



Lincoln University
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Academic Catalog 2025-26



Brenda A. Allen, President

Welcome to the Lincoln University family!

I am pleased to send this greeting to you as you engage in a transformative experience that will shape your future. As the “FIRST” degree-granting HBCU, Lincoln offers a large community of alumni, faculty, staff, friends, and partners who will play a key role in the success of your journey. Take advantage of our many resources. The Lincoln University experience is transformative. It will prepare you to be and to do anything that you desire.



Photo/Brian Bernas

I know from experience that a Lincoln University education can prepare you to do anything you desire. On July 1, 2017, I returned to the Dear Old Orange and Blue, my Alma Mater, to serve as its 14th President– an honor that I never imagined when I received my degree from Lincoln many years ago. Over the past few years, I’ve had time to revisit, review, and reflect on the road ahead for the institution. I am committed to doing all that I can to make Lincoln University the best that it can be.

Lincoln University has produced many graduates who went on to be world leaders. Individuals like Langston Hughes ’29, world-acclaimed poet; Thurgood Marshall ’30, the first African American U.S. Supreme Court Justice; and Kwame Nkrumah ’39, the first president of Ghana. From Christian Fleetwood, Class of 1860, who was the first African American Congressional Medal of Honor recipient in 1865 to Reggie Smith III ’92, who became the first African American president of the Board of Directors of The United States Distance Learning Association in 2009, Lincoln University and our alumni have garnered more than 50 international and national “firsts.” Read about them and understand that through education, dedication, and perseverance they achieved great success. But remember that they each began their journey here at Lincoln University, just as you are today.

I ask you to find your “FIRST” then use every resource that Lincoln offers toward achieving that goal. Remember that your success is only limited by your imagination and willingness to work hard. Imagine big and work hard. Be creative in your thinking and bold in your explorations. We all continue to face challenges and change brought on by Covid-19. I implore you to apply yourself and persevere to be prepared for your path forward. Change is not always easy, but if you embrace the campus and the changes, engage your faculty, and challenge yourself to reach for the stars, you will grow, you will mature, and you will be successful. We are here to assist you on your journey.

Sincerely,

A handwritten signature in black ink, appearing to read 'B A Allen'.

Brenda A. Allen '81
President

The 2025 catalog and future updates may also be found on the University website www.lincoln.edu via the Office of the Registrar homepage.

Lincoln University of the Commonwealth of Pennsylvania, in compliance with Title IX of the Education Amendment of 1972 and other Civil Rights laws, offers equal opportunity for admission and employment. The programs and activities of the University are offered to all students without regard to race, color, national origin, religion, age, sex, or physical disability.

University Catalog Disclaimer

It is the responsibility of each student to read, understand and apprise themselves of all the terms, conditions, and regulations set forth in the current Lincoln University Academic Catalog.

Lincoln University reserves the right to change or amend the policies, rules, regulations and procedures described in this catalog and/or website. The calendar, course requirements, descriptions, tuition and fees are also subject to change.

The provisions and requirements stated in this catalog are not to be considered as an irreversible contract between the student and the University. Lincoln University reserves the right to change any of the provisions or requirements at any time within the student's term of residence. No such change, however, will be applied retroactively to cause an extension of time normally required for completion of the student's program. The University reserves the right to cancel any announced program, major, or course, as well as change the course instructor or change the time it will be offered.

*GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government web site at <https://www.benefits.va.gov/gibill>.

LINCOLN UNIVERSITY

2025-2026

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Academic Calendar

2025-2026

Fall Semester

2025

Semester Dates		Aug 18-Dec 6
New Undergraduate Students Orientation	Sun-Sat	Aug 10-Aug 16
Returning student check in	Sat	08/16/25
Undergraduate Classes Begin	Mon	08/18/25
Last Day for Course Cancellations Adjustments (Low Enrollment Courses)	Mon	08/18/25
Last Day to Register/Add /Schedule Change	Fri	08/22/25
Last Day to Drop Courses (100% Refund)	Fri	08/29/25
Satisfactory Payment Arrangements Deadline	Fri	08/29/25
Enrollment Census Date	Fri	08/29/25
Labor Day – No Classes	Mon	09/01/25
All University Convocation	Thurs	09/04/25
Census Report Due to Registrar's Office	Thurs	09/04/25
Class Schedule Purged for Non-payment of Tuition and Fees	Mon	09/08/25
Enrollment Census Drop	Mon	09/08/25
Deadline to Petition for Census and Financial Reinstatement	Fri	09/12/25
Fall Semester 2025 Graduation Applications Deadline	Fri	09/26/25
Mid-Term Examination Week	Mon-Sat	Sept. 29 - Oct 4
Mid-Term grades due	Mon	10/06/25
Homecoming	Mon-Sat	Oct 6-11
Last Day to Drop a Class with a "W" Grade	Fri	10/24/25
Mandatory Registration begins	Mon	11/03/25
Last Day to Withdraw from the University	Fri	11/14/25
Spring Semester 2025 Graduation Application Deadline	Fri	11/14/25
Fall Break (No Class)	Mon-Fri	Nov 17-21
Last Day of Class	Fri	11/28/25
Reading Days	Sat-Mon	Nov 29 - Dec 1
Final Examinations	Tues-Sat	Dec 2-6
Final Grades Due by 12:00 p.m.	Mon	12/08/25

Spring Semester

2026

Semester Dates		Jan 5-Apr 25
New and Transfer student check in	Fri	1/2/26
New Student Orientation	Sat-Sun	Jan 3-4
Returning student check in	Sun	1/4/26
Undergraduate Classes Begin	Mon	1/5/26
Last Day for Course Cancellations Adjustments (Low Enrollment Courses)	Mon	1/5/26
Last Day to Register/Add /Schedule Change	Fri	1/09/26
Last Day to Drop Courses (100% Refund)	Fri	1/16/26

Satisfactory Payment Arrangements Deadline	Fri	1/16/26
Enrollment Census Date	Fri	1/16/26
Martin Luther King, Jr. - No Classes	Mon	1/19/26
Census Report Due to Registrar's Office	Thurs	1/22/26
Class Schedule Purged for Non-payment of Tuition and Fees	Mon	1/26/26
Enrollment Census Drop	Mon	1/26/26
Deadline to Petition for Census and Financial Reinstatement	Fri	1/30/26
Black History Month	Feb	
Spring Semester 2025 Graduation Application Deadline	Fri	2/13/26
Mid-Term Examination Week	Mon-Sat	Feb 16-21
Spring Break (No Class)	Mon-Fri	Feb 23-27
Mid-Term grades due	Mon	3/2/26
Mandatory Registration begins	Mon	3/23/26
Last Day to Drop a Class with a "W" Grade	Fri	3/27/26
Easter Recess (Good Friday)	Fri	4/3/26
Last Day to Withdraw from the University	Fri	4/10/26
Summer Term 2026 Graduation Application Deadline	Fri	4/10/26
Last Day of Classes	Fri	4/17/26
Reading Days	Sat-Mon	Apr 18-20
Final Examinations	Tues-Sat	Apr 21-25
Final Grades Due by 12:00 p.m.	Tues	4/28/26
Spring Commencement	Sun	5/3/26

Summer Term

2026

Summer Session A Dates		May 4 - Jun 19
Registration		March 23 - May 3
Classes Begin	Mon	5/4/2026
Last Day for Course Cancellations Adjustments (Low Enrollment Courses)	Mon	5/5/2026
Last Day to Register/Add /Schedule Change	Wed	5/6/2026
Last Day to Drop Courses (100% Refund)	Thur	5/7/2026
Satisfactory Payment Arrangements Deadline	Fri	5/8/2026
Enrollment Census Date	Fri	5/8/2026
Census Report Due to Registrar's Office	Mon	5/11/2026
Class Schedule Purged for Non-payment of Tuition and Fees	Wed	5/13/2026
Enrollment Census Drop	Wed	5/13/2026
Deadline to Petition for Census and Financial Reinstatement	Fri	5/15/2026
Last Day to Drop a Class with a "W" Grade	Fri	6/12/2026
Last Day of Classes	Fri	6/19/2026
Final Grades Due by 12:00 p.m.	Mon	6/22/2026

Summer Session B Dates		Jun 22 - Aug 7
Registration		March 23 - Jun 21
Classes Begin	Mon	6/22/2026
Last Day for Course Cancellations Adjustments (Low Enrollment Courses)	Mon	6/22/2026
Last Day to Register/Add /Schedule Change	Wed	6/24/2026
Last Day to Drop Courses (100% Refund)	Thur	6/25/2026
Satisfactory Payment Arrangements Deadline	Fri	6/26/2026
Enrollment Census Date	Fri	6/26/2026
Census Report Due to Registrar's Office	Mon	6/29/2026
Class Schedule Purged for Non-payment of Tuition and Fees	Wed	7/1/2026
Enrollment Census Drop	Wed	7/1/2026
Deadline to Petition for Census and Financial Reinstatement	Mon	7/6/2026
Last Day to Drop a Class with a "W" Grade	Fri	7/31/2026
Last Day of Classes	Fri	8/7/2026
Final Grades Due by 12:00 p.m.	Mon	8/10/2026

THE UNIVERSITY

The History of Lincoln University

Lincoln University was chartered in April 1854 as Ashmun Institute. As Horace Mann Bond, '23, the eighth president of Lincoln University, so eloquently cites in the opening chapter of his book, *Education for Freedom*, this was “the first institution found anywhere in the world to provide a higher education in the arts and sciences for male youth of African descent.” The story of Lincoln University goes back to the early years of the 19th century and to the ancestors of its founder, John Miller Dickey, and his wife, Sarah Emlen Cresson. The Institute was renamed Lincoln University in 1866 after President Abraham Lincoln.

Lincoln is surrounded by the rolling farmlands and wooded hilltops of southern Chester County, Pennsylvania. Its campus is conveniently located on Baltimore Pike, about one mile off US Route 1 – 45 miles southwest of Philadelphia, 15 miles northwest of Newark, Delaware, 25 miles west of Wilmington, Delaware and 55 miles north of Baltimore, Maryland.

Since its inception, Lincoln has attracted an interracial and international enrollment from the surrounding community, region and around the world. The University admitted women students in 1952, and formally associated with the Commonwealth of Pennsylvania in 1972 as a state-related, coeducational university. Lincoln currently enrolls approximately 2,000 students.

Located in southern Chester County, Lincoln is accredited by the Middle States Association of Colleges and Schools and offers academic programs in undergraduate study in the arts, sciences as well as graduate programs in human services, reading, education, mathematics and administration. The University is proud of its faculty for the high quality of their teaching, research and service, and of its alumni, among the most notable of whom are: Langston Hughes, '29, world-acclaimed poet; Thurgood Marshall, '30, first African-American Justice of the US Supreme Court; Hildrus A. Poindexter, '24, internationally known authority on tropical diseases; Roscoe Lee Browne, '46, author and widely acclaimed actor of stage and screen; Lawrence (Larry) Neal '61, one of the most influential scholars, authors and philosophers of The Black Arts Movement; Gil Scott-Heron, a legendary American soul and jazz poet, musician and author, attended Lincoln in the late 1960s; Lillian Fishburne, '71, the first African American female U.S. Navy Rear Admiral; Jacqueline Allen '74, judge for the Court of Common Pleas, Philadelphia; Philip Banks '84, former New York City Police Chief; Fred Thomas, Jr. '91, actor, director and three-time NAACP award-winning playwright; Comedian Will “Spank” Horton, who attended Lincoln in the late 90s, and Brittney Waters '13, professional women’s basketball player for the Ulster Rockets in Ireland.

Lincoln University has educated an impressive list of African-Americans who have distinguished themselves as doctors, lawyers, educators, businesspersons, theologians and heads of states. Many of Lincoln's international graduates have gone on to become outstanding leaders in their countries, including Nnamdi Azikiwe '30, Nigeria's first president; Kwame Nkrumah '39, first president of Ghana; Rev. James Robinson '35, founder of Crossroads Africa, which served as the

model for the Peace Corps; Sibusiso Nkomo, Ph.D. '81, chair, National Policy Institute of South Africa; and Tjama Tjivikua, Ph.D. '83, First Rector of the Polytechnic of Namibia in Windhoek.

During the first one hundred years of its existence, Lincoln graduated approximately 20 percent of the African-American physicians and more than 10 percent of the African-American attorneys in the United States. Its alumni have headed over 35 colleges and universities and scores of prominent churches. At least 10 of its alumni have served as United States ambassadors or mission chiefs. Many are federal, state and municipal judges and several have served as mayors or city managers.

Mission Statement

Lincoln University, the nation's first degree-granting Historically Black College and University (HBCU), educates and empowers students to lead their communities and change the world. It does so by:

- Providing a rigorous liberal arts education featuring active and collaborative learning;
- Integrating academic and co-curricular programs with the University's distinctive legacy of global engagement, social responsibility and leadership development; and
- Cultivating the character, values and standards of excellence needed to enable students to become responsible citizens of a global community.

Vision

Lincoln University will be a national model for both 21st century liberal arts undergraduate education and innovative graduate and professional programs.

Title IX of the Education Amendments of 1972, 20 U.S.C. § 1681, et seq., and its implementing regulations, 34 C.F.R. Part 106, prohibit discrimination on the basis of sex in the University's programs or activities. It is the expressed policy of Lincoln University to comply with Title IX. The following person has been designated to handle inquiries regarding the non-discrimination policies: Gerard Garlic, Title IX Coordinator, Room 126B, Lincoln University, 1570 Baltimore Pike, Lincoln University, PA 19352, phone 484-746-0000 or Office of Civil Rights, U.S. Department of Education, the Wanamaker Building, 100 Penn Square East, Suite 515, Philadelphia, PA 19107-3323, phone 215-656-8541, fax 215-656-8605, email: ocr.philadelphia@ed.gov.

Accreditation and Nationally Approved Programs

Since December 1, 1922, Lincoln University has been accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104 (267-284-5000). The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.

The Chemistry Program is approved by the *American Chemical Society*.

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International Cultural Center

ADMISSIONS

Undergraduate Admissions-General Information

Lincoln University seeks to admit and enroll students who are prepared to succeed in The University's programs of study. In order to determine an applicant's readiness for success at Lincoln, the University needs an accurate appraisal of the student's academic achievement and ability.

Lincoln University, in accordance with applicable Federal and State Laws and University Policies, does not discriminate on the basis of race, color, national origin, religion, gender, disability, age, medical condition, ancestry, marital status, citizenship, sexual orientation, or status as a Vietnam-era veteran or special disabled veteran. This nondiscrimination policy covers admission, access, and treatment in University programs and activities.

Office of Undergraduate Admissions

1570 Baltimore Pike
Lincoln University, PA 19352
800-790-0191 (toll free)
484-365-8109 (fax)
admissions@lincoln.edu
www.lincoln.edu/admissions

Application Procedures

Lincoln University's application for admission is available online at: www.lincoln.edu/apply-now

Entry Term	Priority Deadline
Fall	May 1
Spring	December 1

After these dates, applications will be considered on a space-available basis. (Students seeking housing on campus will want to apply as soon as possible, as housing is limited and is not guaranteed).

First-time Freshmen

First-time freshmen are applicants whom have graduated from high school (or received their General Educational Development credential) and have not attended a college or university. First-time freshmen must submit the following documents:

- ☐ Completed free application High School Transcript
- ☐ Test Scores (ACT or SAT) recommended but not required for admissions

Lincoln University welcomes admission applications from prospective first-time freshmen after they have completed their eleventh grade year, when final grades have posted and course selection for the senior year is reflected. The SAT or ACT should be taken late in the junior year and again early in the fall of the senior year; however, it is not required for admissions at Lincoln University. Students who have graduated from high school, but not have attended a college, would not be required to take the ACT or SAT. These students' admission into Lincoln would be based solely upon their high school transcripts.

First-year Transfers

First-year transfers are applicants whom have attended one or more regionally accredited college(s) or universities and have accrued less than 29 transferable credits but wish to continue their education at Lincoln University. First-year Transfers must submit the following documents:

- ☐ Complete free application
- ☐ High school transcript
- ☐ Test scores (ACT or SAT) recommended but not required for admissions
- ☐ College transcript (from all institutions attended)
- ☐ Transfer student dean certification form (from all institutions attended)

Transfer Students

Transfer students are applicants whom have attended one or more regionally accredited college(s) or universities and have accrued 30 or more transferable credits but wish to continue their education at Lincoln University. Transfer students must submit the following documents:

- ☐ Complete free application
- ☐ College transcript (from all institutions attended)
- ☐ Transfer student dean certification form (from all institutions attended)

On the basis of the college transcript, a tentative estimate will be given to the candidate identifying the work to be completed and the approximate length of time it will take to earn a degree. Students from an institution that is not regionally accredited will have their General Education course work evaluated by the Office of the Registrar and major requirements by the respective academic department.

Students with an Associate's degree:

Students who transfer to Lincoln University with an associate degree in a parallel degree program from a regionally accredited college/university will have their General Education/core curriculum courses considered complete. Students may have to complete additional coursework depending on the major and prerequisites required for major courses, as determined by the academic department.

Students with a Bachelor's degree:

Students that transfer to Lincoln University with a bachelor's degree from a regionally accredited college/university will have their General Education/core curriculum courses considered complete.

Students may have to complete additional coursework depending on the major and prerequisites required for major courses, as determined by the academic department.

It is the applicant's responsibility to see that all the appropriate steps are completed in filing an application for admission.

Admission Requirements

Lincoln University reviews applications on a rolling basis. Applicants will be notified of a decision on a rolling basis as their completed application is reviewed. Some applicants will be asked to submit new information to support their applications for admission, usually first-semester senior year grades and/or new SAT or ACT scores and/or final college grades and/or a personal statement. Applicants who are asked to submit additional information will be reviewed upon receipt of that information. All offers of admission are contingent upon satisfactory completion of senior year courses, college coursework and a continuing record of good character.

Lincoln reserves the right to rescind admission for unsatisfactory academic performance or social behavior anytime. Additionally, an offer of admission ordinarily will be withdrawn if Lincoln University discovers that a false statement or falsified material was submitted in connection with an application. If the misrepresentation is discovered after a student has

enrolled, the student will be subject to loss of credits earned and separation from the University.

High School Requirements

Students must possess a high school diploma, GED, or equivalent by the start of their intended term of entry. Each candidate for admission must complete a minimum of 21 credits in grades 9 through 12. These credits must come from a standard senior high school, accredited either by the state authorities or by a regional accrediting body, or from an approved General Education Diploma (GED) program.

The 21 credits should be distributed as follows:

4 units of English	3 units of Mathematics
3 units of Social Studies	3 units of Science
2 units of Arts or Humanities or both	1 units of Health and Physical Education
5 units of Electives*	

*Student selects 5 additional courses from among those approved for credit toward graduation by the school district, including approved vocational education courses.

Please check the Admissions webpage for any updated requirements that may supersede this academic catalog.

Entrance Exam Information

First-time freshmen and first-year transfer students seeking admission can take either the Scholastic Aptitude Test (SAT) or the American College Test (ACT); however, these exams are not required for admissions. The candidate is responsible for requesting that the test scores be sent to Lincoln University, either by indicating Lincoln University on the application or, at a later date, by special request.

Entrance Exam	Lincoln University School Code
Scholastic Aptitude Test (SAT)	2367
American College Test (ACT)	3614

Admission for International Students

International students should submit official copies of transcripts listing all subjects taken and grades received. He or she should submit the General Certificate of Education or its equivalent, a letter of recommendation from the principal of the secondary school attended, and a

character recommendation, preferably from a teacher or some other professional person who knows the applicant well.

Applicants whose native language is not English are required to take the Test of English as a Foreign Language (TOEFL). Applicants whose native language is English are required to take the Scholastic Aptitude Test (SAT).

Registration forms for the TOEFL and the SAT can be obtained from the Educational Testing Service at the following address: Box 6151, Princeton, New Jersey 08541-6151. The telephone number is 609-771-7100.

A statement signed by the person who will be responsible for the financial obligation of the applicant to the University is also required. International students are encouraged to pay particular attention to the fee structure, which is included in the General Statement pertaining to school expenses. Payment of the first semester's tuition and fees and room and board charges are required before the issuance of INS Form I-20 to the student.

Advanced Placement

Lincoln University participates in the College Board Advanced Placement Program and awards course exemptions and college credit to entering students with qualifying scores. Students who have received a score of three or higher on any of the Advanced Placement Examinations of the College Board will be eligible, in the area of each examination, for advanced placement and credit toward graduation as determined by the appropriate department.

