

CORRESPONDENCE WITH LINCOLN UNIVERSITY

Communications should be addressed to the appropriate administrative officer.

ACADEMIC STANDING OF STUDENTS

Dean and Registrar

ADMISSIONS

The Office of Admissions

ALUMNI RELATIONS

The Director of Alumni Relations

FACULTY AND CURRICULUM

The Provost

FINANCIAL AID, STUDENT EMPLOYMENT

The Financial Aid Officer

FINANCIAL ARRANGEMENTS AND PAYMENTS OF BILLS

Comptroller

GENERAL INFORMATION

The Office of Public Information

PERSONAL AND SOCIAL LIFE OF STUDENTS

Vice-President for Student Affairs

PLACEMENT OF GRADUATES

Director of Placement

REQUESTS FOR TRANSCRIPTS

The Registrar

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 Assistant 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 1:00-5:00. Applicants for admission are urged to write for an appointment.

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

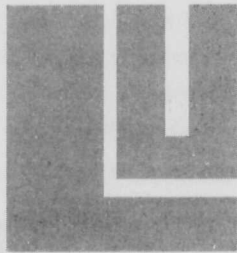
lincoln university



catalog 1968
1970



**the 115th
university year**



spring 1969



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University Calendar

115TH UNIVERSITY YEAR

The First Semester

1968

- September 3... Faculty Conference 10:00 a.m. Tuesday
- September 4... Freshman students arrive
- September 4-8... Freshman Orientation & Registration
- September 8... Sophomores, Juniors, Seniors arrive
- September 9... Class registration
- September 10... All classes meet ½ hour 8:00 a.m. Tuesday
- September 11... Classes begin 8:00 a.m. Wednesday
- October 28-Nov. 1... Mid-Term Tests
- November 27... Thanksgiving Recess begins 12:00 noon Wednesday
- December 2... Thanksgiving Recess ends 8:00 a.m. Monday
- December 13... Last day of classes
- December 16-21... Final examinations
- December 21... Christmas vacation begins 5:00 p.m. Saturday

1969

- January 6... Christmas vacation ends 8:00 a.m. Monday

January Interim

- January 6... Registration
- January 7... January Term begins ... 8:00 a.m. Tuesday
- January 20-24... Pre-registration for second semester
- January 31... Recess begins 5:00 p.m. Friday
- February 10... Recess ends 8:00 a.m. Monday

The Second Semester

- February 10... Registration
- February 11... All classes meet ½ hour . 8:00 a.m. Tuesday
- February 12... Classes begin 8:00 a.m. Wednesday
- March 26-April 2... Mid-Term Tests
- April 3... Spring vacation begins .. 8:00 a.m. Thursday
- April 9... Spring vacation ends ... 8:00 a.m. Wednesday
- April 21-25... Pre-registration—
Fall Term
- May 16... Classes end 5:00 p.m. Friday
- May 19... Final examinations begin
- May 24... Final examinations end
- June 1... Baccalaureate and Commencement Services

116TH UNIVERSITY YEAR

The First Semester

1969

September	2... Faculty Conference	10:00 a.m. Tuesday
September	3... Freshman students arrive	
September	3-7... Freshman Orientation & Registration	
September	7... Sophomores, Juniors, Seniors arrive	
September	8... Class registration	
September	9... All classes meet ½ hour	8:00 a.m. Tuesday
September	10... Classes begin	8:00 a.m. Wednesday
October	27-31... Mid-Term Tests	
November	26... Thanksgiving Recess begins	12:00 noon Wednesday
December	1... Thanksgiving Recess ends	8:00 a.m. Monday
December	12... Last day of classes— Fall Term	
December	15-20... Final examinations	
December	20... Christmas vacation begins	5:00 p.m. Saturday

1970

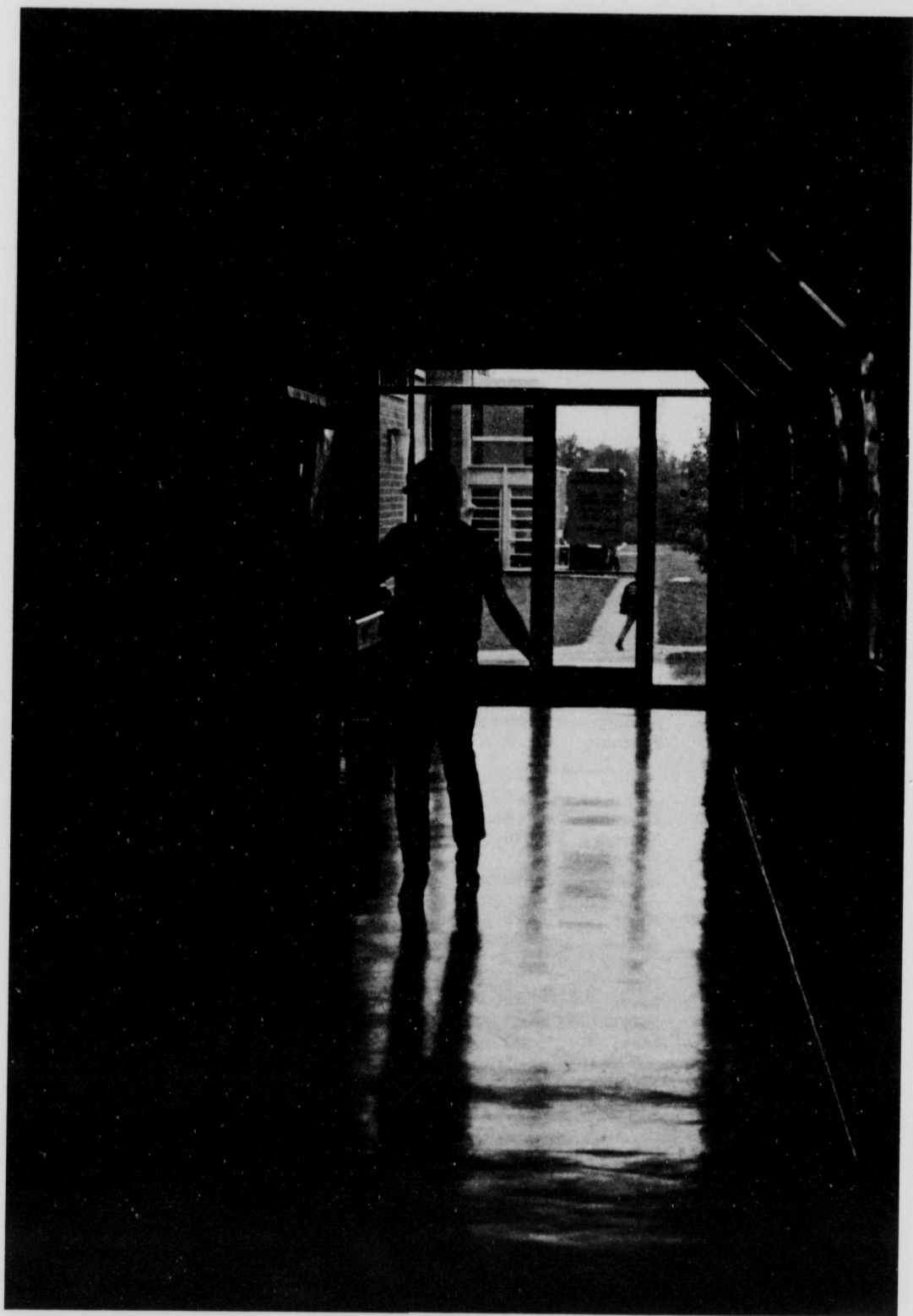
January	5... Christmas vacation ends	8:00 a.m. Monday
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January Interim

January	5... Registration	
January	6... January Term begins	8:00 a.m. Tuesday
January	19-23... Pre-registration for second semester	
January	30... Recess begins	5:00 p.m. Friday
February	9... Recess ends	8:00 a.m. Monday

The Second Semester

February	9... Registration	
February	10... All classes meet ½ hour	8:00 a.m. Tuesday
February	11... Classes begin	8:00 a.m. Wednesday
March	24-31... Mid-Term Tests	
April	2... Spring vacation begins	8:00 a.m. Thursday
April	8... Spring vacation ends	8:00 a.m. Wednesday
April	20-24... Pre-registration— Fall term 1970	
May	15... Classes end	5:00 p.m. Friday
May	18... Final examinations begin	
May	23... Final examinations end	
May	31... Baccalaureate and Commencement Services	



Introduction to Lincoln University

Founded in 1854, Lincoln University is the oldest college in the United States having as its original purpose the highest 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 professions, 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.

STUDENT PARTICIPATION

The University Community encourages full participation by all campus groups in every area of its activities. Particular emphasis is placed upon student partnership in the development and institution of curricular and co-curricular programs. Students are active members of many governing and decision-making committees including: Library Building, Lectures and Recitals, Curriculum, Athletics, Health-Welfare and Discipline, Library, Religious Activities, and Publications.

Lincoln students also participate with the faculty committee on honorary degrees, and representatives from the student body are invited to attend the regular monthly meeting of the faculty. In addition, the President of the University holds regular informal discussion hours with students. Members of the administration and, of course, faculty are always available for consultation.

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.

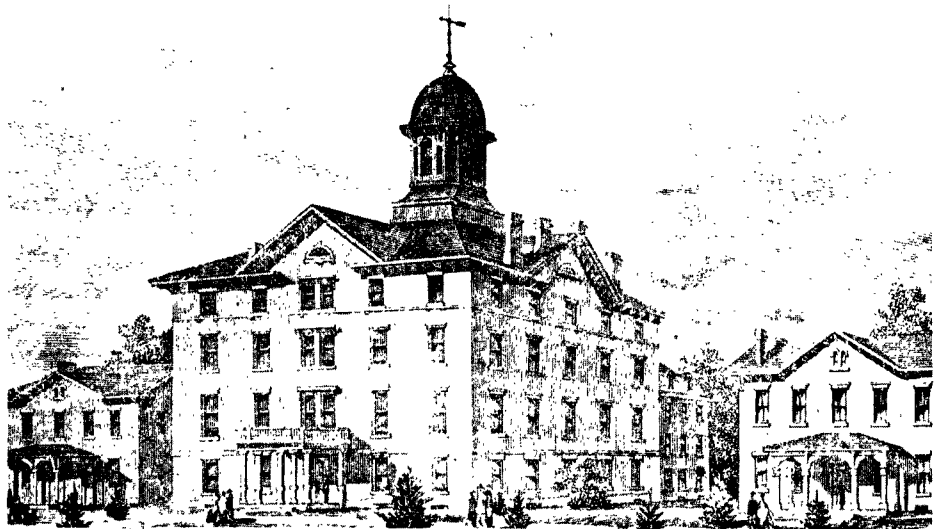
To achieve such diversity and to provide the educational values of learning to live constructively in a pluralistic society, Lincoln University will continue, as it has traditionally done with conspicuous success, to accept students with underprivileged backgrounds and to provide compensatory educational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



LINCOLN UNIVERSITY IN THE 1860's

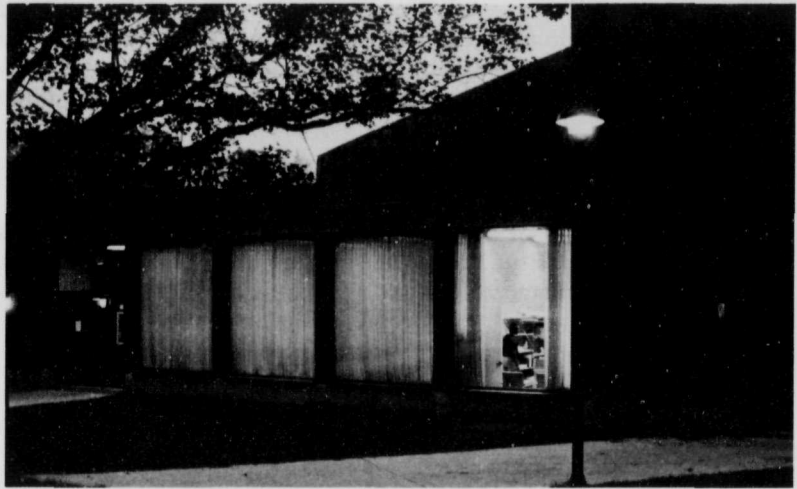
Rev. Dickey was involved in the American Colonization Society and took an active part in 1851 in the court actions leading to the freeing of a young Negro girl who had been abducted from southern Chester County by slave-raiders from Maryland. At the same time, having been unsuccessful in his efforts 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 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 24 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 Ware Center for Fine Arts was opened in 1966 and the Life Sciences building has been doubled in size for study and research in the life sciences.

Vail Memorial Library, which contains over 110,000 volumes and receives about 650 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 more than \$2,000,000, and the buildings and grounds have a replacement value of more than \$13,000,000.



Admissions

The Committee on Admissions seeks to enroll those students who have demonstrated a sincere desire to further their intellectual and social development. Such development should be consistent with a quest for excellence, understanding and a sense of responsibility to themselves, their colleagues and the community.

Admission to Lincoln University is based on the strength of a student's academic record, grades received, all national standardized test results which are indicated on the transcript with particular emphasis on the College Board's Scholastic Aptitude Test, recommendations, co-curricular activities, job experience, demonstrated leadership and contribution to community, and socio-economic background. No single item of the admission credentials determines whether or not an applicant is admitted.

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 by March 15, if admission is desired in September. Applications should be made by December 1, if January admission is desired.

Those who wish to apply for admission should write the ADMISSIONS OFFICE, Lincoln University, Lincoln University, Pennsylvania 19352, 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 application fee may be waived providing such a request from the applicant's counselor explaining unusual circumstances accompanies the application.

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.

Applicants in their senior year of secondary school whose records are complete are notified of admissions decisions shortly after the first term of their twelfth grade, if admission in September is desired. Transfer students whose records are complete are notified of admissions decisions after February 15. It is the applicant's responsibility to see that all the appropriate steps are completed in filing an application for admission.

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 November, December, January, or March if admission is desired the following September.

Candidates for admission in January should take these tests the preceding May, July, or December. It is further recommended that each candidate take the English Composition Achievement Test and two additional tests in the College Board series.

Information and application forms for the tests should be secured from the *College Entrance Examination Board* at one of the following addresses (whichever is closer to the candidate's home or school): Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California 04710.

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.

ADMISSION UNDER THE EARLY DECISION PLAN

The early decision plan is offered only for candidates who are sure Lincoln University is the college they will attend if admitted and whose credentials are such as to make the probability of admission high. This plan is designed primarily to reduce anxiety for candidates as early as possible in the senior year; it has the additional advantage of reducing unnecessary multiple applications that otherwise would have to be filed, supported by the schools and considered by the colleges.

The first choice early decision plan requires a candidate to certify that Lincoln University is his first choice, and that he will accept an offer of admission if it is extended, provided it includes adequate financial aid if such is needed. This first choice plan permits the candidate to initiate other applications for admission should this seem advisable, but the candidate must agree to withdraw such applications when notified of acceptance and financial aid, if needed, by Lincoln University.

This plan must be initiated by the candidate. A candidate must submit a letter with his application requesting consideration for early decision. Lincoln University will provide for notification of action of any financial aid application at the same time the candidate is notified of action on his application for early decision. Further information is available upon request.

PERSONAL INTERVIEWS

Although interviews are not required for admission, the College welcomes interviews with prospective students. An interview on campus can be arranged Monday through Friday between the hours of 8:30 a.m. and 12:00 noon or 1:00 p.m. and 4:30 p.m. A request for an interview and campus tour should be addressed to the Office of Admissions in advance of the desired date. Applicants should suggest at least two alternative dates on which it would be convenient for them to visit the campus.

