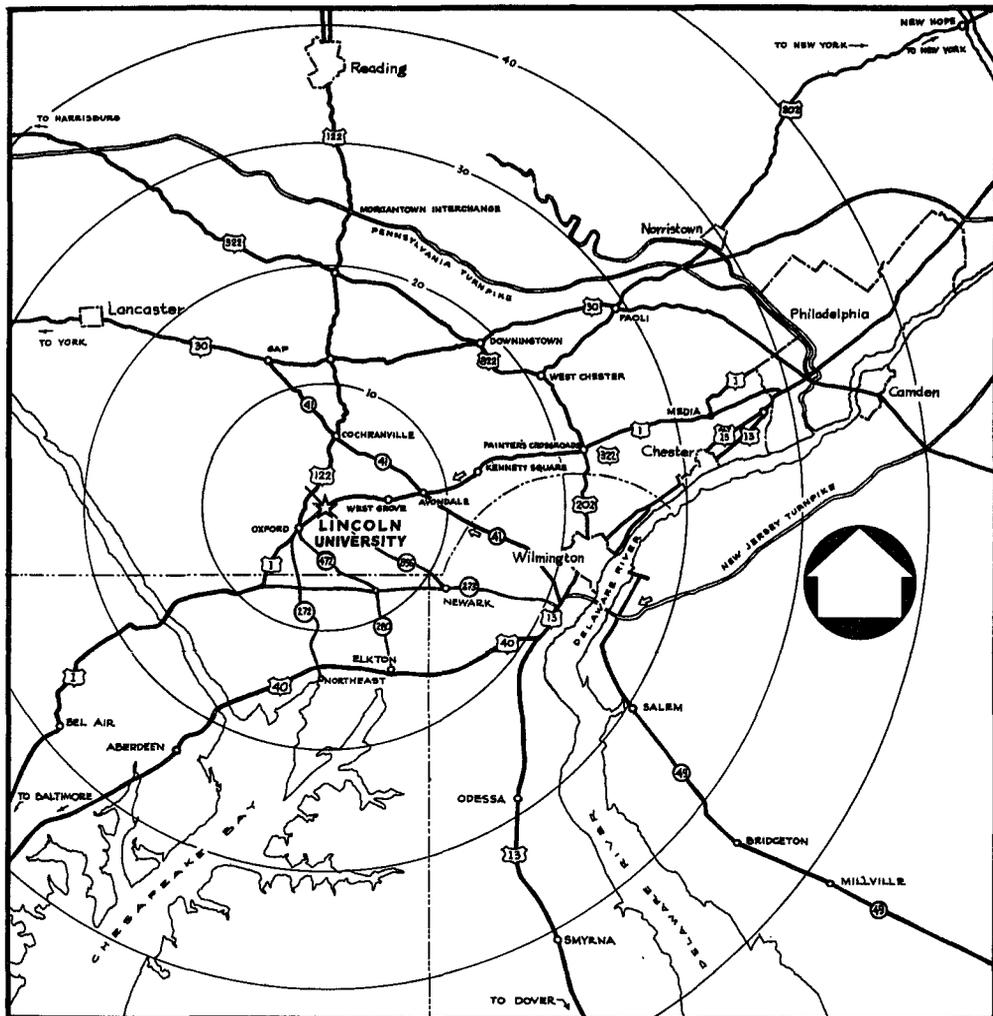
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Index

Absences	45	Health Program	31
Academic Regulations	41	History	80
Accreditation	7	History of Lincoln University ...	7
Administration	107	Honors Program	43
Admission	11	International Programs	31
Advanced Placement	12	Late Registration	13
African Program	31	Latin	62
Alumni Association	122	Linguistics	63
Anthropology	85	Loans	20
Art	67	Location	Inside Back Cover
Athletic Program	27	Major Requirements	42
Assembly	25	Mathematics	76
Astronomy	75	Miscellaneous Fees	15
Biology	71	Music	65
Buildings	33	Objectives	6
Calendar, University	4	Payment of Expenses	16
Chemistry	73	Philosophy	67
Classification of Students	45	Physical Education	94
Comprehensive Examinations ...	44	Physics	75
Courses of Instruction	57	Political Science	83
Degrees Conferred	111	Pre-Engineering	51, 79
Directory of Students	114	Prizes	21
Dismissals	46	Probation	46
Dormitories	38	Programs of Study	51
Dormitory Regulations	48	Psychology	89
Economics	92	Refunds	16
Education	88	Religion	69
Election of Courses	41	Religious Opportunities	27
English	58	Resources	9
Entrance Examinations	12	Scholarships	19
Examinations	43	Sociology	85
Expenses	15	Spanish	65
Faculty	101	Speech and Dramatics	61
Fraternities	27	Student Employment	21
French	64	Student Activities	25
General Business Courses	90	Terms and Vacations	43
General Information	25	Transfer Students	12
General Regulations	48	Trustees	99
German	64	Visitors	49
Glee Club	26	Withdrawal	13
Grading System	44		
Graduation Requirements	47		
Greek	62		



Lincoln University is located in open country on U.S. Highway 1. It is 45 miles southwest of Philadelphia and 55 miles northeast of Baltimore, between Oxford, and West Grove, Pa. It may be reached conveniently by the Trailways buses from Philadelphia and Baltimore, and the Short Line buses from West Chester and Wilmington.

The post office address is Lincoln University, Pennsylvania.