Lincoln University is a participant in the College Level Examination Program (CLEP). The University will grant credit for CLEP General Examination and Subject Examinations. CLEP General Examination credits will be granted to entering freshmen on the basis of Lincoln University norms. CLEP General and Subject Examination Credit will be granted to freshmen, transfer or current students according to the requirements established by the American Council on Education (ACE). Department approval must be obtained before taking a subject examination. The student should contact the Registrar's Office for other requirements.

International Baccalaureate

Lincoln University participates in the International Baccalaureate (IB) program and awards course exemptions and college credits to entering students with qualifying exam scores. Students who have received a score of five or higher on any of the IB examinations will be eligible for credit, in the area of each exam, for advanced placement and awarded credit toward graduation as determined by the appropriate academic department.

After Admission

After being admitted, and before registering for classes, the student must submit an official final high school transcript (*first time freshmen only*) and satisfy the obligations listed below:

Acceptance Fee

A \$275 registration fee is required of each new student to reserve a space at the University. This fee is non-refundable. If an applicant fails to attend after admission, the fee will be forfeited and a later admission will require a new fee.

Medical History

The state of Pennsylvania requires that all entering students present a health form along with their immunization records, signed by a licensed physician, assessing the students' state of health before they can be cleared for registration.

Health Insurance

Lincoln University requires that all registered students attending classes at the main campus ("MC students") possess health insurance that meets specific federal and school requirements.

To ensure that these requirements are met, MC students will be enrolled in the Lincoln University Student Health Insurance Plan ("LUSHIP"). MC students who are insured under another health insurance plan may request to waive this insurance coverage. Exception: International students are required to enroll in LUSHIP and may not waive coverage.

Placement Testing and Academic Advising

Placement in the appropriate Math courses is determined by student performance on the placement tests administered by the university. Students scoring below the established norm for Lincoln University students will be required to take in Math. However, students can opt to take a more advanced math course if they have a strong background in math as demonstrated by High School grades and other equivalent preparation or exposure(s).

Students who took two years or more of a foreign language in junior/high school and wish to take that same language at Lincoln University are required to take the language placement exam. For more details, see Department of Foreign Languages and Literatures.

All newly admitted undergraduate students are assigned advisors by the Academic Advising Center and must consult with them before making a final choice of courses.

School of Adult and Continuing Education – General Admission Information

The School of Adult and Continuing Education (SACE) Office of Admissions at Lincoln University is committed to enrolling adult learners and graduate students who are prepared to thrive in their chosen programs of study (Business, Education, or Human Services.) To ensure each applicant is ready for academic success, the University seeks a comprehensive and accurate understanding of their prior

academic performance, professional experience, and overall readiness to engage in rigorous graduate- and adult-level coursework.

Office of Admissions
School of Adult and Continuing Education
 3020 Market Street, Fourth Floor
 Philadelphia, PA 19104
 P: 215-590-8244
 E: sace@lincoln.edu

Application Procedures

Lincoln University's application for SACE admission is available online at lincoln.edu/applysace.

SACE Application Priority Deadline

Entry Term	Priority Deadline
Fall	July 15
Spring	November 15

After these dates, applications will be considered on a case-by-case basis.

Admission Requirements

SACE Admissions at Lincoln University reviews applications for adult undergraduate and graduate programs on a rolling basis. Applicants are notified of an admission decision once their application is complete and has been reviewed by the appropriate academic or admissions department.

Admissions decisions are guided by criteria established by each academic program and aligned with University policy. In some cases, applicants may be asked to submit additional documentation to support their application - such as updated transcripts, a revised personal statement, or supplemental materials relevant to the program.

All offers of admission are contingent upon the satisfactory completion of any in-progress coursework, continued academic performance, and a conferred academic degree. Lincoln University reserves the right to rescind an admission offer at any time in cases of unsatisfactory academic standing.

Additionally, any offer of admission may be withdrawn if false information or falsified documents are submitted as part of the application process. If such misrepresentation is discovered after enrollment, it may result in loss of credit and/or separation from the University.

Undergraduate Adult -Learner High School Requirements

Applicants must have earned a high school diploma, GED, or equivalent by the start of their intended term of entry at Lincoln University. An official final high school transcript or GED certificate is only required if

the applicant is transferring less than 30 college-level credits. In addition to academic requirements, applicants with fewer than 45 transferable credits must demonstrate a minimum of three years of work-related experience. Applicants with 45 or more transferable credits must demonstrate at least one year of work-related experience.

- Application
- Official Final High School Transcript or General Equivalency Diploma/GED
- **Official College Transcript(s)**
- Professional Résumé

Transfer Requirements

Applicants with transferable credit are considered transfer applicants and must meet the following requirements:

- Have earned college credit from a previously attended accredited institution
- Possess a minimum combined GPA of 2.0 from all institutions previously attended

Upon review of the college transcript(s), a tentative evaluation will be provided outlining the remaining coursework and estimated time to degree completion.

Students transferring from institutions that are regionally accredited will have their education coursework evaluated by the Office of the Registrar's Office for potential transfer equivalency.

Applicants with an Associate's degree:

Students who transfer to Lincoln University with an associate degree in a parallel degree program from a regionally accredited college/university will have their General Education/core curriculum courses considered complete. Students may have to complete additional coursework depending on the major and prerequisites required for major courses, as determined by the academic department.

Graduate Requirements

Applicants must hold a conferred bachelor's degree from a regionally accredited institution by the start of their intended term of entry to be eligible for admission to any graduate program at Lincoln University.

- Application
- Official Final College Transcript
- Two letters of Professional Reference
- Professional Résumé

Additional admission requirements per academic program:

Master of Arts in Human Service (MAHS):
Personal Statement (500 Words)

- What personal or academic experiences led you to pursue your graduate degree in human services at this time? In other words, was there a defining moment that solidified your decision to apply to graduate school?
- What skills or knowledge do you hope to gain during your graduate studies?
- How will earning this degree help you contribute to the field of human services or to your community?
- What strengths or qualities make you a strong candidate for this program?

Master of Education (M.Ed.):

Personal Statement (Optional)

- In 500 words, describe the professional skills you bring to Lincoln University. What do you hope to accomplish during your time at Lincoln, and how does this align with your future career goals? Additionally, how do you plan to use a degree from Lincoln University to support your aspirations?

State Clearances

While not an admissions requirement, all students admitted to any Master of Education (M.Ed.) program are required to submit current clearances to the academic department before matriculation.

Required documents include:

- Federal Bureau of Investigation (FBI) Fingerprint Background Report
- Pennsylvania State Criminal Background Check
- Pennsylvania Child Abuse Clearance
- PDE 6004 Certification Form (Arrest/Conviction Report)
- Tuberculosis (TB) Test Results

Graduate Non-Matriculation Requirements

To enroll as a graduate non-matriculated student, applicants must possess a conferred degree at the undergraduate level.

- Application
- Official Final College Transcript
- Professional Résumé

International Admission Requirements

Official TOEFL or IELTS exam scores if you are a non-native English speaker

- A score of 500 on the Paper-Based (PBT) or a score of 71 on the Internet-Based (IBT) Test of English as a Foreign Language (TOEFL) is required for applicants whose native language is not English. **Lincoln's school code is 2367.** Only official reports from ETS will be accepted. Note: In lieu of the TOEFL (if not offered in your country), applicants may submit

results from IELTS (International English Language Testing System (IELTS) with an overall score of 6.5.

- An official document that validates completion and conferral of a degree, diploma and/or certificate. Documents must be evaluated by an accredited evaluation service. Applicants are encouraged to submit transcripts to World Education Services/WES or SpanTran for evaluation.
- Affidavit of Support form and the supporting financial/income documentation showing proof of funds to cover your academic expenses for the duration of your time at Lincoln University. Multiple sponsors are permitted; however, the dollar amount must be indicated.
 - A sponsor letter stating the sponsor's name, your name, relationship to the sponsor, and the sponsor's intent to be responsible for your expenses; if you are self-sponsored, you should submit a letter stating that you are sponsoring yourself.
 - Recent monthly bank statement; if the statement is in a foreign currency, the U.S dollar equivalent and conversion rate must be stated. The balance must match or exceed the total completed in the "1st Year" column on the Financial Resources Form; a letter written by a bank is not acceptable.
- Immigration Form I-20 (Certificate of Eligibility), is required to obtain a student visa but is not issued until the applicant has:
 - a) Officially been accepted by Lincoln University and accepted the offer of admission;
 - b) Paid the enrollment fee and;
 - c) Submit a financial statement indicating how expenses will be met while attending the University.
- Submit a copy of the passport

Please contact the Office of International Programs with additional questions or concerns related to international admission.

Phone: 484.365.7785 or 484.365.7786

Email: international@lincoln.edu

Personal Interviews

SACE faculty designated as members of the admissions review committee reserves the right to request an admissions interview with any applicant during the application review process. All interview requests will be coordinated by the SACE Office of Admissions.

Official Final Academic Transcripts

All admitted students are required to submit a final, official academic transcript reflecting a conferred degree to the SACE Office of Admissions as a condition of enrollment and prior to registration.

Failure to submit the required transcript will result in an Admissions Hold being placed on the student's record. This hold will prevent course registration and progression until the official transcript is received and verified.

Acceptance Fee

At this time, SACE Admissions does not require an enrollment or acceptance fee to confirm admission offers. However, the SACE Office of Admissions reserves the right to revise this policy at the start of any academic year, subject to institutional review and approval.

Deferment Process

Admitted students to SACE may request to defer their admission under the following conditions:

- Students who are granted a deferral may not enroll at another college or university during the deferral period. If they do, Lincoln University reserves the right to deny credit for any coursework completed during that time. Additionally, the student will be required to submit official transcripts from any institution attended and will be subject to a new admissions review.
- Deferrals are allowed for up to one year from your original start term.
- Students who defer will pay the tuition and fees in effect when they officially enroll and begin classes.

FINANCES AND STUDENT FINANCIAL AID

Offices, Financial Clearances, and Responsibility

The Office of the Bursar is the administrative unit of Lincoln University that is responsible for student accounts, including charging all tuition and fees, receipt of payments (including monies transferred on the behalf of students from banks and governmental agencies) and authorizing payments and refunds to students.

The Office of the Bursar is located on the second floor of Lincoln Hall. Correspondence should be addressed to: Office of the Bursar, Lincoln University, Lincoln University, PA 19352. The telephone numbers are 484-365-8080 or 855-287-4003; and the fax number is 484-365-8130. Additionally, the office may be contacted via email at bursaroff@lincoln.edu.

The Office of the Bursar determines when a student is “financially cleared” and is therefore eligible for enrollment in classes and living in the residence halls. Financial clearance can be granted by the Bursar based on the actual receipt of funds, evidence of payment plans arranged through tuition payment plans (TMS described later in this section), and an award letter issued by Financial Aid. The Bursar can change a student’s status from cleared to not cleared at any time if there are changes in the student’s award letter or external payment plans. The Bursar determines financial clearance based on the current status of an account, including all payments and charges – not just the payments and charges for the current term.

The student always has ultimate responsibility for payment of all financial obligations to the University.

Lincoln University will issue transcripts or diplomas only when the student is “paid in full” as determined by the Office of the Bursar.

While it is recognized that in most instances parents are responsible for paying some or all of the educational expenses, it is nevertheless expected that all students keep themselves effectively informed regarding their financial requirements of the university and the way in which their financial obligations are being met. Bills are available via <http://luselfservice.lincoln.edu/> to students and parents.

Undue delay or failure in making and carrying out financial arrangements according to University regulations will cause the student to become ineligible to register for classes or receive grades.

Registration for a new semester including room reservation, is conditional upon satisfactory settlement of all financial obligations of any previous semester, in addition to charges for the new semester.

Payment of School Expenses

On or about July 1 and November 25 a bill will be available on LU Self-Service indicating the net charge, which must be paid by the following dates to be eligible for registration.

Fall semester- Total payment or arrangement prior to July 31

Spring semester- Total payment or arrangement prior to December 1

The net charge payable is the total estimated expenses less University Financial Aid and payments made to date.

Remittances

You will have the option to login to your student account on LU Self-Service at <http://luselfservice.lincoln.edu/> to make a payment. It is preferred to use the online payment option as this represents a faster method of ensuring your payment is processed in a timely manner. The following methods of payment will be accepted online: Visa Credit, Visa Debit, Mastercard Credit, Mastercard Debit, Discover Credit, Discover Debit, or Electronic Check (personal bank accounts only). If you are mailing your payment, your certified checks, cashier's checks, or money orders should be made payable to "Lincoln University" and addressed to Lincoln University, Office of the Bursar, 1570 Baltimore Pike, Lincoln University, PA 19352.

Students who are receiving payments from a third party agency (i.e. Veteran's education benefits, Vocational Rehabilitation, employer/employee/dependent benefits) should provide any relevant agency information to the Office of the Bursar in advance of the scheduled bill due date.

Tuition Payment Plans

Refer to our [website](#) or contact the Office of the Bursar by email at bursar@lincoln.edu regarding information on a deferred payment plan. It is required that 80% of your current semester's bill be covered by financial aid and/or payments. The other 20% can be placed on the deferred payment plan. Prior semester balances must be paid in full in order to begin a new semester payment plan.

Social Security Beneficiaries and Employer Payments

Students who receive benefits under programs of federal or state agencies, such as the Social Security Administration must meet the payment deadlines of the University even if they have not yet received their benefits from the governmental agencies. In cases where an agency can or will make payment directly to the University, the Bursar may defer receipt of the funds upon presentation of acceptable evidence from the agency.

Similarly, if some or all of a student's education expenses are to be paid directly to the University by his or her employer, the Bursar may defer receipt of the funds upon presentation of acceptable commitment from the employer. The University cannot defer such payments if it is contingent upon achievement of a certain grade. The University also cannot defer receipt of payment based on an employer's future reimbursement to the student of his or her educational expenses – the student must satisfy obligations by the corresponding deadlines and seek reimbursement later.

Since the University does not receive funds from the government for tuition and fees for Social Security recipients, students registered under such authorizations must make payments according to the schedule shown for all students.

Veteran Benefits

The Veterans Access, Choice and Accountability Act of 2014

A. Veteran- An individual who served in the United States Armed Forces (military, naval, or air service), including a reserve component or the United States National Guard and commissioned corps of the public Health Service or National Oceanic and Atmospheric Administration, and who has been discharged or released from service under conditions other than dishonorable. Note: All references to veterans in this document included covered individuals as defined in Section B.

B. Covered Individual

1. An individual (typically a spouse or child) listed as a dependent in the Defense Enrollment Eligibility Reporting System (DEERS).
2. An individual (typically a spouse or child) using benefits under U.S.C Chapters 33 and/or 35, relating to the Marine Gunnery Sergeant Davis Fry Scholarship and/or other survivor and dependents benefits, who lives in the Commonwealth of Pennsylvania (regardless of his/her formal state of residence) and enrolls in a State System or affiliate university.
3. An individual (typically a spouse or child) that can provide evidence they are a dependent of a military service member to include veterans or retirees.

Required Documentation

Veterans shall provide the following:

1. A Member 4 copy of the veteran's DD Form 214 (DD214) in order to establish the veteran's discharge date and period of honorable active duty of 90 days or more (multiples of the veteran's DD214 may be used to establish qualifying time period and service status).
2. A copy of the federal Veterans Affairs Certificate of Eligibility (COE) that establishes eligibility for GI Bill® educational benefits.

Covered Individuals shall provide the following:

1. A copy of the Veterans Affairs Certificate of Eligibility (COE) that establishes the transferred benefits or general eligibility of benefits.
2. A Member 4 copy of the transferor's or veteran's DD214.

If the necessary documentation is not provided, the student shall be charged out-of-state tuition.

Lincoln University shall ensure the safety and confidentiality, as appropriate, of all documentation submitted.

The Veterans Benefits and Transition Act of 2018

Lincoln University will allow any covered individual to attend or participate in registered courses at the start of a semester (term) as determined by the published academic calendar. Further, Lincoln will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

Covered Individual

Any individual who is entitled to educational assistance under Chapter 31- Vocational Rehabilitation and Employment (VRE) or Chapter 33- Post-9/11 GI® Bill benefits.

Chapter 31- Vocational Rehabilitation and Employment (VRE)

1. Assists veterans with service-connected disabilities to prepare for, find, and keep suitable jobs
2. Provides comprehensive rehabilitation evaluation to determine abilities, skills and interests
3. Offers assistance with post-secondary training at a college, vocational, technical or business school
4. For veterans with a disability rating greater than 20%
5. Pays tuition and fees, books and supplies voucher, and monthly housing stipend
6. Must see a Vocational Rehabilitation counselor to determine eligibility

Chapter 33- Post 9/11 GI Bill ®

1. The Post 9/11 GI Bill® provides financial support for education and housing to individuals with at least 90 days' aggregate service on or after September 11, 2001, or individuals discharged with a service-connected disability after 30 days. You must have received an honorable Discharge to be eligible.
2. May transfer some or all of entitlement to dependents if sponsor is on active duty
3. Percentage of benefits paid is based on amount of active duty time after Sep 11, 2001 (40– 100%)
4. Pays tuition and fees, book stipend, and housing stipend to the percent of benefits payable of sponsor and training time (full-time vs. part-time)

Uncovered Charges

Student Veterans must make and comply with payment arrangements for the amount that is the difference between the total amount due from all eligible charges and the amount the VA educational benefit disburses.

Eligible charges include, but are not limited to:

1. Acceptance Fee
2. Tuition
3. Mandatory Fees
4. Room & Board*
5. Lab Fees
6. Graduation Fee

**This fee is not directly covered by VA Educational benefits payments made on behalf of the Student Veteran.*

Documentation

- Covered Individuals must submit a Certificate of Eligibility (COE), which establishes entitlement for Chapter 33 benefits from the U.S. Department of Veterans Affairs or Authorization and Certification of Entrance or Reentrance into Rehabilitation and Certification of Status (VA Form 28-1905).
- A Benefits Enrollment Form (written request) must be completed prior to the start of each semester (term) showing intent to use such entitlement.
 - If not provided, the Student Veteran may experience a delay in the submission of a certification through VA-ONCE requesting payment on their behalf.
- Lincoln University shall maintain copies of these documents in accordance with the Student Veteran's filing procedures.

TUITION AND FEES FOR 2025-2026

All fees are subject to change.

Undergraduate Students

TUITION AND FEES (12-20 Credits)

Pennsylvania Residents	FALL	SPRING	TOTAL
Tuition (12-20 credits)	4,673	4,673	9,346
General Fee	493	493	986
Student Services Fee	339	339	678
Technology Fee	497	497	994
Student Enhancement Fee	424	424	848
Student Achievement Fee	20	20	40
Health Insurance	455	455	910
Personal Property Insurance	33	33	66
Laboratory (each)	126	126	252
Total Day Student (sophomores and juniors)	7,060	7,060	14,120
Matriculation	264		264
Orientation	264		264
Total Day Student (freshmen and transfers)	7,588	7,060	14,648
Graduation	240		240
Total Day Student (seniors)	7,300	7,060	14,360
 ROOM AND BOARD	 FALL	 SPRING	 TOTAL
Room - Double (Single – 4,067)	3,435	3,435	6,870
Board 19 meals	2,806	2,806	5,612
Acceptance Fee	275		275
 Total Room and Board	 6,241	 6,241	 12,482
 Total Resident Student (freshmen and transfers)	 14,104	 13,301	 27,405
Total Resident Student (sophomores and juniors)	13,576	13,301	26,877
Total Resident Student (seniors)	13,816	13,301	27,117

TUITION AND FEES - Part time (less than 12 credits and over 20)**Pennsylvania Residents**

Tuition per credit	392
General Fee	53
Student Services Fee	33
Technology Fee	53
Student Enhancement Fee	38
Student Achievement Fee	20
Total Tuition and Fees	589

TUITION AND FEES**Non-Pennsylvania Residents**

	FALL	SPRING	TOTAL
Tuition (12-18 credits)	7,798	7,798	15,596
General Fee	965	965	1,930
Student Services Fee	342	342	684
Technology Fee	501	501	1,002
Student Enhancement Fee	427	427	854
Student Achievement Fee	20	20	40
Health Insurance	455	455	910
Personal Property Insurance	33	33	66
Laboratory (each)	126	126	252
Total Day Student (sophomores and juniors)	10,667	10,667	21,334
Matriculation	264		264
Orientation	264		264
Total Day Student (freshmen and transfers)	11,195	10,667	21,862
Graduation	240		240
Total Day Student (seniors)	10,907	10,667	21,574
ROOM AND BOARD	FALL	SPRING	TOTAL
Room - Double	3,435	3,435	6,870
Board 19 meals	2,806	2,806	5,612
Acceptance Fee	275		275
Total Room and Board	6,516	6,241	12,757

Total Non-Resident Student (freshmen/transfers)	17,711	16,908	34,619
Total Non-Resident Student (sophomores and juniors)	17,183	16,908	34,091
Total Non-Resident Student (seniors)	17,148	17,388	34,536

TUITION AND FEES - Part time (less than 12 credits and over 18)

Non-Pennsylvania Residents

Tuition per credit	657
General Fee	89
Student Services Fee	34
Technology Fee	54
Student Enhancement Fee	41
Student Achievement Fee	20
Total Tuition and Fees	895

* Rates subject to change, all figures are in dollars

Fixed Rate Tuition

Incoming undergraduate students are eligible for fixed rate tuition based on the start year. This means that the tuition rate will remain the same for four years of consecutive enrollment. Students not completing in four years would be subject to the rate increase for the current year. The fixed rate only applies to tuition and does not include mandatory fees or room and board.