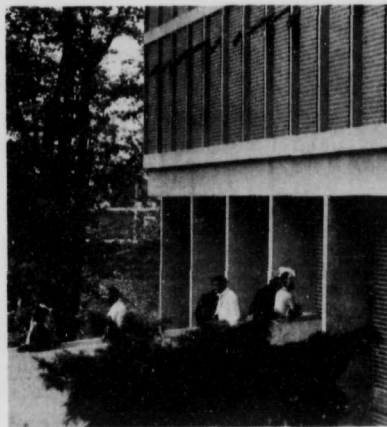
Experience indicates that campus visits are more meaningful to an applicant when students are on the campus.

It is recommended that whenever possible, an applicant have his College Board scores and high school transcript sent to the College prior to the visit.

CLASSIFICATION OF STUDENTS

Regular Students—Regular students are those who have met the entrance requirements for candidacy and are registered for degrees.

Special (or probational or provisional) Students—An applicant may apply for admission as a special student. A special student is one who is not a candidate for a degree and normally but not necessarily carries less than three courses per semester. A special student in attendance who wishes to be considered for admission to degree candidacy should file formal application with the school's Committee on Admissions. Once admitted, he will receive credit toward the degree for appropriate courses completed while in the Special Student status provided that the grades earned are "C" or higher. All special students are required to qualify for degree candidacy before completing nine courses. (Students are encouraged to make application for admission to degree status after they have completed four courses, provided they have a cumulative quality



point average of 2.00.) Students who apply for degree candidacy with more than nine courses will be considered only by special permission of the Committee on Admissions.

READMISSION

A student previously registered in the University who was not registered on-campus during the immediate preceding semester (summer session excluded), must apply for readmission to the Director of Admissions. If he applies as a degree candidate and was previously registered as a nondegree student, or if he has attended one or more higher institutions during his absence from the University, he must have complete, official transcripts sent to the Director of Admissions from each institution attended.

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 included to determine the admission of the student but to indicate the grade of work of which he is capable and the most efficient method of teaching him.

MATRICULATION

Before attending any University exercise, each student must 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 years of age must present the written consent of his parents or guardian to the Dean.

Expenses 1968-1969

STANDARD CHARGES FOR FULL-TIME ATTENDANCE

	First Semester and January Term	Second Semester	Total per Year
Tuition (7 to 10 courses a year including January Term)	\$435.00	\$435.00	\$ 870.00
General Fee (Covers charges for library, health, athletic events, and non-academic stu- dent activities)	<u>60.00</u>	<u>60.00</u>	<u>120.00</u>
Sub-total (Applicable to both Day and Resident Students)	495.00	495.00	990.00
Board	250.00	200.00	450.00
Room	<u>170.00</u>	<u>170.00</u>	<u>340.00</u>
Total (Applicable to Resi- dent Students)	\$915.00	\$865.00	\$1,780.00

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 Fee	15.00
Transcript (After first one)	1.00
Late Registration	5.00
Late Payment (Each occurrence)	3.00
Service Charge	5.00
Physical Education Fee	5.00
Music Fee	45.00
Music Practice Fee (Non-Majors)	6.00
Graduate Record Examination	7.50

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 taking more than 4½ courses per term, excluding the January term, are charged at the same rate.

Any student who is permitted to enter school for the January Term and to engage in a *Project* will be assessed a tuition charge of \$120.00 for that *Project*. Room and board are charged, in addition, if the student resides on campus.

A \$25.00 Registration Deposit is required of each student to reserve a place in a dormitory or other housing accommodations. It is required that all new students, day and resident, 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 credited towards the school bill upon registration and is refundable to returning students only if notice of withdrawal from the University is given by July 1.

REGULATIONS GOVERNING PAYMENT OF COLLEGE BILLS

Arrangements for paying the bill for tuition, fees, room and board, either through cash-in-full or The Tuition Plan, Inc. are to be completed as follows:

- a. For first semester, including January Term, by August 24
- b. For second semester by January 15.

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 and their parents or guardians the opportunity of paying college expenses in installments during the school year. Details will be furnished upon request.

No student is eligible to attend classes or engage in any 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 FOR TUITION

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%.

REFUNDS FOR BOARD

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 Office for Student Affairs and the Business Office.

No reduction 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.



Financial Aid

A broad range of financial aid is available to those students who qualify for admission and demonstrate financial need. Financial assistance is provided through a combination of scholarships, grants-in-aid, loans and work opportunities. The financial aid program is administered by the Financial Aid Officer under the direction of the Financial Aid Committee. The selection of the type of funds used to meet the student's need is the responsibility of the Financial Aid Committee.

The services of the College Scholarship Service (CSS) are used to assist in the determination of financial need. The parents of each applicant seeking financial assistance are required to submit a copy of the Parents' Confidential Statement (PCS) to the College Scholarship Service, P.O. Box 176, Princeton, New Jersey 08540; P.O. Box 881, Evanston, Illinois 60204; or P.O. Box 1025, Berkeley, California 94701, designating Lincoln University as one of the recipients of the information. Forms may be obtained from the Guidance

Office of the secondary school, or the College Scholarship Service at one of the above addresses.

Candidates for admission should submit a Parents' Confidential Statement, and the Lincoln University Application for Financial Aid by April 1.

Financial aid is awarded on an annual basis and is renewable from year to year as long as the student remains in good standing and meets the renewal requirements. A student is in good standing if he is making normal progress toward a degree and has a satisfactory college record.

Candidates for renewal must submit a new Parents' Confidential Statement and a student application by May 1.

SCHOLARSHIPS

Scholarships ranging in amounts from \$100 to \$1,800 per year are available from University funds, along with a variety of funds provided by alumni, corporations, and foundations, depending upon the need and academic qualifications of the student. While preference is given to those with excellent records in accredited high schools 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.

PENNSYLVANIA SCHOLARSHIPS

The College grants Senatorial Scholarships amounting to \$350 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 \$800 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

Students who demonstrate unusual financial need may qualify for Educational Opportunity Grants. EOG's ranging in amounts from \$200 to \$800 are awarded in combination with National Defense

Student Loans or other forms of aid. Students are considered for these grants automatically when application is made for a University scholarship, and no separate application is needed.

SAMUEL B. ROBINSON SCHOLARSHIPS

These scholarships are granted in sums from \$50 to \$200 or more, to needy and worthy students who have recited correctly from memory the answers to the 107 questions in the Westminster Shorter Catechism.

NATIONAL DEFENSE STUDENT LOANS

This is a program of borrowing, primarily for needy students, in which the student has an obligation to repay his loan. A student may borrow up to \$1,000 a year if he qualifies academically and in terms of need. If a borrower becomes a full-time teacher in an elementary or secondary school or in an institution of higher learning, as much as one half of the loan may be forgiven at the rate of 10% for each year of teaching service. Borrowers who elect to teach the handicapped children or in certain eligible schools located in areas of primarily low income families may qualify for cancellation of their entire obligation at the rate of 15% per year.

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. Applications for these loans must be secured from the student's local bank. 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 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 various departments throughout the campus.

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.

VETERANS AND WAR ORPHANS INFORMATION

All students who plan to attend Lincoln under the provisions of a veteran's educational program are urged to apply to the appropriate agency for necessary authorization well in advance of their registration date. The Certificate of Education and Training should be submitted to the Registrar's Office at the time of registration. Veterans enrolling under P.L. 550 or 358 or a veteran's child enrolling under P.L. 634 should be prepared to pay all expenses in accordance with the University regulations inasmuch as payments are made directly to the veteran by the Veterans Administration. Recipients of such payments are advised to anticipate a delay of approximately two months before receiving the first payment from the sponsoring agency.



Prizes and Awards

The following prizes and awards 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 poetry of an excellent quality in *The Lincolnian*.

WILLIAM EICHELBERGER AWARD FOR CREATIVE WRITING is given to the student having written the best prose piece published in *The Lincolnian*.

THE HARRISON H. CAIN PRIZE (awarded in memory of his mother, Elizabeth Cain, and his brother, William C. Cain) to a member of the Junior Class who best exemplifies the ideals and characteristics of Lincoln University in both his academic and extracurricular activities especially in the field of religion and/or music.

INTERFAITH STUDIES AWARD awarded annually to the student who in the spirit of interfaith emphasis has done the most to serve the Center's variety of programs and projects by means of communication, personal participation and helpful cooperation.

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 intercollegiate 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 theater. 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 is awarded to the senior showing the highest proficiency in chemistry.

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 is 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 is 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 SHARON BIBEN MEMORIAL AWARD (given by the family and friends of Sharon Biben) to the woman student who in the opinion of a faculty committee best combines scholarship and outstanding service to the college community.

THE SILAS F. TAYLOR MEMORIAL PRIZE is given to the member of the graduating class with the highest average, who has attended Lincoln University for six or more semesters.

GENERAL PRIZES

THE HENRY W. B. CAMPBELL AWARD (given by Mrs. Campbell in memory of her husband, Lincoln, '03; Seminary, '06) is presented to one or more students who best combines 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 RABBI WEITZ AWARD is granted to the student who does most for interfaith, interracial and intergroup cooperation on a world level.

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 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.

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

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 the equivalent of 64 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 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.

THE THURGOOD MARSHALL LAW SOCIETY was founded on October 2, 1967, the day on which Mr. Justice Marshall took his seat on the Supreme Court of the United States. It sponsors lectures on and discussions of law as a profession.

THE TOLSON SOCIETY, named in honor of the late distinguished poet Melvin Tolson who graduated from the University in 1923, sponsors a variety of activities of literary and humanistic concern, among which is a regular discussion program.

STUDENT PUBLICATIONS include *The Lincolnian*, published twelve 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, and Phi Beta Sigma.

A CHAPTER of Alpha Phi Omega, National Service Fraternity was installed on the Lincoln campus in May 1967.

FACILITIES for co-curricular and student activities include the Student Union, the Chapel and Little Theater, the Auditorium, the Ladies Auxiliary Guest House, Ware Center, 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.

MUSIC IN THE COLLEGE

College students not majoring in music may take work in applied music on a noncredit basis and are invited to participate in the various musical organizations.

The University Vesper Chorale, a small selected ensemble of singers from the Department of Music, is open to interested and qualified students from the College. This group has its own repertory, accepts off-campus engagements and performs for the campus religious services. There is a stipend for these activities.

The University Chorus is open to all students of the college through auditions with the conductor. This group prepares music for major campus assemblies, special programs and a major tour during the second semester. Credit toward graduation is awarded each student who successfully completes the season.

The University Stage Band and the University Orchestral Ensemble are open to all qualified students through auditions with the director of instrumental music.

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.

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 once 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.

CENTER FOR INTERFAITH STUDIES

The Center for Interfaith Studies at Lincoln University was established in June 1967. The Center was organized to encourage and assist faculty and students in research in the field of religion and interfaith values. It sponsors on- or off-campus lectures, exhibits, institutes on a variety of themes, convocations and programs for the University on a monthly basis, as well as presentations of books and materials for the library in terms of resources for interfaith studies and cooperation.

THE ATHLETIC PROGRAM

The purpose of athletics at Lincoln University is to encourage all students to participate in some form of physical recreation. The intercollegiate program provides competition in eight sports and the intramural program offers a wide range of activities.

Lincoln University, a member of the Delaware Valley Conference, has varsity competition in baseball, basketball, cross country, golf, soccer, tennis, track, and wrestling. Membership in the N.C.A.A., N.A.I.A., E.C.A.C. and the IC4A offers the athletes a chance to compete in sectional and national championships.

Intramural competitions are held in touch football, basketball, softball, bowling, track, volleyball, badminton, tennis, and table tennis.

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 interest 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 three courses of academic work, may participate in co-curricular activities including varsity sports. To com-

pete in two varsity sports simultaneously, a student must have permission from the Dean 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., IC4A, 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.

Beginning with the 1969 spring term, group insurance with a private company will be available through the University as a supplement to coverage presently provided by the Health Service, and in lieu of insurance arranged on an individual basis by students and parents. Premiums for the coverage are to be met by the students or parents.

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. 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 unique opportunities 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.

SPECIAL PROGRAMS AND SERVICES

Lincoln University cooperates with and serves other area institutions through exchange of students or exchange of faculty. These programs have provided extramural as well as intramural enrichment in the subject matter fields of African History, Politics, Ethnology, Negro or Black History, Literature, and Fine Arts.

AMERICAN STUDIES INSTITUTE

The American Studies Institute holds an annual summer conference on the Lincoln University campus drawing both faculty and students from various parts of the country and abroad. The summer Institute offers advanced work in some special aspects of American life.

Most of the participants are teachers or professors from other institutions. While at Lincoln during the summer weeks, they participate in a program of lectures, demonstrations, field trips, and special panel discussions.

A number of Lincoln faculty members participate in the summer Institute which gives special emphasis to the cultural history of Black America.

INSTITUTE FOR COMMUNITY AFFAIRS

The Institute for Community Affairs was organized in 1967, supported by a grant from Title I of the Higher Education Act of 1965.

The aim of the Institute is to bring Lincoln University closer to the local communities which surround it. It serves as an instrument for continuing education, especially in majority-minority relationships, as an avenue for community service, as an innovator and stimulator of community action, and provides the community with University sources for research, consultation, and help in community endeavors.

COLGATE-LINCOLN PROGRAM

This is a program of enrichment which includes student and faculty exchanges during the regular term and the January interim. Joint student conferences, faculty lectures and consultations on academic matters are also a part of the program.

PLACEMENT CENTER

The Placement Center, located in the basement of Houston Hall, assists students with career and graduate school planning, provides summer employment opportunities for students, and invites to campus a number of representatives from industry and professional and graduate schools for job interviews with Seniors.

Graduates of the university are also encouraged to make use of this service provided by the Center.

LINCOLN-PRINCETON PROGRAM

This is a cooperative program between Lincoln University and Princeton University under Title III of the Higher Education Act which provides for faculty growth, through faculty exchange and graduate study, as well as for National Teaching Fellows to supplement instruction on the Lincoln campus.

The program also includes consultant services in administration and curriculum development as well as a provision for the intellectual and cultural enrichment of students through co-curricular activities.

THIRTEEN COLLEGE PROGRAM

This is an experimental educational program for thirteen selected colleges under Title III of the Higher Education Act and sponsored by the Institute for Services to Education (ISE).

The program provides for the training of teachers from each of the thirteen institutions involved, for curriculum and guidance material for the 50 to 100 students selected on each campus and for the cultural enrichment and orientation of new faculty.

BUILDINGS

VAIL MEMORIAL LIBRARY is centrally located on the campus. The capacity of the original library, as 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 more than 110,000 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 650 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, in addition to the entire library of the late Langston Hughes. The library also houses the Susan Reynolds Underhill Collection and three other collections of African art and artifacts.

WARE FINE ARTS CENTER 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 theater designed for easy conversion to each of the three main types of theatrical production (arena, open and proscenium arch); a studio of the fine arts, a combination lobby and gallery for art exhibits, fourteen small practice and listening rooms, offices for faculty members.

THE LIFE SCIENCES BUILDING erected in 1925 with funds contributed by the Alumni Association and other friends including the General Education Board and Mr. Pierre S. duPont, was doubled in size and completely modernized in 1968 with a grant from the Longwood Foundation, and is equipped for study and research in the life sciences including anthropology, biology, geology, and psychology. The building also houses a modern Computer Center.

UNIVERSITY HALL is a three-story brick structure built in 1891 and recently reconditioned for lecture and recitation purposes, and offices for faculty members.

WRIGHT HALL, built in 1960, is named in memory of Walter Livingstone 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.

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 Theater with a seating capacity of 200; and other facilities.

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

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

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, 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 1961-1962, houses the administrative offices including the offices of the president, the vice presidents, the provost, the deans, the registrar, admissions, business, financial aid, and other offices.

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.

DORMITORIES

The University buildings used as dormitories accommodate about 850 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.

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 six of the dormitories; commercial laundry facilities are available in nearby Oxford.

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

ALUMNI HOUSE, formerly used as a residence for the president of the University, now provides housing facilities for 18 students.

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 re-furnished 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.

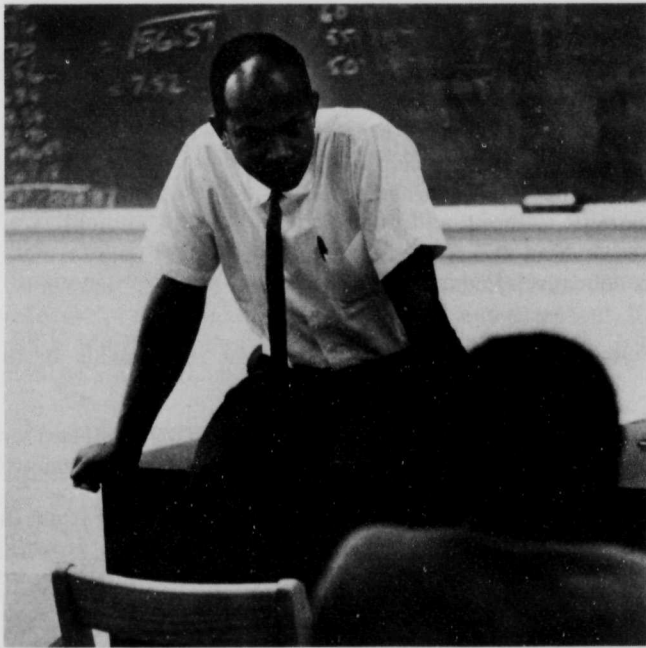
ASHMUN HALL was opened in 1966 housing 110 men.

A new dormitory was opened in 1967 housing 135 women, and a new dormitory was opened in 1968 housing 129 men.

FACULTY HOMES AND SERVICES FACILITIES

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

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





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 comprehensive examination in that field. This philosophy is reflected in the requirements for graduation outlined on page 52.

All students should therefore consult their faculty adviser before making a final choice of courses. Freshmen are assigned faculty advisers by the Dean and Registrar when they enroll based upon their vocational intent as expressed in their application for admission. In the event a student's vocational interest changes, the student is assigned another adviser in keeping with this changed interest.

In general, sophomores keep the same adviser they had as freshmen.

The responsibility of advising students on courses to pursue or to drop is that of the chairman of the major department but the student may be assigned to another member in the department by the chairman.

1. The normal load each semester is 4 courses plus physical education for men and a project in the January term. The minimum load to be registered as a full-time student is three courses. Students are not permitted to carry over four and one-half courses without the consent of their adviser and the approval of the Dean and Registrar. Extra tuition charges are levied for those who enroll with permission in more than four and one-half courses.

2. Students must consult with their faculty advisers 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 consent of the instructor and the Registrar, he will be given a failing 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 student's adviser 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 student's adviser and the consent of the instructor.

6. In the case of a student's 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. 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 four courses 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 Academic Standing.

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 catalog.

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 partial fulfillment of graduation requirements a major will consist of a maximum of twelve courses with a minimum cumulative average of 1.70 or better in the field. A general science major must complete four courses beyond the elementary course in one field, two courses 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 two courses 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 a 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 with the consent of his adviser and the Dean and Registrar.

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

Beginning with the school year 1968-69, Lincoln adopted the 4-1-4 program which calls for a first semester term of approximately fifteen weeks, a January term of four weeks followed by a second semester of approximately fifteen weeks. There is a Thanksgiving recess of four days, a Christmas recess of two weeks, and a recess of ten days following the January term. Midway during the second semester a spring vacation of one week is scheduled.

THE JANUARY STUDIES PROGRAM

The January Program gives a student the opportunity to explore any one of a variety of fields of knowledge according to his wishes, desires, interests and needs as he may determine them. There will be a great deal of opportunity for individual study. A student works on one project during the January period. Most of the projects will be on-campus but there will be opportunities for students to pursue group and individual projects off-campus. Although most projects will be suggested by faculty members, students are encouraged to create their own projects and devise their own methodologies. The main requirement is that the project will provide a substantial educational endeavor for the student.

A separate catalogue which lists the January projects and the conditions under which they may be taken is provided at the beginning of the school year.

RULES AND REGULATIONS

1. Satisfactory completion of a January project for each year at Lincoln is required for graduation; e.g., students entering as Seniors in September 1968, must complete one January project, Juniors two, Sophomores three, and Freshmen four.
2. All evaluation for work done in the January Program will be on the scale of Pass (P)—Fail (F).
3. No student may offer work done in the January Program as course credit in the regular term.
4. No student may enroll, during his tenure at Lincoln, in more than two January courses in his major field, except by permission of his department chairman and the Provost.
5. A student's January Program must be approved by his regular adviser and the faculty member involved where permission is required.

6. Students are required, except in cases of off-campus student groups, to be in residence during the month of January. Any student desiring to study off-campus must have the specific written permission of his parents. This provision may be waived for students who are over 21 years of age and are self-supporting. Under normal circumstances, the student desiring off-campus study privileges must have at least Sophomore standing.

7. A student or group of students who wish to work on a project which is not listed in the catalogue may do so if a faculty member will approve the plan and agree to supervise it.

8. All full-time students are required to work on a project in the January Program.

9. If a student could not take the January Program because of illness or if he fails the January Program, he must make it up in summer school. His intent must be registered with the Registrar. He must secure the approval of the departmental chairman in his major field or if he is an underclassman, his adviser. If his adviser is not available he must secure the permission of the Provost.

10. If a student fails to do a January Program he must come back to take a project in another January Program in another year.

Failure to do a project means:

- A. A student does not sign up for a project.
- B. After signing up he does not report to the project.
- C. He drops a project.
- D. He flagrantly declines to do the work required by the project.

Interpretation of these regulations rests with the Committee on Academic Standing. Any appeal is decided by this body.

EXAMINATIONS

Two series of stated examinations are held each year; the first semester examination in December and final examination 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 and Registrar.

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 either 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 and Registrar 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 result of this re-examination. Re-examinations may be written, oral, or both.

GRADES AND ACADEMIC STANDING

Lincoln began a new grading system in 1967 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 (4.0) is equivalent to 1.0 (old system), B (3.00) to (2.00). C (2.0) would represent 3.0, D (1.0) 4.0, and F (0) represents 5 (failure).

Grades earned during the January term shall be on a Pass (P)-Fail (F) basis and thus will not be figured in determining the student's cumulative average.

Courses offered by the various departments are weighted as follows: 4 for a full course, 3 for a three quarter course, 2 for a half course and 1 for a quarter course.

The general standing and rank of a student, academically, is determined by multiplying the numerical grade received in each course by the weight attached to the course and dividing the sums of such products by the total weight. The total number of courses completed will be the sum of the course weights divided by four.

Instructors are expected to turn in all grades at the end of each semester to the department chairman within 48 hours of the final examination in the case of Seniors, and within 72 hours for all other students.

Instructors shall not record "Incomplete" grades unless there is verification of illness, death in the family, or some unusual circumstance. In all such cases the instructors must report the reason for the Incomplete grade and the time in which the work is to be completed, to the chairman of the department and to the Dean and Registrar. Verification of illness and other extenuating circumstances must be in writing and are the responsibility of the student.

Instructors who report Incomplete grades, to assist the faculty adviser and the student, must include a grade in parenthesis which reflects the quality of the work completed by the student, thusly: "I (D)."

Incomplete grades automatically become "F" one month after the close of the semester or term in which recorded, and the Registrar is authorized to record this change on the permanent record of the student.

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) or 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 Humani-

ties 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 8 semester courses and one January project.

Sophomores: those who have completed from 8 to 16 semester courses and one January project.

Juniors: those who have completed from 16 to 24 semester courses and two January projects.

Seniors: those who have completed more than 24 semester courses and three January projects.

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.

The Committee on Academic Standing, in cooperation with the Registrar and faculty adviser, shall have the power to determine course requirements for graduation for those students who have not made normal progress, with the provision that each case shall be considered on its own merits.

As far as possible, students shall be expected to satisfy the course requirements for graduation in force at the time of their entrance, but no student shall be prevented from graduating as a result of the transition if the schedule makes it impossible to meet the course requirements that were in effect when his class entered.

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 a course.

3. Irregular attendance may affect the student's grade, in view of the continuing relationship that exists between classroom participation and total course performance.

4. In all 100 and 200 level courses students shall be permitted no more absences from class than fifteen percent of the scheduled meeting times for the semester (7-10 absences). Absences in excess of those allowed shall result in the loss of course credits or portions thereof, according to the following schedule: one or two absences in excess of those allowed shall result in the loss of a quarter course credit; three or four absences in excess of those allowed shall result in the loss of a half course credit; five or six in excess of those allowed shall result in the loss of three quarters of course credit; seven or more in excess of those allowed shall result in the loss of a full course credit.

Students on the Dean's List shall be exempt from the above regulation.

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 and Registrar. 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 may not carry more than three and one fourth ($3\frac{1}{4}$) courses.

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 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.

Readmission after academic suspension shall be considered only upon written application by the student to the Committee on Academic Standing.

REQUIREMENTS FOR GRADUATION

Starting with the Freshman Class entering in September 1968, the minimum requirements for graduation from Lincoln University shall include the following.

1. Four semesters of a prescribed course in the humanities; three semesters of which shall be interdisciplinary in character, the fourth semester composed of core courses in philosophy-religion, and music-art.

2. Three semesters in three separate disciplines in the Social Science division. An interdisciplinary course may serve as one option in meeting this requirement.

3. Satisfactory completion of the second-year level of college work in a language other than English, as evidenced either by completing second-year courses or by satisfactorily passing a proficiency examination approved by the appropriate language department.

4. A minimum of three semesters in the division of Natural Sciences and Mathematics, two semesters of which must be in a single laboratory science and the third of which must be in a mathematics course at the 102 level or above.

5. Four semesters of physical education for male students as now prescribed.

6. The passing of a comprehensive examination in the major field or a prescribed achievement norm in the Advanced Test of the Graduate Record Examination in the major field.

7. A major field of study in which 8 to 12 courses have been completed with a grade average of "C" or better.

8. The completion of 9 to 13 elective courses.

9. The satisfactory completion of four January term projects with a grade of "Pass."

Upon the satisfactory completion of 32 academic courses with a minimum grade average of 1.70 and four January term projects the student will be 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 *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 Theater, 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 (students are not allowed to reproduce, copy, tamper with or alter in any way or form, any writing, record, document or identification form used or maintained by Lincoln University) will be reported to and recorded by the Provost. 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; 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 accommodations of visitors, other than dormitory guests, must be reported in advance to the Office of the Assistant Dean of Students.

9. Students are expected not to use or have in their possession any drug which is normally prescribed by a physician, without a physician's prescription.

10. Resident Freshmen and Sophomores are not permitted to have automobiles on campus.

11. All students are required to live in dormitories and board on campus unless permission is granted by the Vice-President for Student Affairs in consultation with the Dean and Registrar. The exceptions to the above are:

- a. Students living at home with their parents or legal guardian within a 25-mile radius of the campus.
- b. Married students who have established their own family household.
- c. If the dormitories are full and an approved home is available.

12. Guests of the opposite sex are not permitted to visit dormitory rooms without permission from the Vice-President for Student Affairs. Regulations will be issued governing visiting in dormitories on special occasions. To assure satisfactory facilities, all social events must be planned in collaboration with the Office of the Vice-President for Student Affairs.

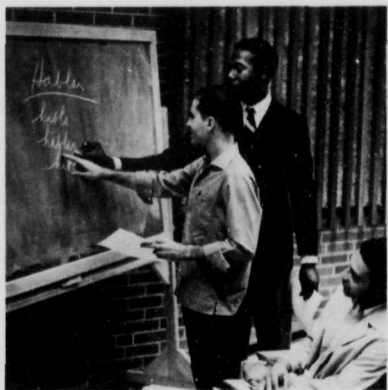
13. No changes in electrical wiring, structural changes or redecorating in dormitory rooms are permitted or additional appliances installed or used without the approval of the Director of Physical Plant. All authorized electrical work must be done by an electrician

designated by the University. Unauthorized fixtures and appliances will be confiscated. Officials of the University have the right to inspect any room occupied by students.

14. The University cannot be responsible for the personal property of students and is not responsible for accidents or injuries in connection with unauthorized activities.

Resident halls will be closed during vacation periods. Special arrangements must be made by the student with the Office of the Vice-President for Student Affairs for University accommodations during such periods. Requests for this type of accommodation must be made at least two weeks prior to the vacation period.







Programs of Study

The 4-1-4 program is arranged so that each student enrolls in four courses during the fall semester and the spring semester with a January interim in which a single project is undertaken.

The program is designed to give flexibility in the selection of courses in the area of general education and students are advised to make these selections carefully and with the help of their adviser.

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 52) 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.

<i>Freshman Year</i>	<i>Sophomore Year</i>
Humanities 101-102	Humanities 201-202
Foreign Language or Social Studies	Foreign Language
Laboratory Science	Social Studies
Mathematics 102 or above	Elective

Physical Education is presently required of all freshman and sophomore men.

For juniors and seniors the course selections will be largely determined by the department in which they have been accepted as majors. The student, however, is responsible for meeting the requirements for graduation as listed on page 52.



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, Aerospace Engineering, Agricultural Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering or Metallurgical Engineering.

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).

First Year
Humanities 101-102
Foreign Language
Laboratory Science
Mathematics or Social Science
Physical Education (for men)

Third Year
General Psychology
Social Science
2 or 3 courses in major field:
Economics, History,
Philosophy, Political Science,
Religion, Sociology

Second Year
Humanities 201-202
Foreign Language
Social Science or Mathematics
Elective
Physical Education (for men)

*Fourth and Fifth Year
at American University*
2 or 3 courses in major field in
fourth year
Fifth year will be planned by the
student in cooperation with his
major adviser at American Uni-
versity
Depending upon the program se-
lected 4 or 5 courses of work
toward major must be com-
pleted at Lincoln

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 sociology.

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>Credits</i>	<i>Lincoln University Equivalent Courses</i>
Chemistry	12	
Physics	8	Chemistry101-102, 203-204
Biology	8	Physics101-102
English Composition	6	Biology103-104
English Literature	6	Humanities101-102, 201-202
Foreign Language	6	French or German 101-102, 201-202
Electives	20	

Recommended Subjects

Biology	201-202, 301-302
Psychology and logic	201 and 103
Algebra and trigonometry	103-104
Chemistry	201-202, 301-302

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 WELFARE CAREERS

Students interested in preparing for positions in the field of social welfare may choose to concentrate on social work (with emphasis on group work and community organization) or on corrections (with emphasis on juvenile delinquency). The Lincoln approach is that students in the field of social welfare should be equipped with theoretical as well as practical knowledge. The social welfare field should be viewed not only as a job to be well done, but also as an opportunity to exercise social vision disciplined by critical ability.

The program for all sociology-anthropology majors applies, with electives chosen appropriate to the selected concentration or combination of concentrations. For social welfare concentrations, many courses will involve field experience, and some will be linked to projects being undertaken by the Institute for Community Affairs. Such courses include Sociology 310, 311, 312, 313, 314, and 315.

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 is the initial certificate issued in Pennsylvania. It enables



the holder to teach in any public high school of the Commonwealth. The applicant must be a graduate of a college or university which has "approved" programs. Lincoln has program approval in ten subject areas. The applicant must have a major in a subject field and he must complete six courses in education. He must take the two courses in Practice Teaching.

It is also possible for the student to qualify for high school teaching in other states by adapting his electives in education to include the subjects required. For details of these requirements consult the 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 ECONOMICS & BUSINESS ADMINISTRATION

Students interested in a career in business or economics may complete a major in this field. The program of studies is developed in consultation with the student's adviser in the Department of Economics.