Miscellaneous Fees

(Pennsylvania and Non-Pennsylvania Residents)

Practice Teaching, \$158/ Late Registration, up to \$55/ Music Fee, \$88/ Music Practice (non-major), \$31/ Graduate Record Examination, \$70/ Art Fee, \$150/ Praxis Examination, \$124

Students who do not provide evidence of medical insurance coverage will be required to pay the premium (currently \$1,418) for medical insurance available through the University.

All students are required to complete at least two natural science courses that include laboratories. The lab fees for these are included in the example above for first time students since these courses are commonly taken in the first year.

The number of times special course fees will be needed will depend on a student's major and whether or not they study foreign languages.

- Biology, chemistry, and physics majors can expect to have one or more laboratory fee charges each semester. Music majors can expect to pay \$88 fees for every private lesson and ensemble course and every piano instruction class.

ALL FEES ARE SUBJECT TO CHANGE

Room and Board

All students living in the residence halls must purchase one of the meal plans. The Board of Trustees has not authorized any exceptions to this policy.

Alumni Discount

Children and grandchildren of graduates of Lincoln University who are enrolled in undergraduate programs and are in good financial standing with the University receive a discount of twenty-five percent (25%) on tuition charges. Other fees and charges are not subject to the Alumni Discount.

Graduate Students

TUITION AND FEES (12 credits)

Pennsylvania Residents

	FALL	SPRING	TOTAL
Tuition (12 credits)	5,306	5,306	10,612
General Fee	435	435	870
Technology Fee	179	179	358
Total Day Student	5,920	5,920	11,840

Graduation Fee (Aug, Dec or May)	240
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PART TIME TUITION AND FEES

Pennsylvania Residents

Tuition per credit	537
General Fee	44
Technology Fee	16
Total Tuition and Fees	597

TUITION AND FEES (12 credits)

Non-Pennsylvania Residents

	FALL	SPRING	TOTAL
Tuition (12 credits)	8,818	8,818	17,636
General Fee	483	483	966
Technology Fee	170	170	340
Total Day Student	9,471	9,471	18,942

Graduation Fee (Aug, Dec or May)	240
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PART TIME TUITION AND FEES

Non-Pennsylvania Residents

Tuition per credit	931
General Fee	51
Technology Fee	16
Total Tuition and Fees	998

Refund Policies

Upon the withdrawal of a student for reasons other than disciplinary, a portion of the tuition may be refunded based on the official date of withdrawal. Fees are not refundable.

<u>If the date of withdrawal is:</u>	<u>Tuition Refund</u>
Between one and two weeks	80%
Between two and three weeks	60%
Between three and four weeks	40%
Between four and five weeks	20%
Over five weeks	0%

A proportionate refund for board will be made upon official withdrawal or absence for a period of six weeks or more provided that notice of withdrawal has been received by the Office of the Registrar. No refunds will be made for room, general fees, orientation, matriculation, laboratory, music fees, insurance or other miscellaneous fees after a student has registered – even when the student withdraws from a course.

Housing and Meals Refund Policy

Refund policy for students who are assigned on-campus housing but choose to move off-campus after checking in:

- If the student moves off campus prior to the published Last Day to Add or Drop Courses, a prorated amount for housing and meals will be assessed.
- If the student moves off campus after the published Last Day to Add or Drop Courses, the student will be responsible for 100% of the housing charge and a prorated amount for meals.

STUDENT FINANCIAL AID

The Office of Financial Aid is located on the second floor of the Student Union Building. Correspondence should be addressed to: Office of Financial Aid, Lincoln University, Lincoln University, PA 19352. The telephone numbers are 484-365-8000, 484-365-7564, 800-561-2606, and the fax number is 484-365-8198.

The Office of Financial Aid assists students in obtaining the financial resources they need to meet their obligations to the University. Financial Aid counselors work to develop a “package” of resources by combining grants, scholarships, loans, and on-campus jobs. Grants are provided by both federal and state governmental agencies. Loans may be “subsidized” which means the Department of Education, there is no interest accumulating while a student is in school and enrolled for half-time (6 credits) or more. The student is responsible for the interest on unsubsidized loans as soon as the loan(s) disburse. For most types of loans, repayments begin only after the student is no longer enrolled at least half-time in a post-secondary institution. On-campus jobs include “work-study” that is funded by governmental sources and “work-aid” that is funded by the University’s own budget. The terms and conditions may be different for each type of aid – students should make sure they understand the rules for every type of aid they receive.

Eligibility for all forms of financial aid, including work-study and most University funded scholarships, requires the completion of the “Free Application for Federal Student Aid” (FAFSA). Thereafter, the Office of Financial Aid may also require the submission of documents, such as income tax returns of the student or parents, in order to provide evidence of eligibility, through a verification process. In order to expedite processing we encourage students to file online at www.studentaid.gov. Online processing, of the FAFSA, takes about one week. Students who choose not to apply online may obtain a paper FAFSA by calling Federal Student Aid at 1-800-433-3243.

All FAFSA applications should be filed by April 1 for the subsequent academic year for the student to receive priority consideration for most types of financial assistance. A student whose FAFSA is filed late or whose supporting documents are not received timely are subject to the availability of funds. Financial aid is awarded on an annual basis and is renewable from year to year as long as the student maintains satisfactory academic progress and meets all other eligibility requirements based on the FAFSA completion.

Financial Aid Satisfactory Academic Progress Standards

Satisfactory Academic Progress (SAP) denotes a student’s successful completion of coursework toward a degree. The Higher Education Amendment Act of 1965, as amended, mandates institutions of higher education to establish a minimum standard of “Satisfactory Academic Progress (SAP)” for students receiving federal financial aid. Lincoln University makes its standard applicable to all federal, state, and institutional funds. Satisfactory academic progress applies to all terms regardless of whether financial aid was received. Satisfactory Academic Progress will be evaluated for all students (full or part-time) annually (at the end of each spring semester).

Students who enroll at the mid-point (January) of an academic year or attend one semester only will also be evaluated at the end of the spring semester. Thereafter, these students will be evaluated at the end of the academic year unless on a financial aid appeal.

To ensure Satisfactory Academic Progress students must meet all of the following standards:

- Minimum Cumulative Grade Point Average (GPA)
- Minimum Completion Standard for Attempted Credit Hours
- Maximum Time Frame for Degree Completion

Undergraduate SAP Requirements

All undergraduate students must maintain the following minimum requirements to be in compliance with SAP:

Total Number of Attempted Hours:	Minimum Cumulative GPA:
0-29	1.50
30-59	1.75
60+	2.0

Graduate SAP Requirements

All graduate students must maintain the following minimum requirements to be in compliance with SAP:

- Must have a Cumulative Grade Point Average of 3.0 or higher
- Must Earn 67% of Hours Attempted
- Must not Exceed 150% of Hours Required for Degree Completion

Completion Standard for Attempted Credit Hours

Students who receive financial aid must successfully complete a minimum of 67% of all attempted hours. If the number of completed hours drops below 67%, the student will no longer be eligible for financial aid. Attempted hours include all hours attempted at the University and transfer hours, whether or not the student earns a grade or receives credit. Successful completion of a course means the student received a grade of A, B, C or D (excluding a grade of D for a graduate student or courses required for the major-undergraduate or graduate).

To calculate, multiply the total number of attempted hours by .67 (rounded downward to the nearest whole number). As an example, if a student attempted 30 credit hours, she must complete a minimum of 23 credit hours ($30 \times .67 = 23$) in order to ensure SAP for the year.

Maximum Time Frame

The number of credit hours a student attempts may not exceed 150% of the number of credit hours required for graduation in his or her program of study, as published in the University Bulletin. If the published number of hours required for graduation is 120, an undergraduate student may not attempt more than 180 credit hours ($120 \times 1.50 = 180$) and continue to receive financial aid. All attempted hours are counted in determining the 180 hours limit, including transfer hours, whether or not financial aid was received or the course work was successfully completed. This is to include students who are pursuing a second degree.

Second Degree Students

Students who have already earned a degree and are pursuing another degree. Second-degree students cannot exceed the aggregate loan limit. Second-degree students must maintain academic progress as stated above.

Dual Degree/Double Major

Students must maintain progress as stated above. Students seeking a dual degree must be maintaining SAP prior to declaring their dual/double degree.

Withdrawal

A "W" grade which is recorded on the student's transcript will be included as credits attempted and will have an adverse effect on the student's ability to maintain SAP. Students who officially withdraw from the University must make up the deficit hours and are encouraged to attend summer school to remove the deficient hours. The successful completion of a course is defined as receiving one of the following grades: A, B, C or D. Courses with grades of F, I, U and W will not qualify in meeting the minimum standard.

Incomplete (I) grade

An incomplete grade indicates that a student has not finished all course-work required for a grade and is included in the cumulative credits attempted. An incomplete will count toward attempted hours but not as hours passed until a final grade is posted in the Registrar's Office.

Repeated courses

A student who has received a failing grade in a required course at this University must repeat and pass the course unless otherwise indicated by the Registrar or Dean of Faculty (undergraduate and graduate). Students may only receive federal financial aid for one repetition (repeat) of a previously passed course. Students who have already passed a course with a grade of a D or better may only repeat the class one additional time and receive financial aid for that course. All repeated courses are included in the total attempted hours for SAP evaluation.

Change of Major

A student may change from one degree to another during attendance at the University. Students who change from one major to another are still expected to maintain Satisfactory

Academic Progress and complete the course work within the time frame or hours limitation stated unless an appeal is approved. All attempted hours from a prior major are included in the total attempted hours.

Audited courses

Courses audited do not count as either attempted or earned hours.

Hours Enrolled

The number of credit hours in which the student is enrolled on the day following the published last day to add/drop a class will be used as official enrollment for financial assistance purposes; full-time status is 12 or more hours. If a student withdraws from classes after the last day to add/drop a course the student may not meet the minimum number of hours to be earned in one academic year.

Re-admitted students will be reviewed on their previous academic records in order to determine eligibility for assistance, whether or not financial aid was received. Re-admitted students not maintaining SAP must submit a letter of appeal.

Students who have been placed on Academic Suspension or Dismissal from the University must meet the Satisfactory Academic Policy (SAP) once they are re-admitted to receive financial aid. Re-admitted students are not automatically eligible for Financial Aid, if they do not meet the standard; they have an option to submit an appeal.

Financial Aid Termination

Students who do not meet the Satisfactory Academic Progress standards are not eligible for further financial aid, including Summer School. Students will be notified by the Office of Financial Aid of their financial aid termination at the end of the spring semester through a letter to their University email account.

Students whose financial aid is terminated must remove their academic deficiencies or have an appeal granted before aid can be reinstated.

Conditions for Reinstatement

Students who are denied federal financial aid for failure to meet the SAP standards have the opportunity to appeal the decision. Students may appeal the decision by completing an Academic Appeal Form to the Admissions, Academic Standing and Financial Aid committee, if there were extenuating circumstances that led to the unsatisfactory academic progress. The student will be notified of the Committee's decision.

Appeal Procedure

Students not meeting Satisfactory Academic Progress may appeal for consideration of financial aid. To appeal for the reinstatement of financial aid eligibility, students should complete and submit the Satisfactory Academic Progress appeal form to the Office of Financial Aid indicating

the extenuating circumstance(s) (i.e. personal illness, injury, medical problems, undue hardship, death of parent or immediate family member, or other special circumstances) that may have prevented the student from performing at their academic best. The appeal form if approved must be followed by an Academic Action Plan. Students who are granted an appeal will be placed on Progress Probation. Students, who unsuccessfully meet the requirements of the Academic Plan will be placed on academic suspension and, may appeal a final time with different extenuating circumstances.

Students will be notified in writing of the appeal decision. If the appeal is approved and they fail to meet the Academic Plan again, they can no longer receive financial aid until they meet the minimum GPA and the 67% benchmark.

It is the student's responsibility to be aware of his or her academic progress each semester. The Office of Financial Aid will make every effort to notify students in a timely manner.

Progress Probation

Students who are granted an appeal will be placed on Progress Probation. The student's academic progress will be reviewed the following semester.

Financial Aid Suspension

Students who are granted an appeal and do not meet the requirements are placed on financial aid suspension until Satisfactory Academic Progress is achieved.

It is the student's responsibility to be aware of his or her academic progress each semester. The Office of Financial Aid will make every effort to promptly notify students of the cancellation of their award and academic progress status.

Appeals of Financial Aid Suspension

A student who fails to achieve Satisfactory Academic Progress may appeal to the Committee on Admissions, Academic Standing, and Financial Aid.

If the Committee finds that unusual circumstances have contributed significantly to the failure to achieve Satisfactory Academic Progress, the Committee may authorize:

- Progress Probation

Permanent Exclusion of Credits from Attempted Credits

The Registrar is authorized to approve the permanent exclusion of the semester's credits in cases where the student was unable to attend classes for one month or more due to unusual circumstances. The Committee must approve all other cases.

Financial Assistance Programs

Federal Pell Grant

Unlike a loan, does not have to be repaid. The Federal Pell Grant is awarded to undergraduate students who have not earned a bachelor's or a professional degree. The maximum award for the 2025-2026 award year is \$7,395 (subject to change). The amount a student is eligible to receive is based on the student's SAI (Student Aid Index) which is calculated using information provided on the FAFSA.

Federal Supplemental Educational Opportunity Grants (FSEOG)

The FSEOG is a grant for undergraduates with exceptional financial need. The FSEOG does not have to be repaid. Federal Pell Grant recipients who meet the April 1 FAFSA priority **deadline date and the lowest SAI will** be given priority consideration. Funds are limited and awards are offered based on availability of funds. Due to limited funding not all Federal Pell Grant recipients receive FSEOG.

Federal Direct Subsidized Loans

The Department of Education pays the interest while the student is in school. The eligibility to receive a Direct Subsidized loan is based on financial need established by the federal government. A student may borrow the maximum based on grade level. Please refer to the chart below for the Direct Subsidized Loan limits.

Federal Direct Unsubsidized Loans

The loan is limited to independent students and/or dependent students whose parents have been denied eligibility for the Federal Direct PLUS Loan. The Direct Unsubsidized loan is not based on need, and unlike the subsidized loan the Department of Education does not pay the interest for the student. The student will be charged interest for this loan from the time the loan is disbursed and until the loan is paid in full. The student may borrow the maximum based on grade level.

Eligibility, Loan, Terms and Requirements

The terms of the Direct Subsidized and Unsubsidized Stafford Loans are included in the table below:

Eligibility Criteria	Loan Terms	Additional Information/Requirements
DIRECT SUBSIDIZED LOAN		

<ul style="list-style-type: none"> • Need-based • Student must be enrolled at least half-time in a degree program • Borrower must be a U.S. citizen or eligible noncitizen 	<ul style="list-style-type: none"> • 5.50% fixed interest rate after July 1, 2023, for undergraduate loan • 1.057% origination fee, because of this fee, the actual Direct Loan amount applied to your University account will be lower than the amount listed on your award notice. • Repayment is deferred and there is no interest while the student is enrolled at least half-time. • Direct Loans can be consolidated with other federal loans 	<ul style="list-style-type: none"> • Limited deferment provisions; see Your Federal Student Loans: Learn the Basics and Manage Your Debt and Cancellation/Deferment Options for Teachers on the Dept. of Education website • Students accepting Direct Loan funds for the first time must complete an online Direct Loan Master Promissory Note before receiving their loan funds. • First-year students who are first-time borrowers must complete Direct Loan Entrance Counseling. • Exit Counseling is required when students graduate or drop below half-time. • More information is available from the U.S. Department of Education
DIRECT UNSUBSIDIZED LOAN		
<ul style="list-style-type: none"> • Non-need-based • Student must be enrolled at least half-time in a degree program • Borrower must be a U.S. citizen or eligible noncitizen • Student whose parent's refuse to fill out the FAFSA 	<ul style="list-style-type: none"> • 5.50% fixed interest rate 7.05% for graduate student loan) • 1.057% origination fee. Because of this fee, the actual Direct Loan amount applied to your University account will be lower than that listed on your award notice • Interest begins accruing immediately; may be paid periodically or capitalized (see promissory note) • Repayment of principal is deferred while the student is enrolled at least half-time. • Direct Loans can be consolidated with other federal loans 	<ul style="list-style-type: none"> • Limited deferment provisions; see Your Federal Student Loans: Learn the Basics and Manage Your Debt and Cancellation/Deferment Options for Teachers on the Dept. of Education website • Students accepting Direct Loan funds for the first time must complete an online Direct Loan Master Promissory Note before receiving their loan funds. • First-year students who are first-time borrowers must complete Direct Loan Entrance Counseling. • Exit Counseling is required when students graduate or drop below half-time. • More information is available from the U.S. Department of Education

Borrowing Limits for Direct Loans

The amount of Direct Subsidized or Unsubsidized Loan you may borrow by year in school and the total amount you may borrow are shown in the table below. These amounts are determined by the federal government.

	Subsidized Loan Base Amount	Additional Unsubsidized Loan Amount (as of July 1, 2008)		
	For All Undergraduates	For Dependent Undergraduates*	For Independent Undergraduates**	For Graduate Students
First Year	\$3,500	\$2,000 (\$5,500 total)	\$6,000 (\$9,500 total)	\$20,500
Second Year	\$4,500	\$2,000 (\$6,500 total)	\$6,000 (\$10,500 total)	\$20,500
Third Year and Beyond	\$5,500	\$2,000 (\$7,500 total)	\$7,000 (\$12,500 total)	\$20,500
	Subsidized Loan Debt Limit	Total Loan Debt Limit (Subsidized + Unsubsidized)		
	\$23,000	\$31,000 (only \$23,000 can be subsidized)	\$57,500 (only \$23,000 can be Subsidized Loan)	\$138,500 (only \$65,500 can be Subsidized Loan); limit includes Direct Loans received as an undergraduate

*Excluding students whose parents are unable to obtain a PLUS Loan

**Or dependent students whose parents are unable to obtain a PLUS Loan

Work Study Programs (FWS) and (IWS)

Lincoln University administers two programs to assist students with employment on campus and off campus. Students with demonstrated need and meet general eligibility requirement are eligible for a wide variety of part-time jobs in various departments throughout the campus. There are a limited number of positions available off campus. Students are eligible to work only after they have been awarded FWS and have completed the necessary documents required by the Office of Career Services.

The first program administered is the Federal Work Study (FWS) program, which is funded by the federal government. The Federal Work Study (FWS) program is designed to assist students who have demonstrated financial need supplement the cost of their educational expenses. Eligibility consideration for FWS requires that interested students complete the Free Application for Federal Student Aid (FAFSA) by the priority deadline date set by the University's

Office of Financial Aid. For each year that a student is interested in FWS, the student must reapply using the FAFSA. Applying for FWS does not guarantee that a student will be awarded. As the need varies for each student each year, and funds are limited, a student may not be eligible every year of enrollment.

The second program is the Institutional Work Aid (IWA) program, which is funded by the University. IWA is not based upon financial need, nor does it require completion of the FAFSA to be eligible. Funding for IWA is provided by the University through departmental allocations. Students interested in employment through IWA must inquire with the various University departments. However, not all departments offer IWA employment.

Students interested in information regarding student employment application procedures, conditions of employment, performance reviews, grievance procedures, wage scale, and payroll schedule can visit the Student Employment Program via www.lincoln.edu website.

Federal Direct Parental Loan for Undergraduate Students (PLUS Loans)

A PLUS Loan enables a parent with a good credit history to borrow funds to help pay for education expenses for each dependent child enrolled for at least half-time. The yearly loan limit is the cost of attendance minus all other financial aid. PLUS loans are not based on need but rather the parent's credit worthiness. Lincoln University parents who wish to apply for a Federal PLUS Loan must apply by logging in to www.studentaid.gov. Upon approval of the Federal PLUS Loan, parents are required to complete a Master Promissory Note. This step must be completed for loans to be processed.