Four-year program for Economics and Business Administration major

FRESHMAN

First Semester
 Humanities I
 Modern Language
 Natural Science
 College Algebra
 *(Physical Education)

Second Semester
 Humanities II
 Modern Language
 Natural Science
 Trigonometry or Elementary
 Calculus
 *(Physical Education)

SOPHOMORE

Humanities III
 Modern Language
 Elementary Accounting
 Principles of Economics
 *(Physical Education)

Humanities IV
 Modern Language
 Elementary Accounting
 Quantitative Methods
 *(Physical Education)

*For men only

For Economics

JUNIOR AND/OR SENIOR

Social Science
 Price Theory I
 American Economic Development
 Monetary-Fiscal Economics
 World Economic Development
 Problems of Economic
 Development
 Problems of International
 Management
 Managerial Economics
 Senior Seminar
 Social Science
 Income Theory II

Economics of Negro Development
 Government and Industrial
 Organization
 Economics of Tropical Africa
 World Trade and Financial
 System
 Economic Development of
 Asia/Latin America
 Problems of International
 Management
 Labor Economics and Labor
 Relations
 Senior Seminar

For Business Administration

JUNIOR AND/OR SENIOR

Intermediate Accounting
 Cost Accounting
 Managerial Economics
 Price Theory I
 Monetary & Fiscal Policy
 Problems of Economic
 Development
 American Economic Development
 Problems of International
 Management
 Social Science
 Intermediate Accounting
 Business Law
 Principles of Marketing

Income Theory II
 Government and Industrial
 Organization
 Economics of Tropical Africa
 World Trade and Financial
 System
 Economic Development of
 Asia/Latin America
 Problems of International
 Management
 Labor Economics and Labor
 Relations
 Senior Seminar
 Social Science

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 school. 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. Four courses 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.

FRESHMAN

Humanities
Foreign Language
Social Science
Biology
Physical Education

SOPHOMORE

Humanities
Foreign Language
Anatomy
Introduction to Education
Physical Education Activities
I and II
Physical Education

JUNIOR

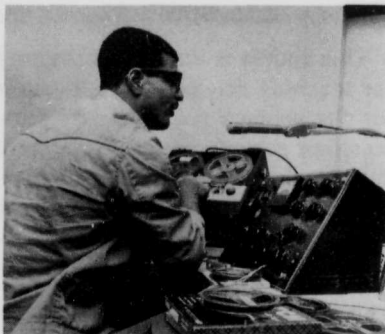
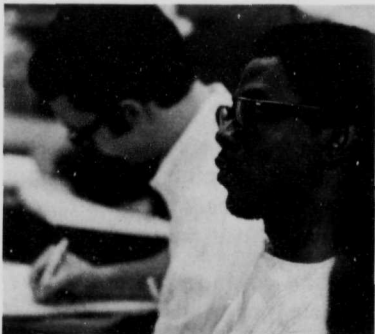
Philosophy and Principles
of Physical Education
Mathematics
Physiology of Exercise
Physical Ed. Activities III

Health Services and Instruction
Educational Psychology
Analysis of Motion
Physical Ed. Activities IV

SENIOR

Organization and Administration
of Physical Education
Care and Prevention of Injuries
& Conditioning
Methods of Teaching Physical
Education

Elective
Leadership in Community
Recreation
Adapted Physical Education
Tests and Measurements
Elective



XI. MUSIC AND MUSIC EDUCATION

MUSIC EDUCATION MAJORS

The courses offered in Music Education are designed for the preparation of qualified teachers of Music in secondary education. Each student choosing this curriculum will select an applied music major in voice, piano, organ, or orchestra instrument. Students must declare a curriculum emphasis in either (1) vocal music, (2) instrumental music, or (3) a combination of these areas.

Entrance Requirements

Prior music study is expected. *Potential music majors must be auditioned in person, or via taped performance.* All students must present a proficiency in some area of applied music. In order to determine the current state of proficiency, a second audition will be held during Orientation Period.

Students must bring their own choice of music. Preferably music presented for audition should be sung and played from memory. A student with some significant deficiencies should plan (1) to make up such work in the summer and/or (2) should plan to work beyond the normal four-year period.

Music education majors presenting areas of applied music other than piano and voice for entrance must audition in piano and voice, since both of these areas are required of all music majors.

Students not completing this requirement in any area of applied music will be held in this category until the requirements are completed. This remedial work will be done without credit.

Before the end of the Sophomore year, departmental approval must be secured in order to continue in the major. Forms for this approval may be obtained from the department office. For further information consult the Department of Music brochure.

FRESHMAN

First Semester	
Subject	Course
Humanities	1
Language	1
Math	1
Music 105 (Theory)	3/4
Applied Music	
Major Medium	1/4
Minor Medium	1/4
Total	4 1/4

INTERIM

Second Semester	
Subject	Course
Humanities	1
Language	1
Music 106	3/4
Applied Music	
Major Medium	1/4
Minor Medium	1/4
Total	3 1/4

SOPHOMORE

Humanities	1
Language	1
Intro. to Ed.	1
Music 201 (Theory)	3/4
Music 203 (Survey)	1/2
Applied Music	
Major Medium	1/4
Minor Medium	1/4
Total	4 3/4

INTERIM

Humanities	1
Language	1
Ed. Psych.	1
Music 202 (Theory)	3/4
Music 204 (Survey)	1/2
Applied Music	
Major Medium	1/4
Minor Medium	1/4
Total	4 3/4

JUNIOR

Science	1
Sec. Ed. Methods	1
Music 305 (Counterpoint)	3/4
Music 307 (Choral Conducting) or 308 (Instrumentation and Orchestral Cond.)	3/4
Applied Music	
String Class	1/4
Major Medium	1/4
Minor Medium	1/4
Total	4 1/4

INTERIM

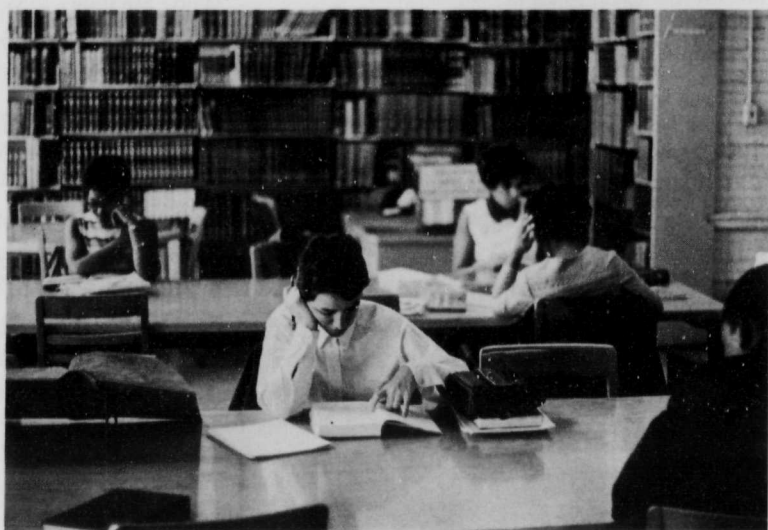
Science	1
Test and Measurements	1
Music 306 (Form and Analysis)	3/4
Music 405 (Sec. Music Methods)	1
Applied Music	
Woodwind Class	1/4
Major Medium	1/4
Minor Medium	1/4
Total	4 1/2

SENIOR

Social Science	1
Music 405 a/g (Music Methods)	3/4
Applied Music	
Brass Class	1/4
Major Medium	1/4
Minor Medium	1/4
Music 303 (Hist. of Music)	3/4
Elective	1
Total	4 3/4

**INTERIM
(Practice Teaching)
2**

Social Science	1
Music 405 a/g (Music Methods)	3/4
Applied Music	
Percussion Class	1/4
Major Medium	1/4
Minor Medium	1/4
Music 304 (Hist. of Music)	3/4
Elective	1
Total	4 3/4



Courses of Instruction

Beginning 1968-69 all courses are equivalent unless otherwise designated. Courses normally meet four times per week or the equivalent thereof. In general, all courses carry four semester hours credit under the old system.

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 the second semester.

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

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
 - Political Science
 - Sociology and Anthropology
 - Education
 - Psychology
 - Economics and Business
 - Physical Education

For regulations concerning electives and major studies see pages 43-45.

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.

DIVISIONAL COURSES**101-102, 201-202. Humanities.**

This interdisciplinary study of the humanities is divided into three main segments, which are intended to strike a balance between comprehensiveness and concentration: (1) a general interdisciplinary study emphasizing verbal skills (3 semesters), (2) a concentration in art-music, 28 class hours, (3) a concentration in philosophy-religion, 28 class hours.

ENGLISH LANGUAGE AND LITERATURE

Messrs. Farrell, Andrews, Bellone, Budbill, Gioia, Groff, Peterson, Putnam, Rao, Redding, Scanlan, C. J. Trotman, Wilcox, Woodson, Mrs. Budbill, Miss Draper, Mrs. Rivero, Mrs. Russo

Requirements for an English major: Completion of 10 semester courses in English in addition to Humanities 101-102 and 201-202. The English major is advised to include History of England, Public Speaking and Introduction to Philosophy among his electives.

101-102. English Composition.

Replaced by Humanities 101-102 and 201-202.

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 present (during the second semester). Such authors as Homer, Sophocles, Euripides, Virgil, Dante, Chaucer, Cervantes, and Shakespeare are discussed the first semester; and Milton, Voltaire, and Wordsworth in the second semester.

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 Edwards, 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 Whitman, Twain, Howells, James, Crane, Frost, Eliot, Lewis, Faulkner, and Hemingway.

(Offered in 1969-70 and alternate years)

303. Old English Literature.

The course provides background information on the origin of the English language and includes the reading of *Beowulf* and some elegiac, heroic, and religious poetry. Some prose passages are read in Anglo-Saxon.

(Offered in 1969-70 and alternate years)

304. Middle English Literature.

The course provides background information on medieval thoughts, Middle English literary conventions, and the effect of the Norman Conquest on the English language. *Troilus and Criseyde* is read in Middle English, *Sir Gawain and the Green Knight* and sections of *Piers Plowman* are read in translation.

(Offered in 1969-70 and alternate years)

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 1969-70 and alternate years)

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, and Burns, are emphasized and consideration is given to the rise of the novel.

(Offered in 1969-70 and alternate years)

307. Romantic Literature.

With primary emphasis on the reading of the poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats, the course attempts to illuminate the revolution in poetic taste and aesthetic attitudes in the early nineteenth century. The work of the major poets is amplified by readings in significant literary criticism of the period.

(Offered in 1969-70 and alternate years)

308. Victorian Literature.

The essential modernity of Victorian literature is explored through a study of the themes and verse techniques of Tennyson, Arnold, Meredith, Hopkins, Hardy, and the Pre-Raphaelites. Key prose writers such as Carlyle, Mill, Arnold, Newman and Ruskin are read for insight into the major preoccupations and conflicts of the age.

(Offered in 1969-70 and alternate years)

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.

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 1968-69 and in alternate years)

313-314. Latin and Greek Elements in English.

See Linguistics 313-314.

315-316. Dramatic Literature.

An intensive study is made during the first semester of the Golden Ages of the theater 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 Theater of France. During the second semester a study is made of the emergence of realism, naturalism, symbolism, expressionism, and the "theater of the absurd," in representative plays of the modern theater from Ibsen and Strindberg through Beckett and Duerrenmatt.

(Offered in 1969-70 and alternate years)

319-320. Negro Writing in America.

The purpose of this course, which will trace the development of writing by Negroes from Jupiter Hammon and Phyllis Wheatley to James Baldwin and Ernest Gaines, is to increase the knowledge of and the appreciation for the special and particularized experience of being Negro in America, as that experience is reflected in works both by and about Negroes. The principal emphasis will be on literature by Negroes.

401. Shakespeare: Literary Apprenticeship and Development.

Shakespeare's development as an artist is studied against the background of Elizabethan life, literature, and theater. Representative works of drama and poetry will be studied closely to suggest Shakespeare's emergence as the foremost dramatist of his time. General chronology of Shakespeare's work will be observed, but emphasis will be placed upon the thematic relationships and the mastery of dramatic technique.

(Offered in 1968-69 and in alternate years)

402. Shakespeare: The Mature Years.

An intensive study of the major tragedies as well as examples of the problem plays and the late comedies. Shakespeare's concept of tragedy will be compared to ancient and modern theories.

(Offered in 1968-69 and in alternate years)

403. The British Novel: Defoe to Scott.

A study of the emergence of the novel as a literary genre in the eighteenth century with special attention given to the significant tendencies in the narrative fiction of the period: the sentimental novel, the heroic novel, the picaresque novel, the novel of manners, the gothic romance, and the romantic "historical" novel.

(Offered in 1969-70 and in alternate years)

404. The British Novel: Dickens to Conrad.

A study of the novel as the dominant literary form in the latter half of the nineteenth century and in the early years of the twentieth century. Significant thematic patterns as well as innovations in literary form and technique will be studied closely in the work of representative novelists. Continental influences, especially French and Russian, upon the British novel will be considered.

(Offered in 1969-70 and in alternate years)

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 1968-69 and alternate years)

406. Modern Fiction.

A study of the technique, 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 1968-69 and alternate years)

411. Seminar in English Literature.

Designed to permit instructors in English literature to offer in-depth treatment of various authors, topics, or literary views.

412. Seminar in American Literature.

Designed to permit instructors in American literature to offer in-depth treatment of various authors, topics, or literary views.

Open to juniors and seniors.

(Offered in 1968-69 and alternate years)

Since there may be pre-requisites for some seminars, no student should sign up for either 411 or 412 before consulting the Chairman of the Department of English.

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 1969-70 and alternate years)

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 1969-70 and alternate years)

CLASSICS AND LINGUISTICS

Messrs. Schwartz, S. G. Stevens, Weitz,
Mrs. Grant, Mrs. McGhee, Miss Matheka

The department aims to prepare the student for the study of any language, especially Latin and Greek, and more significantly, to become more articulate in his/her own language. Attention is directed (a) to the structure of language in general, and the position of the classical languages in the Indo-European language family and (b) to readings, lectures, and reports on the cultures and literatures of the languages under study. Languages other than the modern European languages also fall within the purview of the department, such as African languages and self-study languages. Majors in classics will take eight courses beyond the elementary year. History 201-202 (Ancient Civilization) must be taken by majors. Students preparing to teach or enter upon graduate study in classics must take the 400 level seminar course.

LATIN**101-102. Elementary Latin.**

The mastery of forms, vocabulary, and syntax; principles of language study; Latin derivatives in English. Early in the second semester students will translate selections from Caesar.

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: 101-102 or the equivalent

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

304. Latin Literature in Translation.

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

Given on demand

401-402. Plautus and Terence.

Given on demand

403-404. Advanced Latin.

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

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.

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

301-302. Greek Drama.

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

Given on demand

303. Greek Literature in Translation.

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

Given on demand

401-402. Advanced Greek.

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

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.

101-102. Swahili.

First year Swahili. Basic oral-aural comprehension. Five hours per week, combination of class hours and language laboratory.

201-202. Swahili.

Advanced Swahili. Preparation for oral examinations on U.S. State Department level of 2+. Five hours per week combination of class hours and language laboratory.

313. The Latin and Greek Elements in English.

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

First semester

314. Introduction to Linguistics.

A study of current linguistic theory; a survey of the principal language families of the world, ancient and contemporary.

Second semester

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 may take the course only by permission of the instructor.

Given on demand

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

101-102. Russian.

Basic grammar with stress on fluency and comprehension.

MODERN LANGUAGES AND LITERATURES

Messrs. Kuehner, Boyd, Fuste, Grubb, Sygoda,
Miss Berman, Mrs. Casas, Mrs. Memming

FRENCH LANGUAGE AND LITERATURE

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

101-102. Elementary French.

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

201-202. Intermediate French.

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

Prerequisite: French 101-102 or equivalent

301-302. Advanced Composition and Conversation.

Development of a practical mastery of the French language, according to current usage, both oral and written. Systematic drill to review grammar and usage and to develop conversational ability. Intensive study of contemporary texts, with both oral and written discussion of them in French.

Prerequisite: French 201-202 or its equivalent

303-304. Survey of French Literature.

From the origins to, but not including, the contemporary period.