Pennsylvania State Grant

This grant is available to Pennsylvania residents who are enrolled full-time or part-time and demonstrate financial need. The student must file the FAFSA form before May 1 to be eligible. Students are selected by the PA State agency not Lincoln University. Students must demonstrate academic progress to retain their eligibility. Contact PHEAA at www.pheaa.org for additional questions.

Other State Grants

The following state programs allow funds to be transferred to students enrolled in Pennsylvania state colleges: District of Columbia, Massachusetts, and Ohio.

Institutional Aid (Aid provided by Lincoln University)

Requirements for Scholarship, Grant or Prize and Award Recipients

For all students who are recipients of Lincoln University scholarships or grants *(e.g. Presidents, Provost, Dean, Liberated Lion Leadership Award, Achieve the Dream, Five Strong Legacy Scholarship, International Scholars, GPA merit scholarships, private and donor scholarships or prizes and awards), the following requirements must be met:

** Recipients must earn at least 30 credit hours per year, and maintain the required cumulative grade point average and enrolled full-time.*

If these requirements have been met, the maximum number of years/semesters a student can maintain these awards is four years or eight consecutive semesters. If a student should remain at the university beyond four years or eight consecutive semesters in order to complete the chosen degree requirements, they will no longer be eligible for the scholarship. Likewise, if a student fails to meet the required GPA they will be responsible for all charges. In addition, within the four years or eight semesters maximum allowed, should a student take more than a full course load, 19 hours or more, s/he will be responsible for the additional per credit hour cost. Also, should a student choose to attend summer school, the scholarship cannot be utilized.

Finally, students receiving donor funds or private prizes and awards valued at over \$100 will have the amount of the award credited to their student account. If the account is paid in full, then the prize or award will be used to lower a loan amount. Only if the student is cash paying, does not have a loan, and the account is paid in full will s/he receive the award as a refund.

MERIT-BASED AID AND RENEWABLE SCHOLARSHIPS

Awarded to eligible new students by the Office of Admissions and are based on scholastic achievements. Renewable scholarships are awarded by the Office of Financial Aid.

Merit-Based Scholarships

Based on availability of funds Lincoln University offers merit based funding for new and returning students. Awards are based on grade point average and/or SAT scores to eligible students. In addition to GPA and Test Scores, freshman merit scholarships could require a separate application and essay.

SPECIAL ACADEMIC OPPORTUNITIES

Writing and Reading Center & Math Center

The Writing and Reading Center (WRC), and the Math Learning Center (MLC), are located in Wright Hall. They operate under the auspices of the English (Languages and Literature) and the Mathematical Science Departments. These two centers provide academic assistance to students enrolled in English and math courses as need dictates.

Tutoring

Professional and peer drop-in and appointment tutoring for all students are Mondays through Fridays. All professional and peer tutors complete training. Learning Support Specialists provide not only professional tutoring but also afford professional support for the WRC and the MLC.

Study Abroad

The Office of International Programs and Services provides information to Lincoln students interested in participating in a study abroad program, whether for a summer, a semester or an academic year. It provides assistance to students applying to study abroad programs and makes all necessary arrangements such as obtaining a passport, proper visas, transportation, and immunization.

Langston Hughes Memorial Library

The Langston Hughes Memorial Library is named, and contains the personal library of one of Lincoln's most distinguished alumni, who graduated in 1929. It houses an open shelf collection of more than 187,000 volumes and subscribes to more than 560 current periodicals.

Borrowing privileges are extended to all students, staff, and faculty members of Lincoln University. The circulation (open stacks) books can be checked out for four weeks for students and for the semester by faculty.

Independent Study

A student who wants to explore a particular topic or carry out a special project may arrange with a faculty member an Independent Study carrying between 1 and 4 credits. This study involves a special or unique research or creative project normally initiated by the student and under the supervision of a member of the faculty. Elements of the study include a title, list of objectives, list of text(s) or materials used method of assessment, and a schedule for instructor and student consultations. The student must meet with the instructor at the scheduled times and submit a result (significant research paper, work of art, significant research findings, computer program, etc.).

The proposal for the study must be signed by the student, faculty advisor of the student, instructor, department chair, and dean. Students may take no more than 12 independent study credits for their undergraduate degree. The Independent Study and grade will be entered on

the student's transcript with a course number of 495 in the Department supervising the study. The title will always be "Independent Study".

Tutorial Courses

Departments may offer a Tutorial Study if circumstances warrant such an offering. Such a course involves a study normally offered as a course, but where the course is unavailable at the time of need. The faculty instructor specifies the schedule of readings and other requirements of the study. Elements of the study include a title, list of objectives, text(s) and/or materials to be used, method of assessment (including required exams, papers, etc.), and schedule for instructor and student consultations. The student must meet with the instructor at the scheduled times and meet requirements such as assignments, exams, and papers as specified by the instructor. The proposal for the tutorial course must be signed by the student, instructor, department chair, and dean.

Pass/Fail Grading Option

Students with sixty (60) or more credit hours enrolled in more than eighteen (18) semester hours may have one of the courses graded on a Pass/Fail basis, but only if the course is to serve as a university elective.

The student must indicate in writing at the time of registration his/her desire to enroll on a Pass/fail basis in the course, and present in writing the instructor's approval for a Pass/Fail grade to the Registrar's Office. The "P" or "F" grade earned in a Pass/Fail course is not included in the GPA calculation. Certain courses, such as off-campus internships, are available only on a pass/fail basis.

ACADEMIC REQUIREMENTS

Academic Organization and Governance

The Faculty, determines the principal curricular and academic policies that guide the educational offerings of the University. The Faculty By-laws define the system of governance and the rights of members of the Faculty.

Most of the administrative functions are performed by the Office of Academic Affairs, headed by the Provost and Vice President for Academic Affairs. The principal academic operations occur within the academic departments that are managed by the Department Chairs.

Requirements for Undergraduate Degrees

A bachelor's degree requires that a student complete an academic program that includes:

- At least one Academic Major
- The requirements for all academic majors are provided in the departmental sections of this catalog. A minimum of 16 credits in the major must be taken at Lincoln University.
- The University General Education curriculum
- Individual departments may have specific requirements, please refer to the department of your program
- Lincoln Legacy Experience
- Please refer to the department of your program for specifics
- At least 128 credits
- A minimum of 32 semester credits must be completed at Lincoln.
- An overall cumulative GPA of 2.00 is required for graduation. The GPA of all courses required by the student's major must also be 2.00 or greater.

Final responsibility for each student's program rests with the student. The role of the advisor is just that—to advise. Students are expected to familiarize themselves thoroughly with program requirements for their major described in this catalog, the suggested sequence sheets and the program evaluation. The program evaluation is available to help students monitor progress toward completion of their major, minor and General Education requirements and accessed through LU Self-Service.

Lincoln Legacy Experience

Undergraduate students entering the university during the fall-2024 semester (and following incoming classes) are required to participate and complete the Lincoln Legacy Experience (LLE). The LLE is a transformative and cutting-edge program aimed at advancing the academic and personal development of students. This graduation requirement provides clearly articulated pathways (from first-year until graduation) that guides students with making connections between the learning that takes place within the classroom (the

curricular) and learning that takes place outside of the classroom (the co-curricular). The LLE also provides profound academic experiences and opportunities that operationalizes the university's liberal arts education Mission and Vision. These well-structured, supportive, and reflective experiences empower students to excel both academically and personally, ensuring that they are thoroughly prepared for graduate education, their professional pursuits, and contributions to humanity.

The Bachelor of Arts and the Bachelor of Science

Students who complete any foreign language course numbered 2002 or higher may receive a Bachelor of Arts degree. This is commonly achieved by completing four semesters of a foreign language. There is no University requirement for foreign language for the Bachelor of Science, but certain majors may require one year of a foreign language.

The Academic Major

The requirements for all academic majors are provided in the departmental sections of this catalog.

Credit Hours and Grade Point Average Required for Undergraduate Degrees

A minimum of 128 semester credit hours in courses must be earned. Some majors require more than 128 credits.

An overall cumulative GPA of 2.00 is required for graduation. The GPA of all courses required by the student's major must also be 2.00 or greater.

Grades in the Major

An undergraduate student must earn a grade of "C" or better in each course required and taught by his or her major department in fulfillment of the requirements for the student's declared major; a maximum of two courses completed with a grade of "C-" are permissible for major courses. Courses taken prior to January 1, 2001, are not subject to this rule.

Institutional Learning Outcomes

At Lincoln University, General Education is treated as a stand-alone academic program unit governed by the following Institutional Learning Outcomes (ILOs).

ILO 1: Effective Written, Verbal, and Visual Communication

Use effective written, verbal, and visual communication to increase knowledge and understanding of a given subject, stimulate an intellectual or emotional response, or promote change in a listener, reader, or observer.

Outcome: Students will effectively communicate in verbal, written, or visual form.

ILO 2. Technology & Information Literacy

The ability to responsibly, appropriately and effectively access, manage, integrate, evaluate, create and use general or discipline specific technologies and/or library and media sources.

Outcomes: Students will:

- Access, manage and integrate information effectively and efficiently
- Critically evaluate sources and content of information for authority and accuracy
- Create, produce and/or use general or discipline specific technologies and/or library and media sources
- Demonstrate an understanding of the economic, legal, ethical, and social issues surrounding the use of communication and information technology

ILO 3. Diversity Awareness and Cultural Awareness

Diversity and Cultural awareness recognize the lives, contributions, struggles, and lived experiences of people of African descent throughout history in addition to the cultural contributions of people from all backgrounds, including but not limited to those of different ages, ethnicities, races, national origins, abilities, genders, language preferences, religions, political beliefs, and sexual identities.

Outcomes: Students will:

- Demonstrate an open-minded and inclusive worldview
- Explain how social and cultural differences shape lived experience
- Develop skills necessary for collaboration across culturally diverse groups

ILO 4. Social Responsibility and Civic Engagement

Knowledge, skills, and values that promote making a difference in the civic life of a community. It encompasses actions wherein individuals participate in activities of personal and public concern that are both individually life enriching and socially beneficial to the community.

Outcome: Students will understand and utilize skills responsible for living as accountable, ethical and contributing world citizens

ILO 5. Critical Thinking and Reading

Critical thinking is the habit of exploring a phenomenon (e.g., an event, artifact, story, or issue) and applying certain criteria to determine its value and legitimacy. It involves analyzing and synthesizing often contradictory pieces of information and logically connecting ideas to make sound, well-reasoned judgments. Critical thinkers tolerate ambiguity, recognize underlying assumptions, welcome counterarguments, and routinely revise their own beliefs in response to the world around them.

Critical reading occurs when readers actively engage with a written, visual, or auditory text, going beyond its surface-level characteristics to identify and evaluate its deeper structural elements, such as purpose, tone, organization, and meaning. Those who read critically

assume an objective point of view, and interact with a text by making annotations, posing questions, and forming their own opinions about what they've read.

Outcomes: Students will:

- use an array of critical thinking strategies to make meaningful connections between divergent ideas and to observe, recognize, and solve novel problems.
- adopt an unbiased approach to the act of reading, probing a variety of different texts to identify and explain their key elements and to uncover both the strengths and weaknesses in their deep structure.

ILO 6. Lincoln Legacy

Lincoln Legacy represents the intention of the University to highlight the institution's rich historical development, alumni achievement, and the role of people of African descent and their ongoing global impact

Outcomes: Students will:

- Demonstrate knowledge of Lincoln heritage and legacy through assignments and related academic experiences.
- Participate in activities and demonstrate behaviors that are indicative of forwarding Lincoln legacy.
- Examine and describe the role of people of African descent and their ongoing global impact as it pertains to Lincoln's history.

ILO 7. Scientific and Quantitative Reasoning

Scientific reasoning includes problem identification, hypothesis evaluation, experimentation, interpretation of results, and the use and misuse of scientific data. Students are also introduced to the evolution and interdependence of science and technology.

Quantitative reasoning represents the ability to reason and solve quantitative problems from a wide array of authentic contexts and everyday life situations.

Outcomes: Students will:

- Formulate hypotheses, perform experiments, and analyze the results using appropriate technology to reach a logical conclusion.
- Be able to create arguments or algorithms supported by quantitative evidence and can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations and computer programs as appropriate).

ILO 8. Integrative & Lifelong Learning

Lifelong learning is an all-purposeful learning activity, undertaken on an ongoing basis with the aim of improving knowledge, skills, and competence. Lincoln University prepares students to be this type of learner by developing specific dispositions and skills while in school.

Outcome: Students will use skills that support life-long learning.

General Education Courses

African American Experience (one course)

4 Credits

SOS 1051 African American Experience
 PAS 1001 Introduction to Pan-African Studies
 PAS 1003 Blacks in Science
 ARH 2076 African American Art History

English Composition: (two courses)

8 credits

ENG 1001 English Composition I
 ENG 1002 English Composition II

Humanities (two courses)

8 credits

ART 1000 Fundamentals of 2D Design
 ART 1001 Fundamentals of 3D Design
 ART 2000 Introduction to Art
 ARH 2011 Art History I
 ENG 2007 World Literature I
 ENG 2008 World Literature II
 ENG 2050 Introduction to Cinema
 HIS 1003 World History
 MUS 2000 Introduction to Music
 PHL 2000 Introduction to Philosophy
 REL 2000 Introduction to Religion

Social Sciences (three courses)

12 credits

Select any three (3) of the following:

ECO 2003 Principles of Economics
 FIN 1001 Personal Finance
 POL 1001 American National Government
 PSY 1001 General Psychology
 SOC 1001 Introduction to Sociology

Mathematics and Natural Sciences (3 courses)

12 credits

Mathematics:

MAT 1006 Math for Liberal Arts or higher as determined by your program of study

Higher Math course selections:

MAT 1010, MAT 1011, MAT 1014, MAT 1017, MAT 1020, MAT 1021 & MAT 1022

Note: Please check the Math Requirements Major Guide before selecting a math course. STEM majors need to complete their math placement assessment before registering for their math course(s).

Natural Science with lab**8 credits****Select two (2) courses with subject BIO, CHE, GSC or PHY)**

BIO 1001/1001L Human Biology
 BIO 1002/1002L Human Health & Disease
 CHE 1001 Chemistry in Action
 GSC 1001/1001L, GSC 1002 Physical Science
 GSC 1011 Environmental Science
 GSC 1012 Food: You and the World
 PHY 1081/1081L Elementary Astronomy

Note: One of the two science courses must include a lab.**Languages or Computer Sciences****8 credits**

Two (2) consecutive language courses

ARA 1001/1002 Elementary Arabic I/Elementary Arabic II
 CHI 1001/1002 Elementary Chinese I/ Elementary Chinese II
 FRE 1001/1002 Elementary French I/ Elementary French II
 JPN 1001/1002 Elementary Japanese I/ Elementary Japanese II
 SPN 1001/1002 Elementary Spanish I/ Elementary Spanish II
 SWA 1001/1002 Elementary Swahili I/ Elementary Swahili II

Or any two (2) approved CSC or ART

ART 1002 Introduction to Graphic Arts
 ART 2020 Design for Print and Web
 CSC 1051 Computer Applications
 CSC 1052 Introduction to Computer Programming
 CSC 1058 Computer Programming I
 CSC 1059 Computer Programming II
 CSC 2001 Web Programming
 CSC 2002 Computer Animation

Note: Please check with your department about specific courses required by your major. All Biology, Biochemistry, Chemistry, Chemistry (Forensic Science Concentration), Environmental Science, and Physics Majors are required to take BIO-1003 and Lab within their first semester.

Summary of the General Education Curriculum Required Courses

General Education	Credits	Courses
African American Experience	4	SOS 1051, PAS 1001, PAS 1003, ARH 2076
English	8	ENG 1001, ENG 1002

Humanities	8	ART 1000, ART 1001, ART 2000, ARH 2011, ENG 2007, ENG 2008, HIS 1003, MUS 2000, PHL 2000, REL 2000
Social Science	12	ECO 2003, FIN 1001, POL 1001, PSY 1001, SOC 1001
Mathematics and Natural Science	12	MAT 1006 (or higher) MAT 1010, 1011, 1014, 1017, 1020, 1021, 1022 BIO 1001/L, BIO 1002/L, CHE 1001, GSC 1001/L & GSC 1002/L, GSC 1011, GSC 1012, PHY 1081/L
Language or Computer Science	8	ARA, CHI, FRE, JPN, SPN, SWA ART 1002, ART 2020, CSC 1051, CSC 1052, CSC 1058, CSC 1059, CSC 2001, CSC 2002
Total	52	

Transfer Students and the General Education Requirements

The Registrar will evaluate the transcripts of transfer students at the time of their admission and propose a plan of substitution to the General Education requirements that will satisfy the general objectives of Lincoln's General Education curriculum without necessarily requiring a course by course equivalency. The proposed plan will be presented to the Academic Advising Center and/or the academic department corresponding to the courses affected for review and subsequent modification and/or approval.

Requirements for Graduate Degrees

The graduate degrees do not have a General Education curriculum like the undergraduate degrees. The requirements for each degree are defined in the Graduate Programs section in this catalog. All graduate degrees require a 3.0 cumulative GPA in courses used to fulfill the requirements of the degree.

ACADEMIC REGULATIONS

Graduation and Commencement

Graduation Dates

Lincoln University graduates students (confers degrees) three times each year:

May, December and August

Commencement Exercises

Commencement ceremonies are held only once per year in May. Students who graduate in December and August are invited to participate in the Commencement ceremony held the following May. Seniors in the graduating class are required to attend the Commencement exercises in acceptable attire as determined by the University Marshals.

Applying for Graduation

Students expecting to complete the requirements for their degree must submit a completed Application for Graduation with the Office of the Registrar by March 31 for August graduates, September 30 for December graduates, and November 15 for May graduates. Students who have filed an application in a prior semester must reactivate their application in the Office of the Registrar.

Graduation Honors

Graduating seniors in good standing, who have earned at least 60 credit hours from Lincoln University, and who have attained a final cumulative average of 3.40 to 3.59 shall graduate *cum laude*. Those meeting the same conditions with a final cumulative average of 3.60 - 3.79 shall graduate *magna cum laude*. Those meeting the same conditions with a final cumulative average of 3.80 or higher shall graduate *summa cum laude*. A notation of these honors shall be placed in the graduation program, and on the student's transcript.

Graduating seniors in good standing who have earned less than 60 credit hours from Lincoln, and who have attained a final cumulative average of at least 3.40 shall graduate with Honors. A notation of this Honors designation shall be placed in the graduation program, and on the student's transcript.

Grades earned in and up to 12 credit courses that were accepted by Lincoln from other institutions and used to fulfill the requirements for the undergraduate degree will be included in the computation of the GPA for Graduation Honors. This computation will include the quality points and credits not normally included in the Lincoln University GPA.

Academic Integrity

Responsibility and Standards

Students are responsible for proper conduct and integrity in all of their scholastic work. They must follow a professor's instructions when completing tests, homework, and laboratory reports, and they must ask for clarification if the instructions are not clear. In

general, students should not give or receive aid when taking exams, or exceed the time limitations specified by the professor. In seeking the truth, in learning to think critically, 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. Each student has the responsibility to submit work that is uniquely his or her own. All of this work must be done in accordance with established principles of academic integrity.

Acts of Academic Dishonesty (Cheating)

Academic Dishonesty includes, but is not limited to:

- Copying, offering and/or receiving unauthorized assistance or information in examinations, tests, quizzes; in the writing of reports, assigned papers, or special assignments, as in computer programming; and in the preparation of creative works (i.e. music, studio work, art).
- The fabrication or falsification of data, results, or sources for papers or reports.
- The use of unauthorized materials and/or persons during testing.
- The unauthorized possession of tests or examinations.
- The physical theft, duplication, unauthorized distribution, use or sale of tests, examinations, papers, or computer programs.
- Any action that destroys or alters the work of another student.
- Tampering with grades, grade books or otherwise attempting to alter grades assigned by the instructor.
- The multiple submission of the same paper or report for assignments in more than one course without the prior written permission of each instructor.

Plagiarism

If a student represents “another person's ideas or scholarship as his/her own,” that student is committing an act of plagiarism.

The most common form of plagiarism among college students is the unintentional use of others' published ideas in their own work and representing these ideas as their own by neglecting to acknowledge the sources of such materials. Students are expected to cite all sources used in the preparation of written work, including examinations.

It is each student's responsibility to find out exactly what each of his/her professors expects in terms of acknowledging sources of information on papers, exams, and assignments. It is the responsibility of each faculty person to state clearly in the syllabus for the course all expectations pertaining to academic integrity and plagiarism. Sanctions peculiar to the course should also be explained in the syllabus.

Sanctions

Sanctions for violations of the academic integrity standards include:

- Warning: A written notice that repetitions of misconduct will result in more severe disciplinary action.

- The warning becomes part of the student's file in the Office of the Registrar and, if there is no other example of misconduct, is removed at the time of graduation.
- Failure for Project (exam, paper, experiment).
- Failure of Course (students may not drop or withdraw from the course after being informed of the charge of academic dishonesty)
- For serious and repeat offenses, the University reserves the right to suspend or expel.

The sanction for a first offense may be either a Warning or Failure for Project. The sanction for any additional offenses may be either a Failure or Project or a Failure of Course. For serious and repeat offenses, the University reserves the right to suspend or expel a student.

Appeals Charges of Academic Dishonesty

The student may appeal a charge of academic dishonesty within ten days of receiving notice of same. The appeal will be heard by an Academic Hearing Board (AHB) consisting of the chairs of each department of study (or their designees). Files on violations of this academic integrity code will be kept in the Office of the Registrar.

Student Academic Grievance Procedure

Whenever a student has a grievance/complaint regarding a matter related to academic affairs at Lincoln University, the following procedures shall apply when a student believes that a faculty member has infringed upon the student's academic rights as set forth in this policy. In cases in which the student is challenging an instructor's conduct of the course, classroom management style, or assignment of a grade received in connection with a course, the student shall follow the grade appeal procedure applicable to the department in which the course is offered.

1. The student shall first attempt resolution by seeking an appointment with the instructor in question. If, to the student, this does not seem a feasible course, or if a personal conversation with the instructor has been attempted, but a resolution satisfactory to the student's grievance is not obtained, the student may seek resolution through a written appeal to the instructor's Department Chair, who will attempt to resolve the matter between the student and the instructor. If the grievance or complaint is against the Department Chair, then proceed to number 3 below.
2. If a resolution satisfactory to the student is not obtained through appeal to the Department Chair, the student may seek resolution through a written appeal to the Dean of the Faculty.
3. The Dean (or the Dean's designee) may attempt informal resolution through discussion with the student and faculty member. The Dean will consider the student's appeal and issue a written decision and remedy. Appropriate precautions

should be taken to safeguard the confidentiality of the grievance proceedings, including information about the outcome.

4. Either party to a grievance appeal (whether instructor or student) may appeal the decision of the Dean to the Provost and Vice President for Academic Affairs, in writing, within ten (10) days following notice of the Dean's decision. A written reply by the other party must be filed within ten (10) days after receipt of the appeal. The Dean's decision shall be stayed pending appeal. The Provost and Vice President for Academic Affairs has discretion to determine the information and procedure that he/she will utilize in deciding each appeal. The decision of the Provost and Vice President for Academic Affairs (in writing) shall be final.

Student Non-Academic Grievance Procedure

Whenever a student has a grievance/complaint regarding a matter not related to academic affairs at Lincoln University, the following procedures shall apply when a student believes that a staff member has infringed upon the student's rights as set forth in this policy.

1. The student shall first attempt resolution by seeking an appointment with the staff member in question. If, to the student, this does not seem a feasible course, or if a personal conversation with the staff member has been attempted, but a resolution satisfactory to the student's grievance is not obtained, the student may seek resolution through a written appeal to the director of the office or department, who will attempt to resolve the matter between the student and the staff member. If the complaint/grievance is against the director, then the student will proceed to number 3 below.
2. If a resolution satisfactory to the student is not obtained through appeal to the department or office director, the student may seek resolution through a written appeal to the Dean of Students or Comptroller.
3. The Dean/Comptroller (or the Dean's/Comptroller's designee) may attempt informal resolution through discussion with the student and staff member or director. The Dean or Comptroller will consider the student's appeal and issue a written decision and remedy. Appropriate precautions should be taken to safeguard the confidentiality of the grievance proceedings, including information about the outcome.
4. Either party to a grievance appeal (whether staff member, director or student) may appeal the decision of the Dean or Comptroller to the Vice President for Student Success or Finance and Administration, respectively, in writing, within ten (10) days following notice of the Dean's or Comptroller's decision. A written reply by the other party must be filed within ten (10) days after receipt of the appeal. The Dean's or

Comptroller's decision shall be stayed pending appeal. The Vice Presidents for Student Success and Finance and Administration have discretion to determine the information and procedure that he/she will utilize in deciding each appeal. The decision of the Vice President for Student Success or Finance and Administration (in writing) shall be final.

Academic Advising, Declaring a Major, and Selection of Courses

Upon admission to the university, students are assigned an advisor who will also serve as their Lincoln Legacy Experience (LLE) success coach. Under this program, the LLE success coach is in a unique position to help their advisees acquire the necessary skills and information to have a meaningful and productive first-year. Students are encouraged to declare a major no later than their third semester. Students transferring in with greater than 24 credits will be assigned to a faculty advisor in the department of their major and will need to complete a major application to be considered "officially" declared. Transfer students (with 24 or more credits) who are undecided about major, will be assigned to a pre-major advisor. This advisor will assist in the process of selecting a major attuned to students' special interests and professional goals. Students transferring in with less than 24 credits will also be assigned a pre-major advisor. Academic Advising is located on the 2nd floor of Wright Hall and serves as a repository of information for students and their advisors. Students are welcome to come to the Advising Center to inquire about academic policy or procedure, to pick-up major sequence sheets, to change their major, or to get help with an academic advising issue or concern.

Your assigned advisor will assist you with planning your academic curriculum to meet your degree requirements, and guide you in understanding university academic policy and procedure. However, we expect that students will become self-directed in using the degree audit in LU Self-Service to track progress toward completing their degree requirements. Also, it is expected that students will come to recognize academic policy and procedure and the importance of meeting deadlines as it pertains to adding, dropping, and withdrawing from classes; and meeting the university's SAP (Satisfactory Academic Progress Policy) for continuance on financial aid. Students will be required to follow procedure for selecting and pre-registering for their classes each semester. Freshmen are required to meet with their FYP advisor for a progress review conference as a condition for removing the advisor restriction in LU Self-Service to allow them to schedule classes.

Once accepted as a departmental major, a student may remain as a major in that department so long as he/she continues at Lincoln and providing he/she maintains a cumulative average equal to or greater than the minimum GPA set by the department. Normally the minimum cumulative GPA set by the department is 2.00. Applications for a major may be rejected by a department for scholastic reasons only. A student may change his or her departmental major or minor by filing a Major Application Form in the Office of

the Registrar. A student adding a new major must be accepted by the corresponding Department. Approval of a department is not required when a major or minor is dropped.

Requirements to participate in Graduation

A student will be allowed to participate in Commencement exercise under the following conditions.

- **All academic requirements for the degree have been completed.**
- **All financial or other obligations to the university.**

Second Bachelor's Degrees

Students with a First Undergraduate Degree from All Other Colleges

Students who have obtained their first degree from any other college will need to apply as an undergraduate transfer student and meet all the academic requirements for an undergraduate degree.

Students with a First Degree from Lincoln University

To earn an additional bachelor's degree, a student must complete all the requirements for the degree and must complete 32 semester hours in-residence beyond the first bachelor's degree.

All readmit students with a first degree from Lincoln University must choose a major at the time of their application. If the student is granted admission to the second program, then upon completion of the university academic requirements a second diploma will be awarded and the second degree will be noted on the transcript.

Dual Degrees (undergraduate)

The dual degree requires a minimum of 144 semester credits, with at least 16 distinct credits in the second major for simultaneous completion of dual degrees. Two diplomas are awarded.

Enrollment Status and Student Classifications

Full- and Part-Time Undergraduate Students

Undergraduate students shall be fulltime if they are attempting 12 or more credits during a fall or spring semester; students attempting between 9 and 11 credits shall be $\frac{3}{4}$ time students; and students attempting between 6 and 8 credits shall be halftime students. During a summer session, 6 or more credits shall be considered as fulltime and 3 or 4 credits shall be halftime.

The standard full-time tuition is charged to all undergraduate students taking between 12 and 20 credits per semester. Students taking more than 20 credits are charged additional

tuition on a per credit basis. Part-time students are also charged on a per credit basis. Consult with the Office of the Bursar for complete details on tuition and the other fees that are charged.

Full- and Part-Time Graduate Students

Graduate students shall be full-time if they are attempting 8 or more credits during any term, including the summer session. Graduate students attempting between 4 and 7 credits shall be half-time students.

Student Classifications

Undergraduate degree seeking students are classified based on the number of earned credits (including all transfer credits). Students with under 30 earned credits are freshmen; a minimum of 30 earned credits are sophomores, a minimum of 60 earned credits are juniors and students with a minimum of 90 or more earned credits are seniors. Grade Level can affect the amount of financial aid available to a student. For more information, consult with the Financial Aid Office.

Academic Terms

Lincoln University offers undergraduate courses during two sixteen week semesters and one or two summer sessions each year. Each semester consists of 15 weeks of classes and one week for final examinations.

Final examinations will be scheduled for two hour periods with one-half hour breaks between them beginning at 8:00AM of Final Examinations Week. Examinations may not be given during the last week of classes.

Academic Year

The academic year for financial aid is defined as 32 weeks of instruction during which time a full-time student is expected to complete 24 credit hours.

Enrollment and Registering for a Term

Student Load

An undergraduate student is one taking 12 or more credit hours. Students expecting to graduate within four years must successfully complete 16 to 20 credit hours each semester or complete summer courses. The required number of credit hours depends on the curriculum in which the student is enrolled.

A credit hour at the University is defined as an amount of work that reasonably approximates not less than one 50 minute of classroom or direct faculty instruction and a minimum of two hours of out-of-class work each week for approximately 15 weeks or its equivalent over a different period of time.

Official Registration

Enrollment at Lincoln University requires that students are properly listed on the rosters for the classes they are taking and that they satisfy their financial obligations to the university. This is also referred to as being officially registered.

Enrollment Verifications

The Office of the Registrar provides official Enrollment Verifications (also known as Enrollment Certifications) to confirm a student's enrollment status, academic program, and term dates. These documents are printed on university letterhead and bear the signature of an authorized official from the Office of the Registrar.

Adding Courses, and Dropping or Withdrawing from Courses

Students may add or drop a course up until the Last Date to Add/Drop, as published on the official university calendar. Students who drop a course, by the Add/Drop date, are not charged for it and no mention of the course will be made on his or her official transcript.

Students may withdraw from a course after the Last Date to Drop up through the Last Date to Withdraw, listed on the Academic Calendar. After the Last Date to Withdraw, the student must complete the course.

A withdrawal from the University that occurs within the first five weeks of a term may receive a partial reimbursement of tuition in accordance with the official reimbursement policies (check with the Office of the Bursar). When a student withdraws from a course, a grade of "W" is entered on the transcript. The "W" grade has no effect on a student's grade point average, but the credits are counted as attempted credits for purposes of measuring the student's satisfactory academic progress and may impact financial aid eligibility.

Courses may be dropped or added via LU Self-Service. Students should consult with their Advisor prior to dropping any courses. Instructors and Departments may deny permission to take a course if the student does not fulfill the prerequisites. However, a student always has the right to drop or withdraw from a course any time before the Last Date to Withdraw.

Withdrawal from the University

A student who wishes to withdraw from all courses during a semester is withdrawing from the University. A student may withdraw from the University after the Last Date to Withdraw only with the approval of the Committee on Admissions, Academic Standing, and Financial Aid. If a medical condition impedes the reasonable completion of the semester, the Registrar may approve the withdrawal upon receipt of adequate documentation of the condition.

A student who is suspended for the remainder of a semester by the disciplinary authorities of the University will receive grades of "W" in all courses for the semester.

Maximum Credits in a Semester

Undergraduate students should consider taking more than 20 credits (an overload) in a semester only under exceptional circumstances and only after analyzing the situation carefully with their Academic Advisor and Department Chair. A student who (1) has a cumulative GPA of 3.50 or better and (2) is not a freshman may take as many as 22 credits

in a single semester. A student who is expected to graduate at the end of the semester may enroll in as many as 24 credits only if they have a cumulative GPA of 3.00 or better.

Unofficial Withdrawal from a Course

Students who cease attending a class prior to mid-term examinations week and have not officially withdrawn from the class will be considered to have unofficially withdrawn from the class. In these cases, instructors will issue the mid-term grade of “WU”. The withdrawal date to be used in all financial calculations shall be the last class day of the mid-term examination week.

Mandatory Registration

Mandatory registration occurs when students who are enrolled during one semester arrange for the courses they will take in the following semester. Registration occurs in late October for the spring semester and in March for the fall semester.

Mandatory registration is a system of making reservations for classes for the next semester. The reservations expire if the student does not become completely and officially registered by the third class day of a semester. Other students may then enroll for the class. If there is still room for additional students in the class when the student becomes officially registered then he or she may still be able to take it.

Course Scheduling Preference for Veterans:

In accordance with Act 46 of 2014 and the *Higher Education Course Scheduling Preference for Veteran Students Act Guidelines*, Lincoln University will provide course scheduling preference to all veteran students.

“Act 46 of 2014 requires public institutions of higher education in Pennsylvania to provide veteran students, as defined in the Act, with preference in course scheduling. Non-compliance may be reported to the Pennsylvania Department of Education by submitting the Higher Education Student Complaint form found at www.education.state.pa.us.”

A veteran student is defined as:

- The student has served in the United States Armed Forces, including a reserve component and National Guard.
- The student was discharged or released from such service under conditions other than dishonorable.
- The student has been admitted to Lincoln University.
- The student resides in Pennsylvania while enrolled at Lincoln University.

The term “course scheduling preference” means veteran students are able to start registering for courses sooner than students with the same class standing with all the same institutional requirements.

Point of Contact

Office of Veteran Affairs

Eligibility

A veteran student as defined above must submit a copy of the DD214 indicating “veteran” status to the Office of Veteran Affairs (VA certifying official) upon admittance and acceptance to the university and/or by March 1 for summer and fall registrations and by October 1 for spring registration.

Process

Upon verification of veteran status, the veteran student will be able to register on the first day of registration after all other university requirements have been satisfied. This includes but is not limited to items such as orientation, placement testing, conferring with an academic advisor and being financially cleared.

Student Information Rights (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the university receives a request for access.
2. The right to request the amendment of the student's education records that the student believes is inaccurate or misleading.
3. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Lincoln University to comply with the requirements of FERPA.
4. The right to consent to disclosures of personally identifiable information contained in the student's education records. The FERPA law and its regulations allow disclosure without the consent of the student if the disclosure meets one or more of conditions specified in the regulations.

To grant permission to an individual to have access to academic information, financial information, residence life information, disciplinary action information, or all options, please fill out the FERPA release form on the Office of the Registrar website and submit with valid ID to the Office of the Registrar.

Directory Information

Education institutions are permitted by FERPA to disclose directory information for currently enrolled students without the consent of the student unless the student requests that his/her information not be disclosed during an academic year.

- Student's name
- Address
- Telephone listing
- Photograph
- Electronic mail address
- Date and place of birth

- Major field of study
- Dates of attendance
- Grade level
- Participation in officially recognized activities and sports
- Weight and height of members of athletic teams
- Degrees, honors, and awards received
- The most recent educational agency or institution attended

To withhold disclosure for an academic year, written notification should be received by the Office of the Registrar, Lincoln University, Lincoln University, PA 19352, prior to September 1. The “Request to Withhold Directory Information” form is available in the Office of the Registrar.

Other Academic Regulations

Official Enrollment

A student must be listed on the official class roster in the student information system in order to attend class or do the assignments for a course. This includes assignments and work for courses that do not involve classroom attendance, e.g., internships and independent study or research courses. Assignments and work performed prior to official enrollment in the course shall not be counted.

Students who have not obtained financial clearance (see “Offices, Financial Clearances, and Responsibility”) by the published deadlines will be removed from the official class rosters and may not continue attending class or performing the assignments for classes. Official notification of such action will be sent to the student’s campus mailbox/email or home address.

Class Attendance

Lincoln University uses the class method of teaching, which assumes that each student has something to contribute and something to gain by attending class. It further assumes that there is much more instruction absorbed in the classroom than can be tested on examinations. Therefore, students are expected to attend all regularly scheduled class meetings and should exhibit good faith in this regard.

For the control of absences, the faculty adopted the following regulations:

1. Four absences may result in an automatic failure in the course.
2. Three tardy arrivals may be counted as one absence.
3. Absences will be counted starting with whatever day is specified by the instructor but not later than the deadline for adding or dropping courses. Students are responsible for all missed work.
4. In case of illness, death in the family, or other extenuating circumstances, the student must present documented evidence of inability to attend classes to the Dean of Students. However, in such cases the student is responsible for all work missed during those absences.

5. Departments offering courses with less than full-course credit will develop and submit to the Dean of Students a class attendance policy in keeping with the above.
6. Students representing the university in athletic events or other university-sanctioned activities will be excused from class(es) with the responsibility of making up all work and examinations. Instructors will receive written notification from the university office sponsoring said activity prior to the event.

Electives

Electives are courses that a student may elect to take when the requirements do not specify exactly which course must be taken. The term university elective refers to a course that will be taken in order to meet the minimum number of credits required for graduation but that is not specifically required by either the General Education curriculum or by the major.

Some majors may require a student to take a certain number of courses in the department while only specifying some of them. The remaining courses are departmental electives since the student may elect which other courses offered by the department will be taken in order to have the required number of courses in the department.

Undergraduate and Graduate Grades and Grading

Valid Grades

Undergraduate Grades Included in the GPA Calculation

A	(4.00)	A-	(3.70)	B+	(3.30)
B	(3.00)	B-	(2.70)	C+	(2.30)
C	(2.00)	C-	(1.70)	D+	(1.30)
D	(1.00)	(No D-)		F Fail	(0.00)

Graduate Grades Included in the GPA Calculation

A	(4.00)	A-	(3.70)		
B+	(3.30)	B	(3.00)	B-	(2.70)
C+	(2.30)	C	(2.00)	C-	(1.70)
F Fail	(0.00)				

Grades Not Included in the GPA Calculation

Grades of "I," "W," "WU," "M" and the grades of "SP," "P" and "PF" earned in a course graded as Pass/Fail are not included in the GPA Calculation.

Mid-Term Grades (Undergraduates Only)

Faculty will issue mid-term grades based on gradable assignments that have been made by the instructor. Mid-term grades are calculated on basis of student submitted work, tests taken tests and/or other syllabus specified work. It is not included in the GPA calculation.

Official Withdrawals

A grade of “W” (Withdrawn) can only be entered on a student’s record by the Office of the Registrar. This grade is only applied when a student withdraws from a course after the Last Date to Drop and on or before the Last Date to Withdraw or when a student receives an Administrative Withdrawal from all courses in which he or she is enrolled for the semester. The grade of “W” does not affect a student’s Grade Point Average (GPA).

Unofficial Withdrawals

Instructors will issue the mid-term grade of “WU” to students who ceased attending a class prior to mid-term examinations week and did not officially withdraw from the class. In these cases, the withdrawal date to be used in all financial calculations shall be the last class day of the mid-term examination week.

Satisfactory Progress Grade

A grade of SP can be awarded for courses whereby assignments typically end after grading deadline of a given semester. Courses that are eligible for this grade include Independent Study, Cooperative Education, Internships, Field Experience, Student Teaching and Research-focused courses. The credit bearing grade submission must be in writing to the Office of the Registrar by the grading deadline of the next regular semester (excluding summer sessions).

Change of Grade

Final grades submitted to the Office of the Registrar by faculty may not be changed, except for the following documented reasons:

1. An error:
 - a. Faculty’s miscalculation of final grade
 - b. Faculty’s failure to include earned credit for a particular assignment that was submitted on or before the due date and prior to the calculation of the final grade
 - c. Faculty’s incorrectly encoding appropriate final grade (electronic submission error)
2. Arbitrariness: At the discretion of the chair and after a careful review of course work and syllabus by the chair, the submitted grade may be changed by the chair if the grade is deemed to be outside the accepted academic norm
3. Incomplete Grade re-submitted as a final grade. Faculty completes final portion of Incomplete Grade Submission form (See Incomplete Grade)
4. Medical documentation was received after final grade was submitted. Instructor calculated final grade without the missing assignments, e.g., final exam. Student

completed missing work and faculty awards a different grade. A “Grade Correction form must be submitted (for Reasons 1, 2, and 4) to the Office of the Registrar to substantiate the request and requires the approval signatures of the faculty member, the respective department chair, and the respective school dean.