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

GERMAN LANGUAGE AND LITERATURE

101-102. Elementary German.

Grammar, easy reading, dictation. Oral work with the use of tapes.

201-202. Intermediate German.

Reading of modern German texts, and grammar review.

Prerequisite: German 101-102 or its equivalent

301-302. Advanced German.

Advanced grammar, dictation, and reading.

Prerequisite: German 201-202 or its equivalent

Given on demand



SPANISH LANGUAGE AND LITERATURE

Requirements for a Spanish Major: six semesters of course work beyond the 200 level including Spanish 401-402, Modern European History, one year of college level work in Latin or its equivalent. Recommended courses include additional study in another modern foreign language, Philosophy, advanced study in American or English Literature.

101-102. Elementary Spanish.

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

201-202. Intermediate Spanish.

Review of grammar; dictation, reading, and conversation.

Prerequisite: one year of college or two years of high school Spanish.

301-302. Advanced Spanish.

Modern Spanish and Latin American literature (1860 to the present). Selected readings from the major authors. Written reports. Advanced conversation.

303-304. Advanced Spanish.

Spanish literature of the 18th and 19th centuries and Advanced Composition.

305-306. Advanced Spanish.

Spanish literature from its origins until 1700 and Phonetics. Selected readings from the classics of Spanish literature and intensive oral work with pronunciation drills in the language laboratory.

401-402. Senior Seminar.

The great works of Spanish literature will be read in their entirety. They will be discussed in class in Spanish. Students will be required to study a history of Spanish literature.

For Spanish majors only

PORTUGUESE

101-102. Elementary Portuguese.

There are no prerequisites. This course is open to students who have had no Portuguese. Emphasis will be placed on the elements of grammar and good pronunciation habits. There will be conversation to strengthen oral-aural abilities.

MUSIC

Messrs. Suthern, Emery; Mrs. Slocum, Mrs. Faulcon, Mrs. Mapp

The purposes of the Department of Music are (1) to acquaint the general college student with a broad sampling of the various forms of the art, (2) to develop a sense of understanding of music, (3) to contribute, through concerts and recitals, to the general cultural life of the community, and (4) to give professional preparation in the field of music and music education.

101. Introduction to Music.

A course designed to provide 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.

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 Vesper Chorale, the University Chorale and the Glee Club.

105-106. Elementary Theory.

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, nonharmonic tones, simple modulations, dictation, sight reading, simple analysis and form, and original work in the elementary forms.

Prerequisite: The ability to read music and simple pianistic ability

201-202. Advanced Theory.

Essentials of advanced harmony, chromatic alternations, modulations, analysis of master works and original compositions; problems in elementary counterpoint; keyboard harmony.

203-204. Survey of Musical Literature and Styles.

Required course for music majors and will satisfy the University requirement in Music. Open to all other advanced nonmajors or others interested with consent of the chairman of the Music Department.

305. Counterpoint.

The development of contrapuntal writing technique, in two, three, and more voices.

Prerequisite: Music 201-202

306. Form and Analysis.

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

303-304. History of Music.

Survey of Music from the beginning of Western Civilization to the present. 303—Music before 1750; 304—Music after 1750.

Prerequisite: Music 203-204

331-332. 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

307-308. Conducting.

The basic general techniques in the art of conducting followed by the specific disciplines for Choral Conducting (307), and Orchestral Conducting (308), and instrumentation-orchestration.

Prerequisite: all "200" Music Department courses

313. Jazz in American Culture.

Introduction to the origins, development and present trends in this distinctly American Art Form.

405. Methods of Teaching High School Music.

Study of current literature and practice in music education.

405a. Methods of Teaching Stringed Instruments.**405b. Methods of Teaching Wind Instruments.****405c. Methods of Teaching Piano.****405d. Methods of Teaching Organ.****405e. Methods of Teaching Reed Instruments.****405f. Methods of Teaching Percussion Instruments.**

405g. Methods of Teaching Voice.

405h. Methods of Teaching Choral Music.

407. Workshop in Church Music.

Special class to meet Saturdays (9-11 a.m.) (10-12 a.m.). Planning for 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.



COURSES IN APPLIED MUSIC**107-108.* Elementary Piano.**

This is the beginning course in piano study. At the end of the first semester the student shall have completed at least two beginning books such as John Thompson, Michael Aaron; major and minor scales—two octaves. At the end of the second semester the student shall have completed major and minor scales, four octaves; Czerny type short studies; Bach for Beginners—Little Preludes and Fugues. Simple Chord Progressions (I, IV, V, I) in all keys.

207-208.* Intermediate Piano.

Scales—four octaves in all keys, major and minor; easy sonatinas by Mozart, Beethoven, Clementi, etc. Simpler Chopin Preludes, easier classics by Schubert, Beethoven, Haydn. Comparable keyboard materials.

309-310.* Lower Advanced Piano.

Bach Two Part Inventions, Three Part Inventions and/or Well Tempered Clavier; Scales—major and harmonic minor in all forms. One sonata by Beethoven, Schubert, Mozart, etc. Modern Composers such as Barber, Persichetti, Hindemith, Prokofiev. Junior half recital.

401-402a.* Advanced Piano.

Continuing the program of Junior year with specific preparation for the Senior recital.

111-112.* Elementary Organ.

Manual and pedal techniques: First semester completion of such beginning materials as Peeters' *Ars Organi*, Carpenter's *Basic Organ Technique*; Most of Gleason *Organ Method*; Johnson *Organ Methods*. Second semester completion of latter two methods and materials from Bach *Little Organ Book*, *Little Preludes and Fugues*.

211-212.* Intermediate Organ.

Manual and pedal technique; Bach *Little Organ Book Little Preludes and Fugues*, Trio Sonatas; Studies comparable to Dupre *79 Choral Preludes*, Vierne *24 Pieces in Free Style*.

311-312.* Lower Advanced Organ.

Bach—Selected Preludes/Toccatas and Fugues and other compositions from the Baroque Period. Sonatas by Mendelssohn-Franck. Junior half recital.

403-404.* Advanced Organ.

(a, b, c, d)

Bach—Selected works from the master period; modern compositions and contemporary composers.

VOICE AS A MAJOR STUDY

Students who have good vocal potential (pleasant voice, good ear, musical intelligence) and an interest in solo performance and the teaching of voice may elect a major in this field. AN AUDITION TO OBTAIN THIS STATUS IS NECESSARY.

VOICE AS A MINOR STUDY

For all students for whom voice is a second subject, necessary in the area of Music Education, the goal of the course is to improve the singing voice, rather than solo performance. Songs in English may be substituted for foreign literature.

109-110.* Elementary Voice.

Intensive work on tone quality, diction, range with vocalization materials selected at the discretion of the instructor and level of the student. Students should complete five new songs memorized each semester from a broad field.

209-210.* Intermediate Voice.

Technical studies continuing previous level in diction, range, tone quality, breathing. Added stress on agility, more difficult song material. Students shall complete five new songs from a broad range of vocal material each semester including arias from Bach, Handel, Mendelssohn and Art songs of the 10th Century.

315-316.* Lower Advanced Voice.

Continuation of technical study. Preparation of junior recital. German Lieder. Intense study of vocal interpretation. Eight new songs per semester.

407-408.* Advanced Voice.

(a, b, c, d)

Advanced vocal techniques and literature. Preparation of senior recital. A Voice major should have a minimum of forty memorized art songs.

* Students not completing this requirement in any area of applied music will be held in this category until the requirements are completed. This remedial work will be done without credit.

FINE ARTS

Messrs. Fishwick, Bergman, Felch, Putnam, Pyros, Wilcox

The 101 and 103 courses are arranged so that students seeking one-half course credit to meet the old catalogue graduation requirement may do so.

Personal conferences, visits to museums and theaters, informal gatherings, and formal symposia are devices by which we expect to supplement these offerings.

101. Introduction to Painting.

This course examines the importance of painting in western culture from the cave to Pop Art. A general knowledge of the historical evolution of western painting, awareness of form, and the expansion of the individual's visual sensibility are its goals. Trips to important collections will be arranged.

103. Introduction to Architecture.

This course examines man's buildings, both private and public, as historical monuments and works of art. The influence of geography, nationalism and technology on architecture will be stressed. Slides, models and field trips will be used.

105. Introduction to Sculpture.

This course surveys sculpture from ancient fertility forms to the kinetic and minimal art of today. The general influence of technology and science in recent years will be stressed. Slides, demonstrations and workshops will be employed.



107-108. Art Studio (Painting).

An elective course in painting in which both beginners and advanced students may participate. Problems involve working in several media (oil, water color, and acrylics) from landscape, still-life, and live models.

109-110. Art Studio (Graphics, Sculpture and Ceramics).

Concentrated and approximately equal periods of time will be spent in the creation of work in the graphic arts, sculpture (wood, metal, and clay) and ceramics. Both beginners and advanced students may participate. Finished work will be exhibited on the campus and in the region.

111-112. Theater Workshop (Elements of Theater Art).

The study and practice of the arts of the theater including visual reinforcement of representative plays through diagrams, plans, and elevations; construction, painting, rigging, lighting, sound and visual effects, direction, and stage management. Practical application will be found in guest performances, informal workshop projects, and the formal production of the Lincoln University Players.

113-114. Theater Workshop (Acting).

The study and practice of acting as an art form involving an increased command of voice, body and the underlying emotions in oral interpretation, improvisation, pantomime, characterization, and the formal and informal presentation of dramatic programs, one-act, and full-length plays.

203. Introduction to Theater Arts.

A study of the changes in the physical theater and the conventions of the stage, in relationship to the development of drama. This course is designed to develop an understanding of the theater as an art form and social institution.

204. Introduction to Cinema Arts.

The history and development of the film as a medium with revolutionary social and artistic implication. The silent film, the introduction of sound and color, and the work of such innovators as deMille, Claire, Bergman, Teshigara, and Fellini. Lectures, reading, and bimonthly screenings with panel discussions and written papers will be scheduled.

303. European Art Since 1850.

Neo-classicism and Romanticism set the stage for "modern" art. Special emphasis on Impressionism, Expressionism, and Cubism; and the major movements in art today.

305. American Art and Architecture.

A summary of the art in colonial America, the rise of a national style, the struggle against Europe, and the emergency of major artists in the twentieth century. Painting and architecture will be emphasized.

PHILOSOPHY

Messrs. Hurwitz, Durbin, Morton, Schmidt, Sharma

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.

The following courses are required for a major: The History of Philosophy sequence (201 through 204), Ethics, Logic or Symbolic Logic, and two seminars during the senior year. If a seminar is offered during the junior year, for one or both semesters, it is required, at the option of the department. Also, the two January programs which can be required by the department will be required at the option of the department. A required course which cannot be taken because of scheduling conflicts can be made up by a readings course in the January program, if the readings course covers the same material.

At the end of the junior year a test (oral or written) in the history of philosophy, based on a text assigned by the department, is required.

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

103. General Logic.

A study of the principles and application of good and valid reasoning.

105. 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.

201. Ancient Philosophy.

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

202. Modern Philosophy.

Western thought from the Renaissance to Kant.

203. Nineteenth Century Philosophy.

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

(Offered in 1968-69 and in alternate years)

204. Twentieth Century Philosophy.

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

(Offered in 1968-69 and in alternate years)

205. Oriental Philosophy.

Treatment of the more important thinkers and schools of philosophy which have dominated the thought and life of India, China, and Japan.

(Not offered in 1969-70)

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

(Offered in 1968-69 and in alternate years)

303. Philosophy of Science.

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

307. Seminar in a Major Philosopher.

A study of the main issues of philosophy from one historically important viewpoint. For 1969-70: The Philosophy of Nietzsche.

401. Philosophy Seminar.

A study of special topics and major philosophers.

RELIGION

Messrs. Murray, Davies, R. A. Pierce, S. G. Stevens, Weitz

The requirement for a major in Religion is the completion of ten courses in Religion as follows: Religion 101 (or 105), 102, 103, 201, 202, 203, 205, 302 (or 306), 303, 304 and two January term courses in Religion. A major is also required to pass a comprehensive examination in his major field. With the consent of the Department a major may be allowed to substitute courses in related fields for those listed above.

101. The Religion of the Old Testament.

The religious history of the Hebrews from 2000 B.C. to the Christian era with special emphasis on the conceptions of God and man. Attention is given to the influence of social and political history on Hebrew religion and ethics.

102. The Beginning of Christianity.

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.

103. Introduction to Religious Phenomena.

An introduction to the various religious modes and to the several approaches to the study of religion. The student will be introduced to a variety of methodological approaches, drawing on non-Western religions (early African religion, Islam, Buddhism, etc.) for concrete examples of phenomena.

105. History of Judaism.

A survey of the life of the Jewish people from their beginnings in the Near East to the mid-twentieth century. Attention is focused on major migrations, leading personalities, and historic movements.

Credit in Religion or History

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.

202. Christian Ethics.

The ethics of Jesus, St. Thomas Aquinas, Calvin, Luther, John Bennett, Reinhold Niebuhr and others are studied with special reference to the challenge of contemporary culture to Christian ethics.

203. Religious Ideas in Literature.

The student will be introduced to understandings of the religion and culture generally, and more particularly, to the relation between religion (or theology) and literature. He will also be exposed to some basic interpretive techniques drawn from the field of literary criticism. More emphasis will be given to practice than to theoretical formulations. The major work in the course for the student will be the practical application of the theoretical foundations through readings and attempting to appreciate and interpret various modern works.

205. Basic Issues in Christian Thought.

An introduction to some of the basic problems of Christian theology, i.e., the existence of God; evil; the work of Christ; the Holy Spirit; life after death.

302. Modern Christian Thought.

A survey of Christian thinking from the 16th century to the present, including the development of Roman Catholicism, Protestant liberalism and orthodoxy, and contemporary religious expressions.

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.

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 will be explored.

306. Contemporary Jewish Thought.

An introduction to contemporary Jewish philosophies and thought patterns, together with a survey of leading thinkers of modern Jewry and Judaism, with special emphasis on trends in the current century.

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.

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

The Division of Natural Sciences and Mathematics includes 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.

DIVISIONAL COURSE

111-112. Physical Science.

A year's course presenting physics and chemistry together for the students with little or no prior experience in them and for the non-science major wishing a general understanding of the methods of science. The discovery approach to learning will be emphasized in the laboratory.

Topics covered will include: matter and its properties, waves and particles, atomic theory and structure.

Three hours discussion and one laboratory period a week.

BIOLOGY

Messrs. Harrison, Banks, Houser, Mukherjee and Mrs. Farny

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 relations where they exist, and of their economic significance. Three hours lecture and one laboratory period a week. Prerequisite for all other biology courses.

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.

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.

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.

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.

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. Two hours lecture and two laboratory periods.

Prerequisites: Organic Chemistry (second semester may be taken concurrently) and advanced standing in biology

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.

305. Biological Techniques.

A course, mainly historical, 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.

308. Histology.

A course in normal mammalian histology. Two hours lecture and two laboratory periods.

401. Microbiology I.

Introduction to microorganisms with special emphasis on bacteria, bacterial cytology, nutrition, metabolism, immunology and genetics. Laboratory work includes systematic study of bacteria, quantitative methods and control of microbial populations.

Prerequisites: Zoology and Botany and Organic Chemistry

402. Microbiology II.

Consideration of pathogenic microorganisms, immune mechanisms, the pathogenic state and serology. Laboratory exercises include the cultivation, isolation, and physiology of a representative number of forms and immunological and serological exercises.

Prerequisite: Microbiology I



408. Cell Biology.

A lecture in modern concepts in cellular and subcellular morphology and function.