The Incomplete Grade

An Incomplete Grade (I) may be recorded by faculty if there is verification of illness/injury, death in the family, or some other extenuating circumstance that has prohibited the student from completing the course work and/or taking the final exam. To receive an Incomplete, the student must have completed a majority of the course work and his/her performance to date suggests that the student has a reasonable chance to pass the course. Faculty must file an “Incomplete Grade Submission” form and it must be signed and filed with the respective department chair. Once work has been completed as identified on the Incomplete Grade Submission form, faculty will sign, date, and record the final grade. Additionally, the department chair and Dean of the Faculty will sign the form and forward it to the Office of the Registrar for conversion to a credit-bearing grade. The deadlines are March 15 (for Incompletes awarded in the summer and fall semesters) and November 15 (for Incompletes awarded in the spring semester). Incomplete Grades will convert to Failure (F) if these deadlines are missed unless a request for an extension is made by the faculty.

Extension of an Incomplete

A request for an extension of the time limit to complete the work necessary to change the Incomplete to a credit-bearing grade must be submitted in writing by the faculty and received in the Office of the Registrar prior to the original deadline.

Verification and Appeal of Student Records

The student is responsible for verifying the accuracy of his/her academic records. Grade appeals should be made immediately after the grade in question is received. **No appeals will be considered after one year has elapsed or after graduation.**

Computing the Grade Point Average (GPA)

To calculate GPA, find the sum of the products of the grade quality points times the course credit and divide that product by the total credit hours. Example:

Course	Grade	Points	Credits	Products
ENG 2007	B+	3.30	x 4	= 13.20
MAT 1006	A	4.00	x 4	= 16.00
SPN 1001	A	4.00	x 4	= 16.00
SOC 1001	B	3.00	x <u>4</u>	= <u>12.00</u>
Sums			16	45.70

$$\text{GPA} = \text{Sum of Products} / \text{Sum of Credits} = 57.00 / 16 = 3.56$$

Grades in Off-Campus Programs

Grades for credits earned at Lincoln must be assigned by a member of the Lincoln faculty. When a student earns credit for an internship or other off-campus work, the responsible faculty member will receive the report or recommendation from the person supervising the work and then assign a grade. These courses are generally offered on a pass/fail basis only.

Transfer Credits in Undergraduate Programs

Credits accepted in transfer from other institutions that were completed prior to a student's initial enrollment in Lincoln University is not included in the computation of the cumulative grade point average. Such credits are, however, included in the determination of a student's (1) grade level, and (2) cumulative attempted credits but only for the purpose of selecting the GPA minimum in the definition of satisfactory academic progress.

Transfer credits accepted from other institutions that received prior approval, as a repeat for a course taken at Lincoln will be included in the computation of the student's Lincoln University cumulative grade point average, earned, and attempted credits. Prior approval as a repeat will not be granted for any course in which a grade of "C" or better was earned.

Lincoln University students are permitted a maximum of twelve (12) credit hours taken as "online" (distance learning) from other accredited institutions. These credits will be applied to the 120-124 needed for graduation provided all other existing regulations are fulfilled, e.g., earned a final grade of C or higher.

Credits from other institutions that: (1) are taken after a student's initial enrollment at Lincoln, and (2) do not constitute a repeat of courses taken at Lincoln, may be accepted in transfer, but a maximum of 12 credits of a C or better and their associated quality points may be included in a student's Lincoln University cumulative grade point average.

Transfer Credits in Graduate Programs

A maximum of six credits taken at other institutions may be used in meeting the requirements of the other graduate degrees. The courses must have been taken no more than five years prior to the student's matriculation in the degree program. All transfer courses must have a grade of "B" or better and be approved by the academic department.

Repeating a Course

Students may not earn credits more than once for taking a course more than once unless the course has been designated as *repeatable for credit*. The Registrar shall determine, in consultation with the Department Chair, when two courses that are sufficiently similar will be considered to be the same course. Private music lesson courses are an example of courses that are designated as repeatable for credit.

When a course is repeated the GPA calculation will include only the points and credits associated with the best grade. All points and credits in courses designated as repeatable for credit are included in the GPA calculation

Students in other graduate programs may repeat a course at another institution only upon receiving prior written approval.

Grade Reports and Academic Transcripts

Mid-Term (interim) and Final Grades are available via LU Self-Service to all students.

The academic transcript is the complete historical record of a student's academic endeavors, including all courses taken (including courses from which the student "withdrew" or later repeated), the tabulation of attempted and earned credits and the grade point averages and degrees earned with the major(s) and minor and date of conferral. The transcript is the standard means of demonstrating a student's performance at Lincoln to other people and institutions. As such, the transcript contains confidential information and will be issued only in accordance with the written and signed instructions of the student. Please visit the Office of the Registrar website for more information on requesting a transcript.

Earned and Attempted Credits

Earned credits are credits for courses in which a student has received a passing grade. For undergraduate students passing grades include A through D and *Pass*. For graduate students passing grades include A through C and *Pass*.

Attempted credits include credits for courses with any valid grade, including "F," Incomplete, and Withdraw (both official and unofficial). The credits listed on transcripts as "Study Abroad," or similar programs, are not counted in attempted credits because the official academic record (credits and grades) will be recorded separately upon receipt of the transcript from the other institution.

When a course is repeated, the credits are included in attempted credits each time the course is attempted. See the section on Grade Point Average for additional information.

Dean's List

Students who earn 12 or more semester credits and a term GPA of 3.30 or better will be honored by having their names placed on the semester Dean's List. Students who earn 12 or more semester credits and a term GPA of 3.00 to 3.29 will be listed as Honorable Mention Dean's List.

Part-Time Dean's List

Students who earn 6 -11 semester credits and a term GPA of 3.30 or better will be honored by having their names placed on the semester Part-Time Dean's List.

Student Complaint Resolution

External Resolutions

If distance education student complaints relating to consumer protection laws are not satisfied, the student should begin the complaint process with the [State Authorization Reciprocity Agreement](#) (SARA) via the [Pennsylvania SARA portal](#). The student complaint

section is at the bottom of the PA-SARA portal. You may file a complaint by downloading the Pennsylvania Department of Education [complaint form for colleges and universities \(PDF\)](#).

Students located outside of Pennsylvania may choose to file a complaint with the state where they are located. You may locate the appropriate state contact information on the NC-SARA [List of States and Contact Information](#) website. California is not a member of SARA. You may file a complaint with California through its [consumer affairs website](#). Complaints concerning standards for accreditation, requirements of affiliation, and policies and procedures outside of a scheduled accreditation review may be submitted to [Middle States Commission on Higher Education](#).

Middle States Commission on Higher Education

3624 Market Street Second Floor West
Philadelphia, PA 19104-2680
Phone: 267-284-5000
Fax: 215-662-5501

Student Location Policy

This policy is in accordance with federal code amendment [34 CFR--PART §600.9\(c\)\(2\)\(ii\)](#) effective as of July 1, 2020 and the National Council for State Authorization Reciprocity Agreement (NC-SARA) rules listed in the [NC-SARA Manual 21.1](#).

The location of each student is determined by the information provided at the time of enrollment into the academic program. It is the student's responsibility to inform the university if their location has changed during their enrollment. All students participating in activities outside of Pennsylvania must notify the university of their change of location. If students change their location for other reasons not related to participating in academic activities, they, also, must notify the university of their change of location.

This policy applies to students in all modalities including but not limited to students who are enrolled in the following:

- online programs
- online courses including online summer school
- hybrid courses
- face-to-face courses
- out-of-state learning placements including but not limited to clinical rotations, internships, community services, fellowships, undergraduate research, or student teaching

- study-abroad programs
- enrollment in Lincoln University online courses while out of the state of Pennsylvania

Academic Standing Policy

Academic Standing Policy for Undergraduate Students

The Office of the Registrar monitors students' academic standing and applies statuses of Good, Warning, Probation and Dismissed based on policy statements contained herein. When warranted, academic standing will be revised following the fall and spring semesters. Academic Standing is not revised as a result of grades earned during summer sessions. A student on Academic Probation must meet with their advisor to develop an academic plan that includes a listing of courses to be taken and support services for the purpose of raising the cumulative GPA to an acceptable level. A student placed on Academic Probation (has attempted a minimum of 30 credits and has a cumulative GPA below 2.0) may not enroll in more than 13 credits during a semester or seven credits during a summer session without written permission from their academic advisor. To see policy on restricted student activities while on academic probation, please see the student handbook.

Should a student on Academic Probation (fall semester) earn a 2.0 or higher cumulative GPA at the end of the fall term, they would be in Good Standing and have all sanctions removed. Any re-admitted student (having achieved at least the minimum cumulative GPA listed in the table below but still below the Good Standing criterion of 2.0 cumulative GPA will be placed on Academic Probation and is subject to the conditions assigned to this designation. Upper class students are placed on Academic Probation in August when their cumulative GPA falls below 2.0 and they have attempted a minimum of 30 credits. To see policy on restricted student activities while on academic probation, please see the student handbook. The occurrence of Academic Warning, Academic Probation or Academic Dismissal is not recorded on the transcript of a student.

1. **Good Academic Standing** – Good standing is the absence of any contingency that would result in the student's being on academic probation or academic dismissal.
 - a. A degree-seeking student with a cumulative GPA at or above 2.0
2. **Academic Warning** – A student on academic warning will have:
 - a. never been in academic warning status in previous semesters
 - b. attempted at least 30 credits
 - c. earned a GPA less than stated below:

Attempted Credits	Minimum cumulative GPA
0-29	1.5
30-59	1.75

60+	2.0
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3. **Academic Probation**

- been placed on academic warning in the previous semester
- attempted at least 30 credits
- earned a GPA less than stated below:

Attempted Credits	Minimum cumulative GPA
0-29	1.5
30-59	1.75
60+	2.0

4. **Academic Dismissal** – A dismissed student will have:

- been placed on Academic Probation in the previous semester
- attempted a minimum of 30 credits
- earned a cumulative GPA less than the minimum stated below:

Attempted Credits	Minimum cumulative GPA
0-29	1.5
30-59	1.75
60+	2.0

Academic Dismissal Appeals

Students who have been dismissed will receive a Notice of Dismissal from the university. That notice will describe the procedures for appealing the dismissal. It is the student's responsibility to keep abreast of their academic standing and to be proactive in any appeal process. Students who have been dismissed and believe extenuating circumstances affected their academic performance may submit a formal letter of appeal and supporting documentation to the Committee on Admissions, Academic Standing & Financial Aid (AAFA) in care of the Office of the Registrar. The academic decision of AAFA Committee is final and not subject to further review. The Office of the Registrar or their designee will provide the appellant with a letter stating the decision of the committee and terms (if any) for future action. Examples of such terms may include a reduced credit load, the repeat of coursework, and the active seeking of assistance from student success.

Academic Standing Policy for Graduate Students

All graduate students are subject to the academic standing rules addressed in this policy. The Office of the Registrar monitors students' academic standing and applies statuses of Good, Probation and Dismissed based on policy statements contained herein. Academic standing will be calculated and applied following each semester including summer.

Students on academic probation are encouraged to discuss their status with their academic advisors. The occurrence of Academic Probation or Academic Dismissal is not recorded on the transcript of a student.

1. **Good Academic Standing** – Good standing is the absence of any contingency that would result in the student’s being on academic probation or academic dismissal.
2. **Academic Probation** – Academic probation describes the standing of a student at the graduate level who is in one of the following categories:
 - a. A student who fails to achieve a cumulative grade point average after any semester of 3.0 or higher.
 - b. A student who has been reinstated following academic dismissal. Academic probation is cleared only when none of the above criteria apply and when the student achieves an overall grade point average of 3.0 as a graduate student at Lincoln University.
3. **Academic Dismissal** – Academic dismissal occurs when:
 - a. A student doesn’t meet a minimum cumulative grade point average of 3.0
 - b. A student is on probation a second consecutive semester. Students that have been dismissed will not be permitted to continue in their program. Any re-admitted student below the Good Standing criterion of 3.0 cumulative GPA will be placed on Academic Probation and is subject to the conditions assigned to this designation.

Academic Dismissal Appeals

Students who have been dismissed will receive a “Notice of Dismissal” from the Office of the Registrar. That notice will describe the procedures for appealing the dismissal. It is the student’s responsibility to keep abreast of his/her academic standing and to be proactive in any appeal process. Students are not allowed more than two appeals at the graduate level. Failure to meet academic standards beyond the second appeal will result in automatic dismissal from the institution. Students who have been dismissed and believe extenuating circumstances affected their academic performance may submit a formal letter of appeal and supporting documentation to the Committee on Admissions, Academic Standing & Financial Aid (AAFA) in care of the Office of the Registrar. The academic decision of the AAFA Committee is final and not subject to further review. The Office of the Registrar or their designee will provide the appellant with a letter stating the decision of the committee and terms (if any) for future action. Examples of such terms include a reduced credit load, the repeat of coursework, and the active seeking of assistance from student success.

Policy Statement for Athletic Certification and Academic Standing

The Department of Athletics is committed to compliance with all NCAA bylaws and university academic policy for all students. It adds two provisions:

1. All student athletes must be in good academic standing (CGPA 2.0 or better) prior to each fall term for eligibility for NCAA athletic certification. Students who do not meet that requirement but who return to good academic standing (CGPA 2.0 or better) prior to the

beginning of the spring term may be certified subject to meeting all other NCAA eligibility requirements.

2. Student Athletes falling below a 2.5 CGPA are required to attend study hall for a minimum of 10 hours per week.

Financial Aid Probation and Academic Standing

The university's policy on "Satisfactory Academic Progress" (SAP) to determine a student's eligibility to receive financial aid is separate from the above policy on academic standing. The student should consult the Financial Aid Office regarding the SAP policy. Each student should become familiar with this policy. In addition, students will be required to submit their Academic Plan along with any appeal seeking Financial Aid reinstatement.

Leaves of Absence or Interruptions in Studies

Undergraduate students who are not enrolled during a regular semester must apply for re-enrollment. Students who do not enroll during a summer session do not need to apply for re-admission.

Academic Standing Policy for Graduate Students

All graduate students are subject to the academic standing rules addressed in this policy.

The Office of the Registrar monitors students' academic standing and applies statuses of Good, Probation and Dismissed based on policy statements contained herein. Academic standing will be calculated and applied following each semester including summer.

Students on academic probation are encouraged to discuss their status with their academic advisors. The occurrence of Academic Probation or Academic Dismissal is not recorded on the transcript of a student.

1. **Good Academic Standing** – Good standing is the absence of any contingency that would result in the student's being on academic probation or academic dismissal.
2. **Academic Probation** – Academic probation describes the standing of a student at the graduate level who is in one of the following categories:
 1. A student who fails to achieve a cumulative grade point average after any semester of 3.0 or higher.
 2. A student who has been reinstated following academic dismissal.

Academic probation is cleared only when none of the above criteria apply and when the student achieves an overall grade point average of 3.0 as a graduate student at Lincoln University.

1. **Academic Dismissal** – Academic dismissal occurs:

1. A student who doesn't meet a minimum cumulative grade point average of 2.7 will not be permitted to continue in the program.
2. A student who would be on probation a second consecutive semester will not be permitted to continue in the program.

Academic Dismissal Appeals

Students who have been dismissed will receive a "Notice of Dismissal" from the Dean of the School of Adult and Continuing Education. That notice will describe the procedures for appealing the dismissal. It is the student's responsibility to keep abreast of his/her academic standing and to be proactive in any appeal process.

Students who have been dismissed and believe extenuating circumstances affected their academic performance may submit a formal letter of appeal and supporting documentation to the Committee on Admissions, Academic Standing & Financial Aid (AASFA) in care of the Office of the Registrar.

The academic decision of the AASFA Committee is final and not subject to further review. The chair of AASFA Committee or his/her designee will provide the appellant with a letter stating the decision of the committee and terms (if any) for future action. Examples of such terms include a reduced credit load, the repeat of coursework, and the active seeking of assistance from student success.

After the committee's decision, if an appellant believes the appeal process was not administered as prescribed herein, the appellant may pursue an appeal of the process, but not the academic decision, in writing, to the Vice President for Academic Affairs. Such an appeal must be made within ten business days from the date of the decision letter from the chair of the AASFA Committee. The appellant is advised to provide as much written documentation as possible, describing how the process was not administered as prescribed herein, accompanied with any supporting materials. The decision of the Vice President for Academic Affairs regarding the process appeal is final and not subject to further review.

Financial Aid Probation and Suspension

There is a policy on "Satisfactory Academic Progress" to determine a student's eligibility to receive financial aid which is separate from the above policy on academic standing. The student should consult the Financial Aid Office regarding the policy. Each student should become familiar with this policy. In addition, a student will be required to submit his/her Academic Plan along with any appeal for Financial Aid.

Academic Renewal Policy

The Academic Renewal policy allows Lincoln University degree seeking students who experienced academic difficulty at an institution to have one opportunity to make a fresh start at that same institution after an absence of at least three calendar years from any postsecondary institution.

Eligibility

To be eligible for academic renewal consideration, you must meet these requirements:

- Not have been enrolled at any post-secondary institution for three or more consecutive calendar years.
- Have not graduated from Lincoln University.

Conditions

- Activated at the time of re-admission
- All courses and credits that were taken prior to extended absence will be removed from consideration for GPA and the GPA will start over.
- All course work will remain on the transcript with a notation of Academic Renewal.
- Requirements for degree will be based on the catalog in effect at the time of re-enrollment.
- Academic Renewal may only be granted once per student.
- The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
- Academic renewal will begin the first term following re-enrollment
- Re-entry into any program is not automatic
- The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation. At least 50% of work toward a degree must be completed after the granting of Academic Renewal status for a student to be eligible for honors at graduation.

Teacher Certification Programs

When the student applies to re-enter a program leading to teacher certification, the qualifying cumulative GPA will be based on:

1. Grades earned in all courses on the transcript - even though these courses no longer contribute to the Lincoln cumulative GPA)
2. Grades of any transfer courses
3. Grades earned at Lincoln after returning under renewal (a minimum of 15 credits).

ACADEMIC PROGRAMS AND DEPARTMENTS

Majors and Minors	Department
Accounting (BA, BS, minor)	Business and Entrepreneurial Studies
Anthropology (BA, BS, minor)	Sociology and Criminal Justice
Biochemistry and Molecular Biology (BA, BS)	Chemistry & Physics
Biology (BA, BS, minor)	Biology
Chemistry (BA, BS)	Chemistry & Physics
Communications (BA, BS, minor)	Communications
Computer Science (BA, BS, minor)	Computer Science
Criminal Justice (BA, BS, minor)	Sociology and Criminal Justice
English Liberal Arts (BA, minor)	Languages & Literature
Environmental Science (BA, BS, minor)	Biology
Finance (BA, BS, minor)	Business and Entrepreneurial Studies
French (BA, minor)	Languages & Literature
Health Science (BA, BS)	Health Science
History (BA, BS, minor)	History, Political Science & Philosophy
Human Services (BA, BS, minor)	Psychology & Human Services
Information Systems Management (BA, BS, minor)	Business and Entrepreneurial Studies
Management (BA, BS, minor)	Business and Entrepreneurial Studies
Mathematics (BA, BS, minor)	Mathematical Sciences
Communications (BA, BS, minor)	Communications
Music (BA, minor)	Visual and Performing Arts
Pan-Africana Studies (BA, BS)	History, Political Science & Philosophy
Philosophy (BA, BS, minor)	History, Political Science & Philosophy
Physics (BA, BS, minor)	Chemistry & Physics
Political Science (BA, BS, minor)	History, Political Science & Philosophy
Psychology (BA, BS, minor)	Psychology & Human Services
Religion (BA, BS, minor)	History, Political Science & Philosophy
Sociology (BA, BS, minor)	Sociology and Criminal Justice
Spanish (BA, minor)	Languages & Literature
Visual Arts (BA, minor)	Visual and Performing Arts
Stand Alone Minors	Department
Bioinformatics	Chemistry & Physics
Black Studies	History, Political Science & Philosophy
Chinese	Languages & Literature
Economics	Business and Entrepreneurial Studies
Engineering	Chemistry & Physics
Entrepreneurship	Business and Entrepreneurial Studies
Ethics	History, Political Science & Philosophy
Forensic Science	Chemistry & Physics
International Relations	History, Political Science & Philosophy
Museum Studies	Visual and Performing Arts

Biology

Mission

The mission of the Biology Department is to provide a supportive and engaging education that promotes critical thinking, effective communication and independent research skills across biological disciplines. The program strives to foster students that will excel in professional and graduate school, will be competitive as they enter the science work force, and will positively contribute to the global scientific community.

Department and Program Description

The Biology curriculum is sufficiently diverse to prepare our students for the broad variety of postgraduate opportunities that exist in biology; it is unified so that each student experiences all the relevant areas of biology, and it is current and reflective of the new information and methodology in the field. The Biology major provides a strong grounding in biology, chemistry, physics and mathematics, and then allows flexibility in the selection of electives. Recommendations for electives are offered for students interested in pursuing interests in medicine, specialized graduate study, and the many careers in the allied health professions.

The department offers B.S. and B.A. degrees in Biology and a B.S. degree in Environmental Science (Biology Track). Minors are offered in Biology and Environmental Issues.

Biology Major Program Goals

1. To prepare students to conduct and communicate original scientific investigations.
2. To provide a curriculum that cultivates the students' knowledge base of the foundational areas of biology at the molecular, cellular, organismal and ecosystem levels of organization.
3. To prepare and graduate students who enter graduate school or professional school or who obtain employment in biology-related fields.

Biology Major Learner Outcomes

1. Apply the scientific method and complete an independent research project.
2. Communicate effectively biological concepts through written, spoken and visual means.
3. Interpret numerical displays of data and apply quantitative skills and reasoning to biological problems.
4. Think critically, both individually and in a group, to solve complex problems.
5. Show proficiency in the following content learning objectives:
 - a. Explain the processes that lead to evolutionary change and recognize biological structures and functions as products of evolutionary change.
 - b. Relate energy flow to nutrient cycling at multiple levels of biological organization.
 - c. Correlate structure and function at multiple levels of biological organization.

- d. Describe how genetic information is stored, expressed and transmitted from one generation to the next.

Biology (BS, BA)

In addition to the University's core requirements, the following courses are required for a degree in Biology:

General Education specific requirements:

Natural Science: Select one (1):

PHY 1003 Introduction to Physics I w/Lab 4

PHY 1005 General Physics I w/Lab 4

Natural Science: Select one (1):

PHY 1004 Introduction to Physics II w/Lab 4

PHY 1006 General Physics II w/Lab 4

General Education Total 52 credits

Biology Core

BIO 1003 General Biology I for Biology Majors w/Lab 4

BIO 1004 General Biology II for Biology Majors w/Lab 4

BIO 2007 Cell Biology w/Lab 4

BIO 2008 Genetics w/Lab 4

Total Biology Core 16 credits

Select five (5): 20 credits

(Three must include labs) chosen from among the following:

BIO 3001 Endocrinology 4

BIO 3002 Vertebrate Physiology w/Lab 4

BIO 3004 Developmental Biology w/Lab 4

BIO 3005 Biological Techniques 4

BIO 3008 Histology w/Lab 4

BIO 3009 Botany w/Lab 4

BIO 3010 Invertebrate Zoology w/Lab 4

BIO 3011 Conservation Biology 4

BIO 3012 General Ecology w/Lab 4

BIO 3017 Principles of Medical Pharmacology 4

BIO 3019 Cancer Biology 4

BIO 3090 Special Topics 4

BIO 4001 Microbiology w/Lab 4

BIO 4002 Immunology w/Lab 4

BIO 4005 Comparative Anatomy of Vertebrates w/Lab 4

BIO 4007 Molecular Biology w/Lab 4

BIO 4008 Human Anatomy w/Lab	4
BIO 4012 Neuroscience w/Lab	4
CHE 3003 Biochemistry I w/Lab	4
CHE 3005 Toxicology	4

Note: One elective may be satisfied by completing both BIO 4013 and BIO 4014.

Total Biology 36 credits

Chemistry Requirements

CHE 1003 General Chemistry I w/Lab	4
CHE 1004 General Chemistry II w/Lab	4
CHE 2003 Organic Chemistry I w/Lab	4
CHE 2004 Organic Chemistry II w/Lab	4

Total Chemistry 16 credits

Mathematics

MAT 1014 Elementary Statistics I	4
(or a comparable statistics class approved by the department)	

Calculus: Select one (1):

MAT 1021 Calculus I	4
MAT 1020 Calculus for Life Science and Social Science Majors	4

Total Mathematics 8 credits

Academic Enrichment: Select one (1): 0-1 credit

BIO 4020 Senior Seminar	1
Study Abroad	0
Independent Research	0

General Education 52 credits

Major 61 credits

Electives 16 credits

Total required for BS degree 129 credits

General Education 52 credits

Major 61 credits

Language through 2002 level 8 credits

Electives 8 credits

Total required for BA degree 129 credits

Biology – Organismal

First Semester			Second Semester		
Course	Title	Credits	Course	Title	Credits
BIO 1003	General Biology I w/lab	4	BIO 1004	General Biology II w/lab	4
MAT 1010*	College Algebra	4	MAT 1011	Pre-calculus	4
ENG 1001	English Composition I	4	ENG 1002	English Composition II	4
CHE 1003*	General Chemistry I w/lab and recitation	4	CHE 1004	General Chemistry II w/lab and recitation	4
	Total	16		Total	16
Third Semester			Fourth Semester		
Course	Title	Credits	Course	Title	Credits
	BIO 2007 or BIO 2011	4		BIO 2007 or BIO 2011	4
	BIO 2008	4	MAT 1014	Statistics	4
	CHE 2003, MAT 1020, BIO 3000 or above	4		CHE 2004, MAT 1020, BIO 3000 or above	4
	Social Science	4		Social Science	4
	Total	16		Total	16
Fifth Semester			Sixth Semester		
Course	Title	Credits	Course	Title	Credits
	Humanities I	4		Humanities II	4
	BIO 3000 or above I	4		BIO 3000 or above II	4
	CSC or Language I	4		CSC or Language II	4
	PHY 1005 w/lab	4		PHY 1006 w/lab	4
	Total	16		Total	16
Seventh Semester			Eighth Semester		
Course	Title	Credits	Course	Title	Credits
	Humanities III	4	BIO 4020*	Senior Seminar	1
	Biology 3000 or above III	4		BIO 4000 or above	4
	Biology 3000 or above IV	4		BIO 4000 or above	4
	African Amer. Experience	4		General Elective	4
				General Elective	4
	Total	16		Total	17
Total Credits: 129					
3 Social Science Courses: (ECO, HIS, POL, SOC1001, PSY, 1-AA Focus) + Pre-med students take SOC 1001 and PSY 1001 for MCAT Prep					
*Math course will depend on math placement; May need to take Mat 1001 or 1002; CHE 1003 requires placement into MAT 1010 or higher					
*Take BIO 4020 only if you have not completed a research project or done study abroad					

Biology – Pre-Med/Molecular

First Semester				Second Semester		
Course	Title	Credits		Course	Title	Credits
BIO 1003	General Biology I w/lab	4		BIO 1004	General Biology II w/lab	4
MAT 1010*	College Algebra	4		MAT 1011	Pre-calculus	4
ENG 1001	English Composition I	4		ENG 1002	English Composition II	4
CHE 1003*	General Chemistry I w/lab and recitation	4		CHE 1004	General Chemistry II w/lab and recitation	4
	Total	16			Total	16
Third Semester				Fourth Semester		
Course	Title	Credits		Course	Title	Credits
	BIO 2007 or BIO 2011	4			BIO 2007 or BIO 2011	4
MAT 1021	Calculus I	4		MAT 1014	Statistics	4
	CHE 2003, MAT 1020, BIO 3000 or above	4			CHE 2004, MAT 1020, BIO 3000 or above	4
	Social Science	4			Social Science	4
	Total	16			Total	16
Fifth Semester				Sixth Semester		
Course	Title	Credits		Course	Title	Credits
	Humanities I	4			Humanities II	4
BIO 2008	Genetics w/ Lab	4			BIO 3000 or above II	4
	CSC or Language I	4			CSC or Language II	4
	PHY 1005 w/lab	4			PHY 1006 w/lab	4
	Total	16			Total	16
Seventh Semester				Eighth Semester		
Course	Title	Credits		Course	Title	Credits
	Humanities III	4		BIO 4020*	Senior Seminar	1
	Biology 3000 or above III	4			BIO 4000 or above	4
	Biology 4000 or above IV	4			BIO 4000 or above	4
	African Amer. Experience	4			General Elective	4
					General Elective	4
	Total	16			Total	17
Total Credits: 129						
3 Social Science Courses: (ECO, HIS, POL, SOC1001, PSY, 1-AA Focus) + Pre-med students take SOC 1001 and PSY 1001 for MCAT Prep						
*Math course will depend on math placement; May need to take Mat 1001 or 1002; CHE 1003 requires placement into MAT 1010 or higher						
*Take BIO 4020 only if you have not completed a research project or done study abroad						

Biology Minor

BIO 1003 General Biology I for Biology Majors w/Lab	4
BIO 1004 General Biology II for Biology Majors w/Lab	4
BIO 2007 Cell Biology w/Lab	4
BIO 2008 Genetics w/Lab	4
Two upper level electives in Biology	8
Total Biology Minor	24 credits

Environmental Science (BS, BA)

The degree in Environmental Science is designed to prepare students for graduate study and/or employment in the Environmental Science field. The courses that comprise the major will expose the student to all the major sub-disciplines in Biology and their application in the field of Environmental Science. In addition, the student can choose electives based on his or her particular interests.

Program Goals

1. To prepare students to conduct and communicate original scientific investigations.
2. To graduate students who (a) have a solid grounding in environmental science and biology with significant exposure to chemistry, physics, mathematics and statistics, and (b) and can make the connections with the social sciences that are critical in understanding and resolving environmental issues.
3. To prepare and graduate students who enter graduate school or who obtain employment in the environmental field.

Program Student Learning Outcomes (SLOs)

Upon completion of the program, students will be able to:

1. Apply the scientific method and complete and independent research project.
2. Effectively communicate scientific concepts through written, spoken and visual means.
3. Synthesize information and apply their knowledge to develop solutions for environmental problems.
4. Use mathematical and statistical models to analyze and solve environmental problems.
5. Show proficiency in the following content learning objectives:
 - a. Make connections between organism needs and environmental resources.
 - b. Explain global physical processes and how these processes lead to changes that cause evolutionary adaptation in populations.

- c. Connect nutrient cycling and energy flow from the individual organism level to the ecosystem level.
- d. Describe ecosystem structure and correlate structure with function for all levels of the ecosystem.

General Education specific requirements:

Mathematics: MAT 1014 Elementary Statistics I 4

Natural Science: Select one (1):

PHY 1003 Introduction to Physics I w/Lab 4

PHY 1005 General Physics I w/Lab 4

Natural Science: Select one (1):

PHY 1004 Introduction to Physics II w/Lab 4

PHY 1006 General Physics II w/Lab 4

General Education Total 52 credits

Environmental Science:

BIO 1003 General Biology I for Biology Majors w/Lab 4

BIO 1004 General Biology II for Biology Majors w/Lab 4

BIO 3005 Biological Techniques 4

BIO 3009 Botany w/Lab 4

BIO 3010 Invertebrate Zoology w/Lab 4

BIO 3012 General Ecology w/Lab 4

GSC 1011 Environmental Science 4

GSC 2000 Climate Studies 4

Select two (2): 8

ANT 2001 General Anthropology 4

BIO 3001 Endocrinology 4

BIO 3011 Conservation Biology 4

CHE 2001 Quantitative Analysis 4

CHE 2005 Inorganic Chemistry 4

PHL 3004 Environmental Philosophy 4

SOC 2004 Human Geography 4

Total Environmental Science 36 credits

Biology: 4

BIO 4001 Microbiology w/Lab 4

Chemistry:

CHE 1003 General Chemistry I w/Lab 4

CHE 1004 General Chemistry II w/Lab 4

Total Chemistry 8 credits

Mathematics:

MAT 1014 Elementary Statistics I	4
(or a comparable statistics class approved by the department)	

Calculus: Select one (1):

MAT 1021 Calculus I	4
MAT 1020 Calculus for Life Science and Social Science Majors	4

Total Mathematics	8 credits
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Academic Enrichment: Select one (1): **0-1 credit**

BIO 4020 Senior Seminar	1
Study Abroad	0
Independent Research	0

Total Environmental Science Major	55-57 credits
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General Education	52 credits
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Major	69 credits
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Electives	8 credits
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Total required for BS degree	129 credits
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General Education	52 credits
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Major	61 credits
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Language through 2002 level	8 credits
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Electives	8 credits
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Total required for BA degree	129 credits
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Environmental Science

	First Semester			Second Semester	
Course	Title	Credits	Course	Title	Credits
BIO 1003	General Biology I w/lab	4	BIO 1004	General Biology II w/lab	4
MAT 1010*	College Algebra	4	MAT 1011	Pre-calculus	4
ENG 1001	English Composition I	4	ENG 1002	English Composition II	4
CHE 1003*	General Chemistry I w/lab and recitation	4	CHE 1004	General Chemistry II w/lab and recitation	4
	Total	16		Total	16
	Third Semester			Fourth Semester	
Course	Title	Credits	Course	Title	Credits
GSC 1011	Environmental Science	4	GSC 2000	Climate Studies	4
	Humanities	4		Humanities	4
	MAT 1020 or 1021	4	MAT 1014	Statistics	4
	Social Science	4		Social Science	4
	Total	16		Total	16
	Fifth Semester			Sixth Semester	
Course	Title	Credits	Course	Title	Credits
	Humanities	4	BIO 3010	Invertebrate Zoology w/lab	4
BIO 3005	Biological Techniques	4	BIO 3012	Ecology w/lab	4
	CSC or Language I	4		CSC or Language II	4
	PHY 1003 or 1005 w/lab	4		PHY 1004 or 1006 w/lab	4
	Total	16		Total	16
	Seventh Semester			Eighth Semester	
Course	Title	Credits	Course	Title	Credits
BIO 3009	Botany w/lab	4	BIO 4020*	Senior Seminar	1
BIO 4001	Microbiology w/ Lab	4		Environmental Elective	4
	Environmental Elective	4		General Elective	4
	General Elective	4		General Elective	4
				General Elective	4
	Total	16		Total	17
Total Credits: 129					
*Math course will depend on math placement; May need to take Mat 1001 or 1002; Che 1003 requires placement into Mat 1010 or higher *Take Bio 4020 only if you have not completed a research project or done study abroad					

Environmental Issues Minor

The following courses are required for the Minor in Environmental Issues:

Minor Requirements

ANT 2001 General Anthropology	4
ANT 3003 Cultural Anthropology	4
PHL 3004 Environmental Philosophy	4
GSC 1011 Environmental Science	4
GSC 2000 Climate Studies	4
BIO 3012 General Ecology w/Lab	4
Total Environmental Issues Minor	24 credits

Biology Course Descriptions

BIO 1001 Human Biology / BIO 1001L Human Biology Lab **4 credit**

Human Biology is designed for non-science majors. This course will introduce students to basic human biology focusing on human organ systems, reproduction, evolution, and the interrelationship between humans and the environment. The accompanying laboratory exercises will permit the student to not only understand the organization of organs and systems within the body but also learn how certain organ systems work.

Recommended Corequisite: BIO 1001L

BIO 1002 Human Health and Disease / BIO 1002L Human Health Lab **4 credit**

This course is a continuation of Human Biology; it continues with the coverage of human systems including their normal function and the disorders that can affect them.

The laboratory exercises supplement the lecture material.

Recommended Corequisite: BIO 1002L

BIO 1003 General Biology I for Bio Majors / BIO 1003L Gen Biology I Lab **4 credits**

This course, in combination with General Biology II, is designed to provide a foundation for continued study in Biology. This course covers basic chemistry, cell structure and function, mitosis and meiosis, basic genetics, and molecular biology. The lab exercises are designed to complement the lecture material.

Prerequisite: MAT 1001. Corequisite: BIO 1003L

BIO 1004 General Biology II for Bio Majors / BIO 1004L Gen Biology II Lab **4 credits**

This course is a continuation of General Biology I; it covers evolution, biological diversity, vertebrate systems and ecology. The lab exercises are designed to complement the lecture material. *Prerequisite: BIO 1003. Corequisite: BIO 1004L*

BIO 2001/HIS 2090 Color Perception **4 credits**

This interdisciplinary general education course will address the biological perception of color and its impact in animal populations as well as the historical implications of color perception in American society. The course will emphasize critical reading and will give

you an opportunity to engage with a variety of texts through peer-reviewed research papers and historical books to develop your biological and historical language. Specifically, this course will provide opportunities for students to draw parallels between communication, color and social status in vertebrate models as well as color, color perception and social status in American society.

Prerequisites: BIO 1001/BIO 1001L or BIO 1003 or BIO 1005 and ENG 1001

BIO 2000 HIV/AIDS

4 credits

This is a one-semester course that introduces the basic scientific information available on HIV/AIDS since 1981. The course will emphasize strategies for prevention and control for the individual, family, and community. Specifically, the course will highlight the special features of HIV infection that have enabled it to become a pandemic, awareness and behavior issues, HIV tests and treatment as well as preventive counseling. Skills for handling sensitive issues as well as the involvement of students in HIV related activities will be fully explored. Reasons for the disproportionate rise of HIV/AIDS in certain ethnic groups will be fully discussed. *Prerequisite: ENG 1001*

BIO 2005 Anatomy and Physiology I / BIO 2005L Anatomy and Phys. I Lab

4 credits

This course is designed and offered for students in the Department of Health Science. It covers the morphology of the tissues, organs and organ systems of humans. The laboratory portion of the course focuses on mammalian dissection.

Prerequisites: Students must complete one of the following course groups: BIO 1001 and BIO 1002; BIO 1003; BIO 1005; or HSC 1060. Corequisite: BIO 2005L

BIO 2006 Anatomy and Physiology II / BIO 2006L Anatomy and Phys. II Lab

4 credits

This course is a continuation of Anatomy & Physiology I that focuses on the functions of human tissues, organs and organ systems. The laboratory exercises focus on the normal and abnormal functioning of human systems. *Prerequisites: BIO 2005.*

Corequisite: BIO 2006L

BIO 2007 Cell Biology / BIO 2007L Cell Biology Lab

4 credits

This course studies the fundamental unit of life, the living cell. The course focuses on studies of cell structure and function at the cellular, subcellular, and molecular levels. Topics covered include organelles, micro-tubular and cytoskeletal components, signaling pathways and principles of bioenergetics. *Prerequisite: BIO 1004. Corequisite: BIO 2007L*

BIO 2008 Genetics / BIO 2008L Genetics Lab

4 credits

This is an introduction to heredity that includes Mendelian and non Mendelian inheritance, cytogenetics, population and molecular genetics. The laboratory exercises use a variety of animal, plant and microbe models to demonstrate the principles of inheritance.

Prerequisite: BIO 1004. Corequisite: BIO 2008L

BIO 3001 Endocrinology**4 credits**

The students in this course will be introduced to the basics of endocrinology including the names and locations of endocrine organs, the types of hormones, their molecular structures and modes of actions. The hormonal regulation of a few specific physiological processes will be explored in depth. Students will be required to read and critique three primary papers in endocrinology. Their understanding of these papers will be assessed through analysis questions accompanying the papers and essay questions on exams.

Prerequisites: BIO 1003, CHE 1004

BIO 3002 Vertebrate Physiology / BIO 3002L Vertebrate Physiology Lab**4 credits**

This is an introduction to cell physiology, biological control systems and coordinated body functions in vertebrates. A comparative approach is used in covering the major groups of vertebrates. The laboratory exercises use a variety of animal models to study normal and abnormal physiology. *Prerequisites: BIO 2007, CHE 1004. Corequisite: BIO 3002L*

BIO 3004 Developmental Biology / BIO 3004L Developmental Biology Lab**4 credits**

This is a comparative study of the reproduction, growth, and development of vertebrates including differentiation of the various types of cells and tissues. The course also covers the control of developmental processes and abnormalities of development.

Prerequisite: BIO 2007. Corequisite: BIO 3004L

BIO 3005 Biological Techniques**4 credits**

This course is designed to give the student hands on experience with a variety of common biological laboratory techniques. The focus of the course may vary from semester to semester.

Prerequisite: BIO 1003 or BIO 1005

BIO 3008 Histology / BIO 3008L Histology Lab**4 credits**

This course covers the structural aspects of tissues and organs with emphasis on mammalian systems. Substantial time is spent on examining the arrangement and interactions of cells in tissues and organs. The laboratory portion of the course includes microscopic examination of tissue and organ sections as well as the methods of making sections for microscopic study. *Prerequisite: BIO 1004. Corequisite: BIO 3008L*

BIO 3009 Botany / BIO 3009L Botany Lab**4 credits**

This is a writing intensive course that emphasizes the importance of plants in the ecosystem and takes an in-depth look at plant morphology, physiology and development. It also covers the evolution of plants with a focus on vascular plants. In lab, the plant body and physiological processes are explored, with an emphasis on the integration of structure and function. Field trips will be conducted to survey the local flora.