Prerequisites: Organic Chemistry, General Physics, Physiology and Histology

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

CHEMISTRY

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

A major in chemistry consists of the satisfactory completion of the courses in Chemistry 101-102, 201-202, 301-302, 203-204, and 402; in Physics 101-102; and in Mathematics, Calculus I, II, and III and Linear Algebra (201, 202, 301, and 306). Chemistry majors are required to take Seminar, 310-311, in their junior and senior years. Chemistry majors will complete satisfactorily, second year German, or, with special permission from the Department, second year French. The courses, Chemistry 401 and/or 403, and Programming are recommended. Students will not be accepted as majors unless they have achieved an average of C or better in chemistry courses at the end of their sophomore year.

Majors who plan to go to Schools of Medicine, Dentistry, or Veterinary Medicine may elect advanced biology courses instead of Chemistry 302, 402 and Linear Algebra. Such students will not ordinarily be recommended for graduate work in chemistry or to industry.

101-102. General Chemistry.

The course is required for all Science Division majors. It is prerequisite to all other chemistry courses. The basic principles of chemistry are presented and illustrated with descriptive material. Emphasis is placed on the structure of matter, including atoms and molecules, the laws of gases, stoichiometry, solution chemistry including acid-base, oxidation-reduction, solubility, and complex ions, and chemical equilibria. A major portion of second semester laboratory is devoted to qualitative analysis. Three hours lecture, one hour recitation, and one three-hour laboratory per week.

201. Quantitative Analysis.

This course is required for all chemistry majors and is prerequisite to physical chemistry. The subject matter consists of aqueous ionic equilibria, and elementary chemical thermodynamics. The laboratory experiments involve quantitative analytical determinations that are gravimetric, volumetric, and simple instrumental. Three hours lecture and six hours laboratory.

202. Physical Chemistry I.

The material discussed includes gases, thermodynamics, solutions, chemical kinetics, and electrochemistry. Completion of Calculus I and General Physics I is required. Three hours lecture and six hours laboratory.

203-204. Organic Chemistry.

The chemistry of aliphatic and aromatic compounds is integrated and studied according to similar functional groups. Emphasis is placed upon mechanisms of reactions and correlation of structure with chemical properties. The laboratory includes separation, purification and synthesis of organic compounds. Three hours lecture and three hours laboratory per week.

Prerequisite: Chemistry 101-102

301. Physical Chemistry II.

The material discussed includes atomic structure, the chemical bond, molecular structure, the solid and liquid states, chemistry of surfaces, and radiation and photochemistry. Three hours lecture and six hours laboratory.

Prerequisite: Chemistry 202

302. Physical Chemistry III.

The wave-mechanical basis of atomic structure is discussed. Quantum mechanical laws are applied to problems of bonding. Physical methods of determining molecular structure are considered. Completion of Calculus I, II and III, Linear Algebra, and General Physics is prerequisite. Four hours lecture per week and occasional laboratory.

310-311. Seminar.

Participants present at least one oral report each semester on a special chemical problem or on a topic of current interest. Meetings are scheduled for one and a half hours once a week. Required of junior and senior chemistry majors. Non-credit, non-graded course.

401. Qualitative Organic Analysis.

A systematic approach to identification of simple organic molecules is undertaken. Solubility data, classification tests and spectroscopic methods (ultraviolet, infrared, nuclear magnetic resonance) are used for functional group determination. Emphasis is placed upon the laboratory work which encourages originality and deductive reasoning by the student as well as development of sound laboratory technique for the separation of mixtures and the preparation of derivatives. Lecture two hours. Laboratory six to nine hours per week.

Prerequisites: Chemistry 101-102, 203-204

402. Instrumental Analysis.

A study of the principles and practices of modern instrumental analytical methods. Topics include: visible, ultraviolet, and infrared spectroscopy,

electroanalytical methods, gas chromatography, and nuclear magnetic resonance spectroscopy. Physical Chemistry 301 and 302 are required, but permission may be granted by the instructor for a student without 302 to enroll. Three hours lecture and six hours laboratory.

403. Inorganic Chemistry.

Principles developed in physical chemistry I, II, and III will be applied to inorganic systems. Valence theory and complex ion chemistry will be emphasized. The student will be required to learn descriptive material independently. Four hours lecture per week.

Prerequisites: Chemistry 202, 301, 302

405-406. Chemical Research.

Independent laboratory and library work by the student directed by a member of the Department. Will require about eight hours a week of work. Restricted to junior and senior chemistry majors with permission from the Department head.

PHYSICS AND ASTRONOMY

Messrs. Cole, Christensen, McCreary, Tsai

A major in Physics will consist of a minimum of four two-semester courses in Physics plus Math 201-202, Math 301-302 and Chemistry 101-102. A foreign language requirement should be completed in the freshman year.

Physics 103-104 and Physics 201-202 are basic and required courses.

103-104. General Physics.

Elective for all classes. A student who has not taken Mathematics 103 and 104 or 105 and 106 must elect either pair along with this course. First semester: mechanics, sound, and heat. Second semester: electricity, light, and modern physics. Three lecture hours and one laboratory period.

201-202. Electricity and Magnetism.

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.

301. Physical Optics.

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

302. Sound.

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

Prerequisite: Mathematics 201-202

303-304. 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.

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.

307-308. Electronics.

The properties of vacuum tubes, semiconductors 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

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.

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

405-406. Theoretical Physics.

A study of the differential equations of mathematical physics with numerous applications.

Prerequisite: Mathematics 301-302

MATHEMATICS

Messrs. Frankowsky, Hazra, Pierce, Rosenfeld, Mrs. Kline, Mrs. Riley

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 10 courses beyond the 100 level courses, and must include Mathematics 201-202, 301-302, 305-306, 403 and 404. 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 a "Basic Sequence." This sequence consists of Mathematics 105-106, 201-202, 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/or 306 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. All students planning to major in mathematics must have departmental approval prior to the beginning of their Junior year.

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.

Students in 101 must follow with 102 to obtain credit. Credit will not be granted to students in 101 who have had more than three years of high school mathematics.

Prerequisites: one unit of algebra and one unit of geometry

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.

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.

105. College Algebra and Plane Trigonometry.

An extensive course which combines the subject matter of 103 and 104.

106. Analytic Geometry.

Straight line; conic sections; transformations of the plane; polar coordinates.

201-202. Elementary Calculus.

First semester: The straight line; functions; limits; continuity; derivative 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; transformation of the plane; length of a curve; area of surfaces.

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

ELECTIVE COURSES
(Given in alternate years or on demand)

207. Introduction to Probability.

The algebra of sets; probability in finite sample spaces; random variables and probability functions including the mean, variance, and joint probability functions; binomial distribution and some applications.

(Offered in 1969-70)

211. College Geometry.

Advanced topics in Euclidean geometry, basic topics in non-Euclidean geometry. (Designed for prospective high school teachers of mathematics)

301-302. Intermediate Calculus and Differential Equations.

First semester: Methods of integration; application of integration to physics—moments, centroids, theorems of Pappus, hydrostatic pressure, work hyperbolic functions; polar coordinates; parametric equations; vectors; elementary differential equations with application to geometry and physics.

Second semester: Three dimensional vector analysis; quadric surfaces; partial differentiation, multiple integration and their applications; infinite series; operator methods and series solutions of ordinary differential equations.

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 1969-70)

305. Algebra I (Introduction to Modern Algebra).

Set theory; number theory; functions and mappings; permutations; theory of groups; theory of rings and ideals—homomorphism and isomorphism, integral domains, equivalence classes, residue classes.

(Offered in 1968-69 and alternate years)

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 1968-69 and alternate years)

402. Introduction to Numerical Analysis.

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

(Offered only on demand)

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 1969-70 and alternate years)

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.

(Offered only on demand)

PRE-ENGINEERING, GEOLOGY AND GRAPHICS

Messrs. Thompson, 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.

102. Engineering Drawing and Descriptive Geometry.

Continuation of preparation of detail working drawings and assembly drawings. Principles of pictorial drawings. Developments and inter-

sections of geometric surfaces, and point, line and plane problems in descriptive geometry. Required of pre-engineering students.

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.

202. Geology.

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

For further details on pre-engineering see page 58.

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 three courses 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.

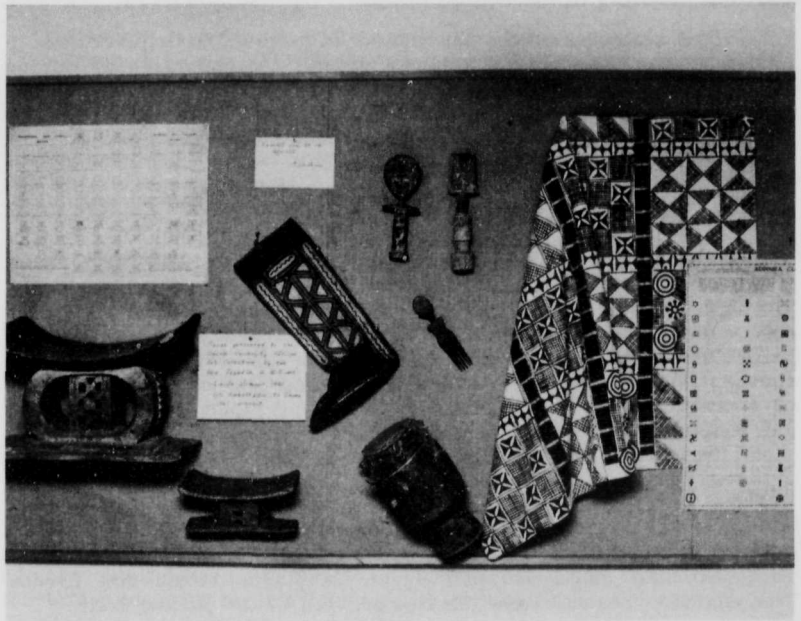
DIVISIONAL COURSES

201. Social Science.

An interdisciplinary one-semester course repeated each semester dealing with a particular current problem in the Social Sciences and using materials and staff personnel from the departments of sociology, economics, history, political science and psychology. Each year a different contemporary problem will be the basis of the course.

210. Social Institutions.

The study of selected institutions of socialization and social control including the family, education, religion, the community and legal and welfare institutions. [The department is including in the above course some of the content formerly in Sociology 101 and Marriage and the Family 301.]



HISTORY

Messrs. Jones, Burke, Fishwick, Foner, Gunn,
Lerner, Russo, Tarnoi, Winchester

Requirements for a history major: completion of 10 one-semester courses including History 101-102, United States History 105-106 and Historical Methods 401-402, and any two courses in non-Western history.

101-102. Modern European History.

This is a basic introduction to the study of history. Two sessions per week are conducted as lectures, two other sessions each week are 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 revolutions of 1848. The second semester covers the period from 1848 to 1939. Writings of contemporary authors and historians with varying points of view supplement the use of a basic text.

104. Twentieth Century History.

This course gives broad world coverage of events of the century and stresses the background of current affairs, starting with the origins of World War I and continuing to the present.

105-106. History of the United States.

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.

107-108. History of East Asia.

This course is an elementary survey of the historical development of the major East Asian countries from circa 600 B.C. to modern times. The first semester deals primarily with the formation of the traditional culture and government of East Asia. The second semester concerns the impact of the West on East Asia, starting with the Opium War and ending with the Communist Revolution in China. Special emphasis will be on a comparison of the response of China and Japan to Western ideas and technology.

(Not offered in 1968-69)

201-202. Ancient Civilization.

The first semester deals with 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.

203. The Colonial History of the Americas.

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

204. Latin American History.

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

205-206. History of Black People in the United States.

This two-semester course begins with an examination of the cultural traditions of the West African people prior to the slave trade, devotes some attention to black people in Latin America, and then concentrates on black Americans in United States history from colonial times to the present, with special attention to protest movements.

207-208. History of England.

This 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. It is designed to meet the needs of pre-law students and English literature majors as well as the interests of history majors.

(Not offered in 1968-69)

209-210. Economic History of the United States.

This course is a survey of the economic development of the United States from the colonial period to the present, with particular emphasis upon the development of the labor movement. It is designed to examine the growth of economic life and also to impart a broader understanding of the general history of the United States and to provide a background for the historical study of economic principles and problems, with special reference to labor problems.

(Not offered in 1968-69)

211. History of Africa in the Twentieth Century.

This is a general survey course in African history since the late nineteenth century partition. Starting with the events that accompanied the Berlin Conference, it traces the conflicts for control of the continent and concludes with the independence movements and the establishment of new nations.

(Offered in the fall semester, 1968-69)

301-302. Medieval History.

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 with treatment of non-European as well as European influences.

Prerequisite: History 101-102

(Offered in 1968-69 and in alternate years)

303-304. Seminar in History.

A select number of students will pursue particular topics under the direction of the instructor. Emphasis will be placed upon the use of primary sources, and students will be expected to present oral and written reports from medieval to modern society in Europe.

Prerequisite: History: 101-102

(Offered in 1967-68 and in alternate years)

305-306. History of Russia.

The first semester traces the growth and consolidation of Russia from the early movements of the Slavs and Varangians through the growth of Muscovy and the rise of the Tsars. The semester ends with the study of the Napoleonic wars. The second semester treats the reform and revolutionary movements of the 19th century and the organization of the communist state in the 20th century.

Prerequisite: History 101-102

(Offered each year)

307-308. History of Africa to 1885.

The first semester deals in a summary fashion with the geographical and ethnological background of African history, concentrating on the data of pre-historic and early history archaeology, 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 the European exploration and expansion in Africa, from 1500 to the partition of Africa (1885).

*Prerequisite: History 101-102 or permission of the instructor
(Offered in 1968-69 and in alternate years)*

309. United States Intellectual History.

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

*Prerequisite: History 105-106
(Offered in 1967-68 and in alternate years)*

310. European Intellectual History.

The course treats various aspects of the subject, such as socialism, communism, liberalism, nationalism, or related topics.

*Prerequisite: History 101-102
(Offered in 1967-68 and in alternate years)*

311. Intellectual History of East Asia.

The course deals primarily with the historical development of Chinese thinking, discussing in detail the classical strains of native thought. Confucianism, Taoism, the challenge of Buddhism, and the intellectual impact of Western thinking on the Chinese mind; from the Confucian reformers of the 19th century to the modern communists. Enrollment by permission of the instructor.

(Not offered in 1968-69)

312. 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 are the subjects of this course.

*Prerequisite: History 105-106
(Not offered in 1968-69)*

313-314. Diplomatic History of the United States.

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

(Offered in 1968-69 and alternate years)

401-402. Historical Methods.

For history majors. The course emphasizes concepts of historical causation, theories of history, basic bibliography and techniques of historical research through assignment of research problems.

Prerequisites: a minimum of twelve hours in history

POLITICAL SCIENCE

Messrs. R. Stevens, Alderfer, Bradley, Burke, Fleming,
Marcum, Moleah, Pettigrew, Miss Atherton

Majors in political science must complete twelve courses in the area, among which the following are requirements: 101 Elements of Government; 103 American Government; 300 Man and the State; 402 Political Modernization and Political Development. In addition, one course in each of the following areas must be included: American Government and Politics (212, 213, 305, 306, 307, 309, 310, 313, 401); Comparative Government and Politics (207, 208, 209, 210, 403); International Politics (204, 205, 311). Political science majors must complete two January projects under the direction of the political science department.

101. Elements of Government.

An introduction to the study of governmental processes and institutions, political behavior. Required for all majors.

103. American National Government.

The organization and operation of the national government, from the standpoint of constitutional principles, structure and functions, programs and policies. Required for all majors.

Prerequisite: Political Science 101

204. International Politics.

The political relationships among nations with special emphasis upon, first, historical and contemporary concepts and practices of imperialism, balance of power, and national sovereignty; and second, the role of ideologies and the limitations on national power in the Nuclear Age.

Prerequisite: Political Science 101

205. American Foreign Policy.

American foreign policies since 1945, with emphasis on, first, the major domestic and foreign determinants of these policies; and second, analysis of the major problems of contemporary American policies, including the impact of Communism, the division of Europe, and the challenge of revolution in modernizing societies.

Prerequisite: Political Science 101 and 103

207. Comparative European Politics.

Comparative study of the contemporary political systems of Britain, France, West Germany and the Soviet Union. In addition to the governments, political cultures and secondary political groups of these countries, emphasis is placed upon the consequences of first, bureaucratization in these highly developed states and, second, economic integration in Western Europe.

Prerequisite: Political Science 101

208. Comparative African Politics.

The comparative politics of selected states in east and west Africa: Guinea, Ivory Coast, Nigeria, Ghana, Liberia, Ethiopia, Tanzania and Somalia. Institutions and political processes are analyzed with attention to emerging relations among African states.

Prerequisite: Political Science 101

209. History and Politics of the Arab Middle East and North Africa.

The spread of Islam and the rise and decline of the Arab and Ottoman Califates. Emphasis on the development of Arab Nationalism, the colonial impact and independence movements in North Africa and the Middle East, analysis of post-independence political development.

Prerequisite: Political Science 101

210. Latin American Politics and Government.

The political evolution of Latin America; factors conditioning governmental organizations and policies; case studies of selected states.

Prerequisite: Political Science 101

212. American State and Local Government.

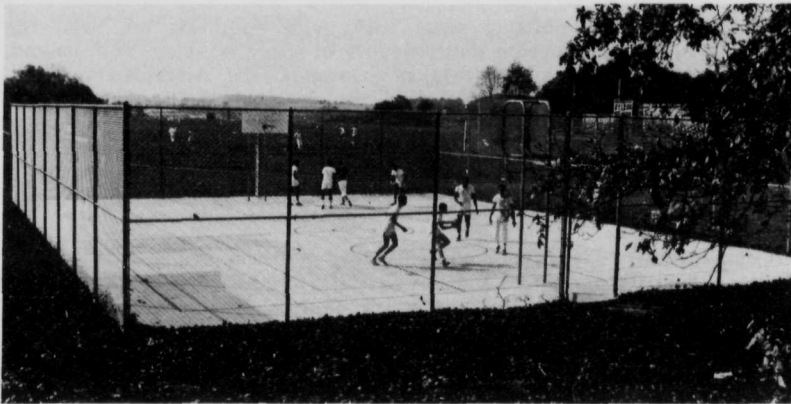
Organization and operation of state, county, and municipal governments. Special emphasis will be given to emerging forms of federal-state-local relations and to the new socio-economic services of government in contemporary America.

Prerequisite: Political Science 103

213. The City.

The city as a political and governmental force in American life. The growth of urban communities and their evolution in structure, functions, and services. The emergence of regional local governments. The role of cities in the federal system.

Prerequisite: Political Science 103



305. American Political Parties.

Structure and role of political parties and pressure groups as instruments of decision making at the national, state and local levels.

Prerequisite: Political Science 103

306. Black Politics.

The role and techniques of the black community in American politics at the local, state and national levels. Intensive study will be given to the interests and programs of black political action groups and political strategy and tactics for achieving them.

Prerequisite: Political Science 103

307. American Legislative Process.

Congress and the State Legislatures in the American political system: how representatives are selected; how legislatures organize and conduct business; the role of pressure groups and citizen action in policy decisions.

Prerequisite: Political Science 103

309. Public Administration.

The organization and operation of administrative agencies at the national, state and local levels; principles and practices of administrative structure; relations with legislative and judicial agencies.

Prerequisite: Political Science 103

310. Personnel Management.

Principles and practices of personnel management in the public and private sectors. Materials will be drawn from industry and business and from governmental and civic agencies. Personnel organization and methods will be compared.

Prerequisite: Political Science 103

311. Politics of Southern Africa.

Common historical, economic and political factors operating in southern Africa. Focus on South Africa with attention to South West Africa, and other minority controlled areas. The problems of adjacent black states; consideration of nonindependent Africa in international and Pan-African relations.

Prerequisite: Political Science 101

313. Judicial Behavior.

The federal and state 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.

Prerequisite: Political Science 103

401. 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.

Prerequisite: Political Science 313

402. Political Modernization and Political Development.

The meanings and usefulness of contemporary theories of modernization and political development; case studies will be drawn from Asia, Middle East, Africa and Latin America.

Prerequisites: Political Science 101 and two courses in the area of comparative politics

403. African Seminar.

Selected problems in African political development.

Prerequisites: Political Science 101, and at least one of the following courses: 208, 209, 311.

SOCIOLOGY AND ANTHROPOLOGY

Messrs. Oppenheimer, Cheek, Foster, Garnes, Greifer, Gunn, Lerner

Requirements for a Major in Sociology-Anthropology: eight regular course units in sociology-anthropology, plus at least one January Period course in sociology-anthropology, to include the following: Sociology 101, Anthropology 201, Sociology 305-306, Sociology 318, Sociology 408, at least one course involving field work, and one of the following: Mathematics 203 or 205, or Psychology 402. Social Science is strongly recommended.

Students may concentrate on one or more of the following fields, based on further elective choices: general sociology, general anthropology, or social welfare (including (a) social work, and/or (b) corrections).

101. Introduction to Sociology.

An introduction to the basic concepts of sociology, including socialization, groups, institutions, and social change.

Prerequisite to all other courses in the department.

201. General 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.

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: Soc. 201

(Offered alternate years)

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 alternate years)

301. Marriage and the Family.

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.

(Offered alternate years, not offered in 1969-70)

302. Race Relations.

The problems of racial and ethnic groups in the world with special emphasis upon race relations in the United States.

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
(Offered alternate years)

304. Prehistory.

An introduction to archaeological theory and method, followed by a survey of the prehistoric development of man and world culture in the light of archaeological evidence and current theory.

Prerequisite: Sociology 201

305-306. Social Research.

Basic research methods in sociology, including survey and case techniques, participant-observation, and preparation of research reports. The second semester emphasizes application, both in terms of projects and analysis of classical sociological contributions.

310. Introduction to Social Welfare.

Basic concepts and practices in the fields of social work and corrections, including casework, group work, and community organization. Field work is included.

(Offered alternate years)

311. The American Community.

A study of the spatial aspects and social processes of community development and community organization as influenced by historical, ecological, sociological, and political factors. Various modes of community action and leadership will be studied using case methods and field work.

Prerequisite: Sociology 101 or Psychology 201

312. Community Organization, Development, and Action.

Origins, concepts, and methods used to bring about planned social change, including analysis of different techniques as applied in various settings. Case studies and field work will be included.

(Offered alternate years)

313. The Dynamics of Organization and Group Behavior.

The study of groups, interpersonal relations, the use of groups to serve individual needs, and the efficient operation of groups to achieve goals. Analysis of organizational structure and function, and the role of the professional in organizations will be included. This course is especially designed for potential community organizers, lay leaders, and social workers. Field work is included.

(Offered alternate years)

314. Crime and Delinquency.

Characteristics, causes, and correction of crime and delinquency, including discussion of various theories of deviant behavior and social disorganization.

315. Prevention and Treatment of Crime and Delinquency.

The study of developments in the field of corrections, crime prevention, control, and penology, with emphasis on practical application in the form of field work and training. Normally taken following Sociology 314.

317. The Social Psychology of Human Relations.

The study of the major theoretical and methodological contributions of social-psychology. The course will focus on developing the student's ability to choose among those in order to gain practical research experience.

318. Sociological Theory.

An introduction to the history of sociological theory from the French Revolution to the present, with emphasis on application to contemporary theoretical problems.

319. Urban Sociology.

An introduction to the study of urban society and the urbanization process, with emphasis on the Western world. The characteristics of the city, its ecology, institutions, and problems, will be covered.

320. Urban Anthropology.

The social-anthropological study of urban situations including the socio-cultural aspects of urbanization and industrialization as a process; with emphasis on Africa and other developing regions.

332. Political Sociology.

The study of the relationship of political systems to social conditions, including attention to such concepts as mass, class, and power.

401. Collective Behavior.

The study of crowds, masses, social movements and other less formal social phenomena.

Prerequisite: At least two 300 level courses in sociology-anthropology.
(Offered alternate years)

402. Complex Organizations.

The study of more formal organizations including the functions and dysfunctions of bureaucracy, trends in management, and individual and group reactions to organizational life.

Prerequisite: At least two 300 level courses in sociology-anthropology
(Offered alternate years)

408. Seminar in Sociology.

A seminar for senior majors designed to enable the student to integrate and review his work in the department.

409. Seminar in Anthropological Theory.

A seminar focusing on a selected issue in anthropological theory, with the selection changing from year to year.

Prerequisite: at least Junior standing, with at least two courses in anthropology.
(Not offered in 1968-69)

EDUCATION

Messrs. MacRae, J. Johnson

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. Students who wish to qualify for a teaching certificate should begin education courses in the sophomore year.

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. This course helps to fulfill the Social Studies requirement. Open to sophomores, juniors, and seniors.

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.

204. General Methods in Secondary Education.

The method of the teacher in the high school; classroom management; instructional materials; the guidance of the learning experience. Open to sophomores, juniors, and seniors.

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.

303. Teaching Developmental Reading.

This is a course in methods of teaching developmental reading to secondary school students.

(Offered in alternate years)

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.

403. Philosophy of Education.

The philosophical foundation of educational methods. A study of the three viewpoints basic to the major philosophical positions in American education. Open to juniors and seniors.

PSYCHOLOGY

Messrs. Cornwell, Cheek, Durkin, Harleston, Trotman, Mrs. Kinsey

The courses in psychology are designed to offer (1) a broad understanding of the principles of human behavior, (2) training of the pre-professional student in techniques of human relations as applied in the major professional and vocational fields, and (3) a well-rounded orientation in systematic, experimental, and clinical psychology for students planning graduate study in this field. General Psychology 201 and 202 are prerequisite for all psychology majors. For a major six courses in Psychology in addition to General Psychology are required. The following courses are required of all majors: Experimental Psychology 205 and 206, Statistical Methods 402, Advanced Statistical Methods 410, and the Psychology Seminar 403-404.

201-202. General Psychology.

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

203. Motivation and Adjustment.

A study of motivation and personality adjustments in the process of development.

Prerequisite: Psychology 201

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

205. Experimental Psychology.

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

206. Experimental Psychology.

A continuation of 205 with the design, performance, and report of an original psychological experiment required.

Prerequisite: 201, 205

301. Seminar in Motivation.

An intensive examination of theoretical and experimental problems in motivation.

Prerequisite: 201 and 202

302. Social Psychology.

An intensive study of the principles of psychology in group relationships.

Prerequisite: Psychology 201

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

305-306. Clinical Psychology.

The first semester will cover theory and techniques of the clinical assessment of behavior and the second semester will cover the theory and practice of psychotherapy.

Prerequisite: General Psychology 201-202

307. Developmental Psychology.

A study of human development throughout the life span.

Prerequisite: 201-202

308. Childhood and Adolescence.

An intensive analysis of the developmental tasks confronting the child from birth to early adulthood.

Prerequisite: 201-202

401. Contemporary Schools of Psychology.

A survey of points of view in a selected sampling of schools of psychology.

Prerequisite: 201

402. Statistical Methods.

An introduction to descriptive statistics and computational procedures involved in deriving measures of central tendency, variability, and correlation.

No prerequisite.

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.

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 course credit, but it is a prerequisite for 406.

Prerequisites: Psychology 201, 205, 402

410. Advanced Statistical Methods.

A continuation of 402 including statistical inference, nonparametric methods, and an introduction to the analysis of variance.

Prerequisite: 402



ECONOMICS AND BUSINESS ADMINISTRATION

Messrs. Davis, Harris, Kazmi, Knowles, Reynolds,
Rosensweig, Washington, Williams

The curriculum in Economics and Business Administration comprises the basis for a joint major, with a common "core" of work over the first two years, followed by various options from three basic areas—American Economics Problems, World Economic Problems, and Business Organization and Management. Students may, if they have the proper background in Mathematics, begin the core sequence in the Freshman year, but they will ordinarily be advised to postpone their Economics and Business work until the beginning of the Sophomore year. A minimal background in Mathematics, useful, but not a prerequisite for Principles level, (Economics 201) is College Algebra and Trigonometry. In addition, major students are strongly urged to take the Analytic Geometry and Elementary Calculus, preferably before work in the 300 and 400 series.

The basic Economics and Business Administration course, for those planning to major as well as those in other fields desiring some background in Economics, is Economics 201, which will normally be offered in both Fall and Spring semesters. Major students should follow their Principles work directly with Economics 301, the two together comprising a prerequisite for a number of further courses in the field. This course, like 201, will normally be offered in both semesters. By the end of Junior year all major students should have completed Economics 203 and Economics 206. Further, students primarily interested in Economics should also have completed Economics 302, and those primarily interested in Business should have completed Economics 204. Together these courses provide the basic tools which both economists and businessmen need for problem-solving in today's complex world; theory is necessary background for rigorous, analytical thinking; and accounting and statistics yield knowledge and understanding of the principal data which both businessmen and economists use and the ways in which such data can be structured for empirical work.

In addition to 201, 203, 206, 301, and either 204, or 302 (or both), major students must take four further courses in Economics and Business from among those listed below, and Economics 499, the Senior Seminar. Students should generally concentrate in one or two of the three areas outlined below, and they should also take some courses in other Social Science fields which are related to their work in Economics and Business.

201. Elementary Economics.

A general survey of the principles of economics as they apply to the central economic problems of any society: economic growth, economic stability, and the allocation of resources in an equitable and efficient manner. One lecture and three hours of seminar/tutorial meetings a week.

(To be offered in both semesters)

203. Elementary Accounting (a).

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 and other controls.

204. Elementary Accounting (b).

Consideration will be given to accounting for partnerships and corporations, manufacturing accounts, special analyses, funds statements, and statement analysis.

206. Quantitative Methods in Economics and Business.

Frequency distributions; probability and hypothesis testing; time series; correlation and linear and multiple regression analysis; the use of computers.

Prerequisites: Economics 201 and Mathematics 103-104

301. Price Theory and the Allocation of Resources.

The theory of household and firm behavior; market structures and performance; general equilibrium analysis, Pareto optimality and welfare analysis for a closed economy, an open economy and the international economy.

*Prerequisites: Economics 201, and Mathematics 103-104.
(Offered in both semesters)*

302. Income Theory and Problems of Growth and Instability.

Keynesian theory—statics, comparative statics and dynamics—incorporating income, money supply, interest rates, the general price level and tastes and technological changes in the economy.

Prerequisites: Economics 201, and Mathematics 103-104

499. Senior Seminar.

Student papers and discussion relating the work of the major program to current economic and social issues.

AMERICAN ECONOMIC PROBLEMS

311. American Economic Development: Historical Perspective.

Natural resources, labor, capital, and technology in the United States; their growth and effect on income distribution over time; the special problem of cyclical instability; the inter-related development of the economy and predominant economic institutions involving agriculture, industry, labor, and government.

Prerequisite: Economics 201

313. Monetary-Fiscal Economics.

Government budgeting and tax-policies and Federal Reserve monetary policies and their combined use to further objectives of economic growth, stabilization, and the efficient and equitable allocation of resources.

Prerequisites: Economics 201 and 301

316. Manpower Problems with Special Reference to Negro Development.

The critical problem of rapid technological change and rigid product prices in American growth and development and their effect on the well-being of the labor force, with particular reference to the black community. Special attention will be given to the problem of shifting to labor-using capital expansion in order to expand employment and raise real income in the Negro sector.

Prerequisites: Economics 201 and 301

318. Government and Business.

Government efforts to devise methods to control the agricultural and business sectors of the economy when the market mechanism fails to work in an optimal fashion.

Prerequisites: Economics 201 and 301

411-412. Selected Topics on the American Economy.

This sequence of courses will treat in considerable depth one or more problems dealing with the American economy such as labor economics and labor relations, urban economics, and regional economics.

Prerequisite: Economics 201 and consent of the instructor

WORLD ECONOMIC PROBLEMS

321. World Economic Development: Historical Perspective.

Growth of the world economy with special reference to the period 1850 to the present. A considerable proportion of the course will be devoted to comparing and contrasting growth in market or mixed economies (European countries, the United States, Japan) and centrally planned economies (the Soviet Union, Eastern Europe).

Prerequisite: Economics 201

323. Problems of Growth in Newly Developing Countries.

Theories of economic growth with special reference to the problems of newly developing countries, including those related to population expansion, manpower constraints, domestic and foreign sources of finance, and appropriate emphasis between the agricultural and industrial sectors.

Prerequisites: Economics 201 and 301

324. The Economies of Tropical Africa.

The existing structure of African economies; problems of growth and planning in selected African countries.

Prerequisites: Economics 201 and 301

326. The World Trade and Financial System.

Trade among nations and related commercial policy problems; customs unions and preference areas; gold, dollars, and the world financial system.

Prerequisite: Economics 201

421-422. Selected Topics on the World Economy.

This sequence of courses will treat in considerable depth one or more problems dealing with the world economy such as international investment and/or foreign aid, regional development in Latin America or Asia, interregional and international economic organizations.

Prerequisite: Economics 201 and consent of the instructor

BUSINESS ORGANIZATION AND MANAGEMENT

331-332. 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.

Prerequisite: Economics 203-204

(Offered in 1969-70 and alternate years)

333. Cost Accounting.

Decision-making and cost controls in the modern business firm.

Prerequisite: Economics 203-204

(Offered in 1968-69 and alternate years)

334. Business Law.

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

335. Principles of Management and Managerial Economics.

Decision-making in the modern business firm; demand and cost analysis; inventory problems; investment problems; centralization versus decentralization and the locus of control.

Prerequisites: Economics 201, 203, and 301

336. Market Analysis.

A general survey of the various functions of marketing, the channels of distribution, and marketing practices. The course will include some work on modern linear programming techniques to solve distribution problems.

Prerequisites: Economics 201 and 301

337, 338. Problems of International Management.

Problems of private enterprise and governments in promoting trade and investment in industrialized and newly developing countries; the role of this activity in promoting growth and raising living standards, with special emphasis on the United States and the countries of Africa.

Prerequisite: Economics 201

431, 432. Selected Topics in Business Economics.

This sequence of courses will deal in considerable depth with one or more problems of the business world such as the special problems of the small business concern in America, problems of risk and insurance, investments, etc.

PHYSICAL EDUCATION AND ATHLETICS

Messrs. M. Rivero, W. L. Cofield, R. N. Gardner, W. F. Laisure

All instruction and related activities in the fields of physical education and athletics are administered by the Department of Physical Education and Athletics. The Health Services advise with the Department of Physical Education in the assignment of students to Activities in accord with their special needs. Major students are required to complete inter-departmental courses in science and education.

101-102. Freshman Physical Education.

Instruction and practice in activities that will help to develop physical and recreational skills. The standard first-aid certificate may be earned by those who qualify.

201-202. Sophomore Physical Education.

Advanced instruction and practice in team games and individual activities leading to a satisfactory demonstration of skills in and knowledge of at least one team, one dual and one individual activity.

206. Personal and Community Hygiene.

Problems and practices involved in the improvement of individual and community health; the nature of communicable diseases and the means of preventing them; the study of the scientific approach to the solution of personal health problems; the study of available health resources.

207. Safety Education.

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

209-210. Physical Education Activities I and II.

During the first semester instruction and practice in touch football, volleyball. Basic techniques for development of recreational programs. The second semester covers lectures and practice in track and field events, softball and games of low organization.

301-302. Physical Educational Activities III and IV.

Analysis, practice and fundamentals of basketball, gymnastics and intramural activities. The second semester is devoted to developing physical and recreational skills with a carry-over value, in such parts as badminton, tennis and golf.

303. Philosophy and Principles of Physical Education.

Development of the philosophy of physical education. Discussion of facts and principles serving as the basis for this philosophy. Interpretation and application of historical and philosophical bases of physical education.

305. Care and Prevention of Injuries and Conditioning.

Prevention and correction of accidents in athletic activities; the proper use of equipment, support methods, conditioning exercises, the medical examination and therapeutic aids. Laboratory work includes the clinical use of physiotherapy equipment, massage and training methods.

307. Physiology of Exercise.

The functions of the human body and the physiological changes in the human organism due to physical exercise. Applications to specific problems of the health and physical education program.

308. Analysis of Motion.

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.

309. Adapted Physical Education.

Developmental activities suited to the capacities and interest of students with disabilities that restrict them from participation in the total physical education program. Emphasis on programs that will help to improve the individual's remaining abilities.

401. Health Service and Instruction.

Methods, practice and observation of health education programs; health examinations, follow up procedures, special classes, school feeding and hygiene of the school environment.

402. Organization, Administration and Supervision of Physical Education.

Procedures in teaching, organization, administration and supervision of physical education in relation to the whole school program. Organization of pupils; selection and organization of activities; planning of time and space; utilization and care of equipment; procedures for effective administration.

405. Methods and Techniques of Coaching.

Theory of and practice in the coaching of sports. Fundamental techniques and tactics of individual and team play.

406. Leadership in Community Recreation.

Methods of conducting recreational programs for rural and urban communities designed to meet specific needs and interest. Emphasis on organizing and planning appropriate activities.

408. Methods of Teaching Physical Education.

Development of necessary skills and experiences essential for the teaching of physical education in elementary and secondary schools. Principles, methods, and resources involved in teaching physical education; curriculum patterns; individual teaching experience within the group.

Directory

TRUSTEES OF THE LINCOLN UNIVERSITY

Raymond P. Shafer
The Governor of Pennsylvania
(ex officio)

Year of First Election	Expiration
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1951	RALPH J. BUNCHE, New York, New York	Honorary
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Trustees Elected Directly by the Board

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
1968	FRANKLIN H. WILLIAMS, New York, New York	1969
1959	ANDREW M. BRADLEY, Harrisburg, Pennsylvania	1970
1947	GEORGE D. CANNON, New York, New York	1970
1959	ALEXANDER S. COCHRAN, Baltimore, Maryland	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
1964	WILLIAM P. YOUNG, Harrisburg, Pennsylvania	1971
1966	JESSIE F. ANDERSON, Philadelphia, 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, Havertown, Pennsylvania	1972
1966	IRENEE E. duPONT MAY, Wilmington, Delaware	1972
1947	DAVID G. MORRIS, Bayonne, New Jersey	1973
1951	JULIUS ROSENWALD, II, Elkins Park, Pennsylvania	1973
1959	MRS. ROBERT B. WOLF, Philadelphia, Pennsylvania	1973
1964	DWIGHT W. MORROW, JR., New Hope, Pennsylvania	1973
1959	F. W. ELLIOTT FARR, Philadelphia, Pennsylvania	1974
1959	J. WAYNE FREDERICKS, Washington, D.C.	1974
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Roger Millard Wyatt	Erie, Pa.
James Arthur Young	Philadelphia, Pa.
Gordon Frederick Zinger	Feasterville, Pa.

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Magna cum laude

James Howell Brown
 Morris David Fried
 Charles Robert Saunders

Cum laude

Cynthia Hope Amis
 John Merlin Hayes
 Allen Jolito Letsome
 George Sudzina, III
 Aubrey Lee Watkins

PRIZES AND AWARDS, 1968

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Class of 1899	Ronald Welburn
Class of 1916	Fares Washington
Walter Fales Memorial Prize in Philosophy	Daniel McGeehan
Norman E. Gaskins Memorial Prize in Organic Chemistry	Maris Jaunakais
Walter F. Jerrick Prize	George McCray
Richard T. Lockett Memorial Prize	Ronald Welburn
William H. Madella Prize	Richard Hill
S. Leroy Morris Prize	John Kotyo
William S. Quinland, Jr., Memorial Prize in Biology	John Hayes
Richard M. Wheeler Memorial Prize	James A. Owens, Jr.
Joseph Leroy Williams Memorial Prize	George Sudzina
Rosa Bradley Read Memorial Prize in Chemistry	Robert Patrick Harroff
Frazier S. Taylor Memorial Prize	Kenneth Hall
Alice F. N. Mandeng Memorial Prize in Philosophy	Harley Winer
Alpha Phi Alpha Award	Larry Chase, Thisbe E. Fields
Biology Club Freshman Award	Vivica Fitzpatrick
National Ladies Auxiliary Prize	John Kotyo, Anthony Taylor
Henry W. B. Campbell Award	Aubrey Watkins
Physics Achievement Award	Joseph V. Leo, Jr.
Department of History Award	Vincent Vera
Eichelberger Award for Creative Writing	Thomas McGill
Freshman Physics Award	Mae Caleb
Faculty Phi Beta Kappa Group Award	Omega Psi Phi
The General Chemistry Award	Ronald Lynch, Vivica Fitzpatrick
Hamilton Watch Leadership Award	Charles R. Saunders
Amy L. Johnson Award	Marshall Lyons
Kappa Alpha Psi Earl Harris Memorial Award	Charles R. Saunders
North Shore Synagogue Religious School	Obioha Nkere
E. K. Marrow Memorial Award	Michael Prince

- Omega Psi Phi Award in Honor of Sister Lottie Wilson*
Cordell Richardson
- Phi Beta Kappa Dean's List Awards* ..Harry W. Farmer, Thisbe E. Fields,
Lucille Herber, Arthur Povelones
- Political Science Club Award*Morris Fried, John Dawkins
- Philadelphia Section ACS Scholastic Achievement Award*..Maris Jaunakais
- Edward S. Silvera Award for Creative Writing*Ronald Welburn
- The Rabbi Martin Weitz Award*Udoh Ekanem
- Ladies Auxiliary Scholarship Awards*Cheryl Miller, Wesley C. Brown
- The Sharon Biben Memorial Award*Cynthia Amis
- Freshman Mathematics Achievement Award*Larry Chase
- Wall Street Journal Subscription & Medal*Aubrey Watkins
- Interfaith Studies Award*Carl Word
- Beta Kappa Chi Honorary Scientific Society* ..John Hayes, Beale Morgan,
Gary Peterson, Arthur Povelones, John Rosans, George Sudzina
- Women's Student Government Association Award*Mae Caleb,
Cheryl Miller
- Harrison H. Cain Award*Sandra McGruder
- Christian R. and Mary F. Lindback Awards for Distinguished Teaching* ...Andrew E. Murray, Manuel Rivero, Samuel G. Stevens
- General Alumni Association Awards*Juttee T. Garth, '24 '37s
Emerson Emory '48
George Nemethy, '56

Enrollment Summary

An analysis of the geographical distribution of the 1034 students enrolled in 1967-68:

<i>New England States</i>		<i>East North Central States</i>	
Connecticut	5	Michigan	3
Maine	3	Ohio	10
Massachusetts	13		
Rhode Island	1		13
	<hr/>		
	22		
		<i>Central States</i>	
<i>West South Central States</i>		Arkansas	1
Texas	4	Illinois	6
	<hr/>	Indiana	2
	4	Missouri	7
			<hr/>
			16
		<i>East South Central States</i>	
<i>Middle Atlantic States</i>		Alabama	3
Delaware	18	Kentucky	1
Maryland	25	Louisiana	2
New Jersey	96	Tennessee	13
New York	112		<hr/>
Pennsylvania	489		19
	<hr/>		
	740		

<i>Far Western States</i>		Gambia	2
California	3	Kenya	7
	<hr/>	Lesotho	3
	3	Liberia	4
<i>South Atlantic States</i>		Mozambique	6
District of Columbia	41	Nigeria	21
Florida	7	Rhodesia	18
Georgia	5	Sierra Leone	3
North Carolina	20	Somalia	1
South Carolina	2	South Africa	10
Virginia	23	South West Africa	6
	<hr/>	Spanish Guinea	1
	98	Swaziland	1
		Tanzania	1
		Uganda	2
<i>United States Possessions</i>		Bahamas	3
Virgin Islands	4	Bermuda	3
	<hr/>	British Guiana	1
	4	British Honduras	1
		Caroline Islands	1
<i>Foreign</i>		China	1
Africa	92	Ethiopia	2
Angola	2	Iran	1
Botswana	4	Korea	1
		Philippines	1
		South America	1
		West Indies	7
			<hr/>
			115

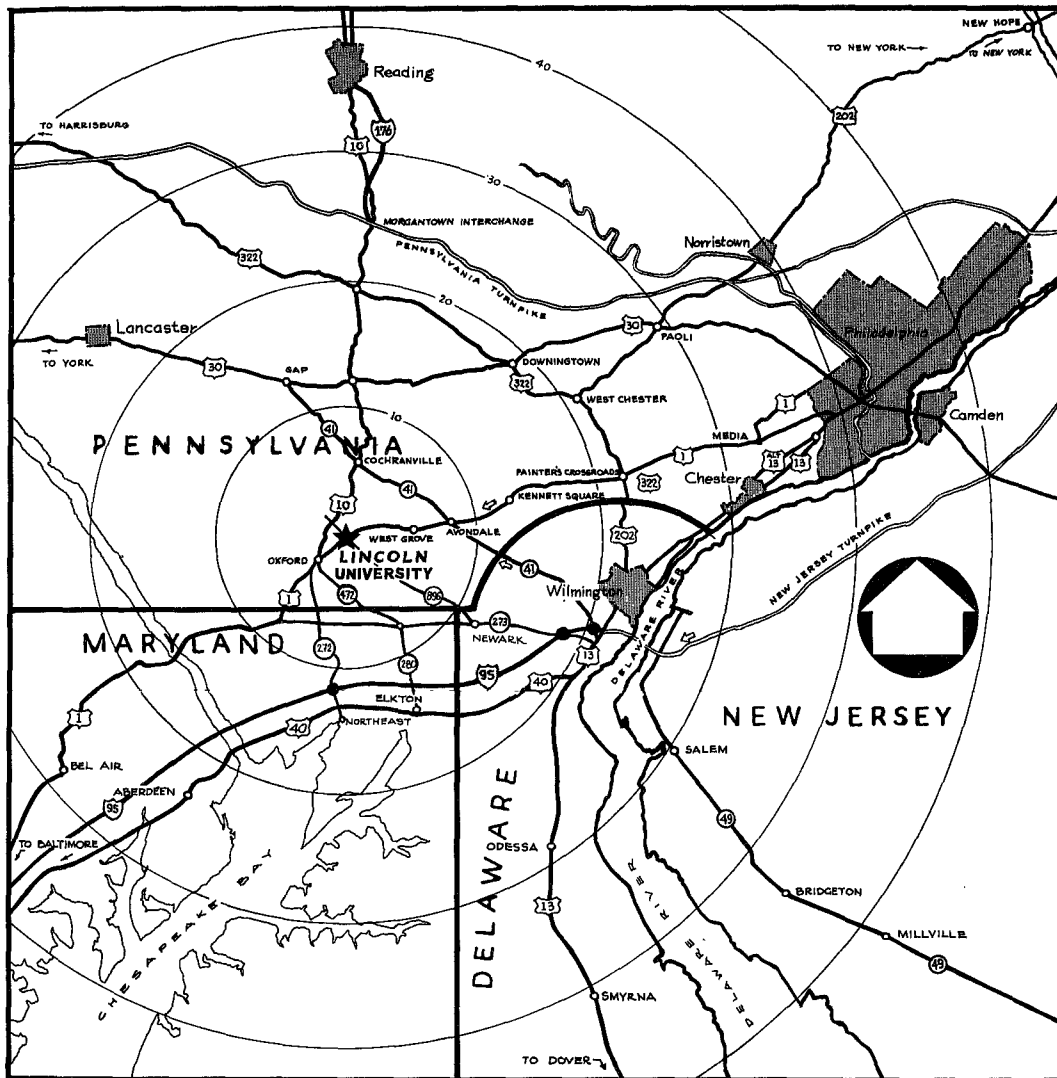
Enrollment by Classes

Senior	122
Junior	176
Sophomore	284
Freshman	329
Unclassified	35
Special	43
Special African Program	45
	<hr/>
Total	1034

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.

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