Prerequisites: Students must complete one of the following course pairs: BIO 1003 and BIO 1004; or BIO 1003 and GSC 1011. Corequisite: BIO 3009L

BIO 3010 Invertebrate Zoology / BIO 3010L Invertebrate Zoology Lab**4 credits**

This course covers the major invertebrate phyla with respect to phylogenetic relationships,

evolutionary history, anatomy, physiology, and ecology. The laboratory portion of the course includes field work, microscopic examination, dissection, and selected physiological and ecological experiments. *Prerequisite: BIO 1004. Corequisite: BIO 3010L*

BIO 3011 Conservation Biology **4 credits**

This course covers the preservation of biotic diversity. Topics covered include ecosystem structure and function, the extent of biotic diversity, the natural history of diversity on this planet, past and current extinctions, human impact on diversity, and methods to preserve diversity. *Prerequisite: BIO 1004 or GSC 1011*

BIO 3012 General Ecology / BIO 3012L General Ecology Lab **4 credits**

This course is designed for both majors and non-science majors. It introduces the student to basic concepts of ecosystem and community structure, energy transformations, nutrient cycles, population dynamics, animal behavior, and pollution. Current topics of ecological importance are covered. *Prerequisite: BIO 1004 or GSC 1011. Corequisite: BIO 3012L*

BIO 3017 Principles of Medical Pharmacology **4 credits**

Principles of Medical Pharmacology will cover the concepts of pharmacological sciences as they relate to biochemistry, cell biology, and drug therapy. In general, Pharmacology is the study of how drugs act in biological systems to affect their function. It is the study of how the body reacts to drugs. This field is usually referred to as the marriage between chemistry and biology. At the end of this course, you should be familiar with the principles behind drug action and development, dose-response relationships, pharmacodynamics, and pharmacokinetics. *Prerequisites: BIO 1004, CHE 2004*

BIO 3019 Cancer Biology **4 credits**

This course will educate students on various genetic and molecular changes normal cells undergo during transformation into malignant cancer cells. These modifications include unregulated cell proliferation, evasion of cell death, and metastasis. This course will describe factors that contribute to cancer development and discuss cancer prevention and currently available therapeutic treatments. *Prerequisites: BIO 2007*

BIO 3090 Special Topics **4 credits**

Prerequisite: BIO 1004

BIO 4001 Microbiology / BIO 4001L Microbiology Lab **4 credits**

This course introduces students to the importance and applications of microbiology in food production, industry, environment, and human, veterinary and plant health. The mechanisms of pathogenicity of harmful organisms as well as methods of control will be explored. Students will be introduced to methods of cultivating microbes including nutritional and environmental needs of some common microbes. Identification of common microbes by macroscopy, microscopy, morphology, biochemical reactions and serology will also be explored. *Prerequisites: BIO 1004, CHE 1004. Corequisite: BIO 4001L*

BIO 4002 Immunology / BIO 4002L Immunology Lab 4 credits

This course considers pathogenic organisms, 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. *Prerequisites: BIO 2008, CHE 1004. Corequisites: BIO 4002L*

BIO 4005 Comparative Anatomy of Vertebrates / BIO 4005L Comp. Vert. Lab 4 credits

The gross structure of vertebrates is presented in this course as an evolutionary progression from the primitive jawless fishes through the birds and mammals. Special emphasis is placed on the dogfish shark, Necturus and cat which are dissected in the lab portion of the course. *Prerequisite: BIO 1004. Corequisite: BIO 4005L*

BIO 4007 Molecular Biology / BIO 4007L Molecular Biology Lab 4 credits

This course is designed to introduce the student to the concepts of DNA structure and function, molecular methods, and inheritance at the molecular level. Students will learn the vocabulary, methods and concepts using a problem solving approach. *Prerequisite: BIO 2008. Corequisite: BIO 4007L*

BIO 4008 Human Anatomy / BIO 4008L Human Anatomy Lab 4 credits

This course is intended for students who desire to pursue medical, dental, pharmacy, and other health professional degrees and graduate degrees in anatomy. This course presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. Case studies will be used so that students can solve complex medical problems in anatomy. The laboratory component of the course generally parallels and reinforces lecture concepts through the use of preserved specimens, models, histological slides, skeletal materials, and virtual cadaver demonstration. The lecture and lab will be integrated in two 3-hour time blocks each week.

Prerequisite: Students must complete one of the following course groupings: BIO 1004; BIO 2005 and BIO 2006. Corequisite: BIO 4008L

BIO 4009 Infectious Diseases 4 credits

This course is designed to meet the requirements of students interested in careers in biomedical sciences, medicine, veterinary medicine, and nursing. It will highlight the characteristics of various infectious diseases that affect different organ systems of the human body. Features of the diseases and their causative agents explored include nomenclature, classification, pathogenesis, diagnosis, prevention, and treatment options. *Prerequisite: BIO 2007*

BIO 4012 Neuroscience / BIO 4012L Neuroscience Lab**4 credits**

This Neuroscience course is a comprehensive introduction to the mammalian nervous system, focusing on the structure and function of the human brain. Anatomical, cellular, chemical, physiological, and molecular aspects of neuroscience will be discussed. Topics that will be covered include: neurons and glia, neuroanatomy, action potentials, synaptic transmission, neurotransmitters, sensory systems vision, hearing, and touch, motor systems, behavioral responses, development, learning and memory, aging, mental illness, neurodegenerative diseases, and genomics. An inquiry based approach will be taken to facilitate student learning of the material. A laboratory course BIO 4012L will complement the lecture course. *Prerequisites: BIO 2007, CHE 1004. Corequisite: BIO 4012L*

BIO 4013 Biology Research I**2 credits**

Independent research supervised by a faculty member. The student will also meet with in a class setting with other research students to discuss journal articles and other science-related topics and to present and write about their research findings.

BIO 4014 Biology Research II**2 credits**

Independent research supervised by a faculty member. The student will also meet with in a class setting with other research students to discuss journal articles and other science-related topics and to present and write about their research findings.

BIO 4020 Senior Seminar**1 credit**

During this third course in the research sequence, the student will perform research under the supervision of a faculty member. *Prerequisite BIO 1004*

BIO 4095 Independent Study**1-4 credits**

Faculty supervised research

Business and Entrepreneurial Studies

Welcome to the dynamic hub of Business and Entrepreneurial Studies at Lincoln University! Commerce isn't just a fundamental aspect of our society; it's the engine that drives progress. Delving into the intricate mechanisms of business operations, financial strategies, and consumer behavior can arm you with a formidable advantage across a spectrum of professional endeavors. Led by our esteemed and well-connected faculty, you'll embark on a journey of discovery, delving deep into essential business principles while immersing yourself in challenging yet enriching coursework. Armed with the knowledge and skills garnered from our programs, you'll emerge poised to excel in a myriad of roles within the private, public, and international spheres. At Lincoln University, we offer comprehensive programs designed to provide both a solid theoretical framework and practical application across four pivotal business disciplines: Accounting, Finance, Information Systems Management, and Management. Students have the flexibility to pursue either a Bachelor of Science (BS) or Bachelor of Arts (BA) degree or minor in any of those four subjects. In addition to our core disciplines, we also offer minors in Economics and Entrepreneurship, providing students with a well-rounded understanding of the economic landscape and the innovative spirit essential for entrepreneurial success.

Accounting (BS, BA)

In anticipation of the evolving demands of today's global economy, Lincoln University proudly presents Bachelor of Science (BS) and Bachelor of Arts (BA) degrees in Accounting, as well as a minor. Our comprehensive program is structured to prepare students to become industry leaders by equipping them with a foundation in accounting principles, enhanced through real-world experiences and case studies. We are dedicated to fostering analytical thinking, ethical practices, and technical expertise, empowering our graduates to excel in the ever-evolving field of accounting and to make a lasting impact in any industry. Accounting, the systematic recording, analyzing, and reporting of financial transactions, serve as the bedrock of informed decision-making within organizations. Without accurate accounting practices, businesses risk operating at a loss and eventually shutting down. Therefore, mastering the principles of accounting becomes an indispensable asset for anyone navigating the intricate terrain of finance and commerce.

Current CPA Option

In some states, students are required to complete 150 credit hours before they can sit for the CPA examination. Since the Department of Business and Entrepreneurial Studies total undergraduate credit hours requirement is 128, a CPA student has the following recourse:

1. Complete the additional credit hours at Lincoln during the regular academic year and summer sessions.
2. Pursue an MBA degree at the location in Philadelphia.
3. Pursue a double major in two of the Department's disciplines to reach 150 credits.

General Education specific requirements:

Social Sciences: ECO 2003 Principles of Economics	4
Social Sciences: ETP 1051 Black Entrepreneurship	4
Math: BES 1010 Business Mathematics	4
Math: BES 1014 Business Statistics	4
General Education Total	52 credits

BES Core:

ACC 2005 Principles of Accounting	4
FIN 3041 Financial Management	4
INF 2010 Application Development for Business	4
MGT 3006 Quantitative Methods for Management	4
MGT 3035 Principles of Management	4
MKT 3037 Principles of Marketing	4
Total BES Core	24 credits

Accounting: 28

ACC 3031 Intermediate Accounting I	4
ACC 3032 Intermediate Accounting II	4
ACC 3038 Federal & Individual Income Taxation	4
ACC 3040 Accounting Information Systems	4
ACC 3051 Auditing	4
ACC 4031 Advanced Accounting	4
ACC 4050 Advanced Practicum	4

Senior Seminar: 4

BES 4059 Senior Seminar	4
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Select one (1): 4

BUS 1001 Introduction to Business	4
BUS 3036 Business Communication	4
BUS 3034 Business Law	4
ECO 3010 Digital Economy	4
ECO 3015 Public Finance	4
ECO 3020 Economics Inequalities & Discrimination	4
ETP 2020 Principles of Entrepreneurship	4
FIN 1001 Personal Finance	4
FIN 3013 Money and Banking	4
FIN 3042 Advanced Financial Management	4
INF 3030 Information Technology Management	4

INF 3049 E-Commerce/E-Business	4
MGT 3050 Leadership	4
MGT 4035 Organizational Behavior	4
MGT 4037 Human Resource Management	4
SPM 2001 Principles of Sports Management	4
SPM 2005 Sports Marketing	4

Total Accounting Major	64 credits
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General Education	52 credits
Major	64 credits
Electives	12 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	64 credits
Language through 2002 level	8 credits
Electives	4 credits
Total required for BA degree	128 credits

Accounting

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Humanities	4
	Natural Science w/Lab	4
	MAT 1001/1002/1006 (Based on Testing)	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Humanities	4
	Social Science	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
ACC 2005	Principles of Accounting	4
ECO 2003	Principles of Economics	4
BES 1010	Business Mathematics	4
	CSC or Language	4
	Total	16

Fourth Semester		
Course	Title	Credits
BES 1014	Business Statistics	4
INF 2010	Application Development for Business	4
	Humanities	4
	CSC or Language	4
	Total	16

Fifth Semester		
Course	Title	Credits
ACC 3031	Intermediate Accounting I	4
ACC 3038	Federal & Individual Income Taxation	4
MGT 3006	Quantitative Methods	4
	BES Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
ACC 3032	Intermediate Accounting II	4
ACC 3040	Accounting Info. Systems	4
MGT 3035	Principles of Management	4
	BES Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
ACC 3051	Auditing	4
FIN 3041	Financial Management	4
MKT 3037	Principles of Marketing	4
	General or BES Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
ACC 4031	Advanced Accounting	4
ACC 4050	Accounting Practicum	4
BES 4059	Senior Seminar	4
	General or BES Elective	4
	Total	16

Total Credits: 128

Accounting Minor

Required:		12
ACC 3031	Intermediate Accounting I	4
ACC 3032	Intermediate Accounting II	4
ACC 4050	Accounting Practicum	4
Select (1):		4
ACC 3038	Federal & Individual Income Taxation	4
ACC 3040	Accounting Information Systems	4
ACC 3051	Auditing	4
ACC 4031	Advanced Accounting	4
ACC 4041	Government & Non-Profit Accounting	4

Total Accounting Minor

16 credits

Finance (BS, BA)

In anticipation of the rapid evolution and expansion of the global economy, Lincoln University presents Bachelor of Science (BS) and Bachelor of Arts (BA) degrees in Finance, as well as a minor. The term "finance" refers to the management of money. This comprehensive program is meant to develop market-competitive professionals equipped with both theoretical knowledge and applied skills, along with the necessary credentials. Money is the engine that propels our world forward! Finance, the art of managing and distributing wealth, is the cornerstone of commerce. Without the flow of funds, the heart of any business ceases to beat. Thus, mastering finance becomes an essential asset for anyone navigating the complexities of the business world. With a finance degree, you can prepare for a career as a financial planner, financial analyst, actuary, commercial banker, investment manager, securities trader, and more.

General Education specific requirements:

Social Sciences: ECO 2003 Principles of Economics	4
Social Sciences: ETP 1051 Afr American Entrepreneurship	4
Math: BES 1010 Business Mathematics	4
Math: BES 1014 Business Statistics	4
General Education Total	52 credits

BES Core:

ACC 2005 Principles of Accounting	4
FIN 3041 Financial Management	4
INF 2010 Application Development for Business	4

MGT 3006 Quantitative Methods for Management	4
MGT 3035 Principles of Management	4
MKT 3037 Principles of Marketing	4
Total BES Core	24 credits

Finance:	24
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Select one (1):	4
ECO 3010 Money and Banking	4
ECO 3013 Digital Economy	4

Required:	4
FIN 3042 Advanced Financial Management	4
FIN 3047 International Financial Management	4
FIN 3050 Principles of Investments	4
FIN 4047 Risk Management and Insurance	4
FIN 4053 Investment and Portfolio Management	4
FIN 4055 Financial Institutional Management	4

Senior Seminar:	4
BES 4059 Senior Seminar	4

Select one (1):	4
BUS 1001 Introduction to Business	4
BUS 3036 Business Communication	4
BUS 3034 Business Law	4
ECO 3010 Digital Economy	4
ECO 3015 Public Finance	4
ECO 3020 Economics Inequalities & Discrimination	4
ETP 2020 Principles of Entrepreneurship	4
FIN 1001 Personal Finance	4
FIN 3013 Money and Banking	4
FIN 3042 Advanced Financial Management	4
INF 3030 Information Technology Management	4
INF 3049 E-Commerce/E-Business	4
MGT 3050 Leadership	4
MGT 4035 Organizational Behavior	4
MGT 4037 Human Resource Management	4

SPM 2001 Principles of Sports Management	4
SPM 2005 Sports Marketing	4

Total Finance Major	64 credits
General Education	52 credits
Major	64 credits
Electives	12 credits
Total required for BS degree	128 credits
General Education	52 credits
Major	64 credits
Language through 2002 level	8 credits
Electives	4 credits
Total required for BA degree	128 credits

Finance

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Humanities	4
	Natural Science w/Lab	4
	MAT 1001/1002/1006 (Based on Testing)	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Humanities	4
	Social Science	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
ACC 2005	Principles of Accounting	4
ECO 2003	Principles of Economics	4
BES 1010	Business Mathematics	4
	CSC or Language	4
	Total	16

Fourth Semester		
Course	Title	Credits
BES 1014	Business Statistics	4
INF 2010	Application Development for Business	4
	Humanities	4
	CSC or Language	4
	Total	16

Fifth Semester		
Course	Title	Credits
FIN 3013 or 3010	Money & Banking or Digital Economy	4
FIN 3041	Financial Management	4
MGT 3006	Quantitative Methods for Management	4
	BES Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
FIN 3042	Advanced Financial Management	4
FIN 3047	International Financial Management	4
MKT 3035	Principles of Management	4
	BES Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
FIN 3050	Principles of Investments	4
FIN 4047	Risk Management & Insurance	4
MKT 3037	Principles of Marketing	4
	General or BES Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
FIN 4053	Investment & Portfolio Mgmt	4
FIN 4055	Financial Institutional Mgmt	4
BES 4059	Senior Seminar	4
	General or BES Elective	4
	Total	16

Total Credits: 128

Finance Minor

Required:		12
FIN 3013	Money & Banking	4
FIN 3042	Advanced Financial Management	4
FIN 3050	Principles of Investments	4
Select one (1):		4
FIN 3047	International Financial Management	4
FIN 4047	Risk Management and Insurance	4
FIN 4053	Investment & Portfolio Management	4
FIN 4055	Financial Institutional Management	4
Total Finance Minor		16 credits

Information Systems Management (BS, BA)

The Bachelor of Science (BS) or Bachelor of Arts (BA) in Information Systems Management at Lincoln University equips students with the knowledge and skills to effectively utilize technology in any business or organization. This degree program prepares students for various career paths, including systems analysis, business application programming, and decision support in global companies. Students will learn about the innovative ways organizations use information technology to drive their success, and they will develop skills in data management for decision-making, technology and systems management to support organizational goals, business intelligence for competitive advantage, and solution development for value creation. In today's digital age, technological proficiency is the engine driving innovation and efficiency! Information Systems Management (ISM), the study and application of computer systems and networks, stands as the backbone of modern businesses and organizations.

General Education specific requirements:	
Social Sciences: ECO 2003 Principles of Economics	4
Social Sciences: ETP 1051 Black Entrepreneurship	4
Math: BES 1010 Business Mathematics	4
Math: BES 1014 Business Statistics	4
Computer Science: CSC 1051, CSC 1052, or CSC 1058	8
General Education Total	52 credits

BES Core:	
ACC 2005 Principles of Accounting	4
FIN 3041 Financial Management	4
INF 2010 Application Development for Business	4
MGT 3006 Quantitative Methods for Management	4

MGT 3035 Principles of Management	4
MKT 3037 Principles of Marketing	4
Total BES Core	24 credits

Information Systems Management:	24
INF 3030 Information Technology Management	4
INF 3045 Supply Chain Management	4
INF 3049 E-Commerce / E-Business	4
INF 3054 Database Management	4
INF 4020 Data Mining, Warehousing & Modeling	4
INF 4040 Project Management	4

Senior Seminar:	4
BES 4059 Senior Seminar	4

Select one (1):	4
BUS 1001 Introduction to Business	4
BUS 3036 Business Communication	4
BUS 3034 Business Law	4
ECO 3010 Digital Economy	4
ECO 3015 Public Finance	4
ECO 3020 Economics Inequalities & Discrimination	4
ETP 2020 Principles of Entrepreneurship	4
FIN 1001 Personal Finance	4
FIN 3013 Money and Banking	4
FIN 3042 Advanced Financial Management	4
INF 3030 Information Technology Management	4
INF 3049 E-Commerce/E-Business	4
MGT 3050 Leadership	4
MGT 4035 Organizational Behavior	4
MGT 4037 Human Resource Management	4

SPM 2001 Principles of Sports Management	4
SPM 2005 Sports Marketing	4

Total Information Technology Major	64 credits
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General Education	52 credits
Major	64 credits
Electives	12 credits
Total required for BS degree	128 credits

General Education	52 credits
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Major	64 credits
Language through 2002 level	8 credits
Electives	4 credits
Total required for BA degree	128 credits

Information Systems Management

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Humanities	4
	Natural Science w/Lab	4
	MAT 1001/1002/1006 (Based on Testing)	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Humanities	4
	Social Science	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
ACC 2005	Principles of Accounting	4
ECO 2003	Principles of Economics	4
BES 1010	Business Mathematics	4
CSC 1051	Computer Science	4
	Total	16

Fourth Semester		
Course	Title	Credits
BES 1014	Business Statistics	4
INF 2010	Application Development for Business	4
	Humanities	4
CSC 1052	Computer Science	4
	Total	16

Fifth Semester		
Course	Title	Credits
MGT 3035	Principles of Management	4
MGT 3006	Quantitative Methods for Management	4
INF 3030	Information Technology Management	4
	BES Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
INF 3045	Supply Chain Management	4
MKT 3037	Principles of Marketing	4
	BES Elective	4
	General or BES Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
FIN 3041	Financial Management	4
INF 3049	E-Commerce / E-Business	4
INF 3054	Database Management	4
	General or BES Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
INF 4020	Data Mining, Ware. & Model.	4
INF 4040	Project Management	4
BES 4059	Senior Seminar	4
	General or BES Elective	4
	Total	16

Total Credits: 128

Information Systems Management Minor

Required:		8
INF 2010	Application Development for Business	4
INF 3030	Information Technology Management	4
Select two (2):		8
INF 3045	Supply Chain Management	4
INF 3049	E-Commerce/E-Business	4
INF 3054	Database Management	4
INF 4020	Data Mining	4
INF 4040	Project Management	4

Total Information Systems Management Minor **16 credits**

Management (BS, BA)

In anticipation of the evolving needs of today's global business landscape, Lincoln University proudly offers Bachelor of Science (BS) and Bachelor of Arts (BA) degrees in Management, as well as a minor. Our comprehensive program is meticulously designed to prepare students for leadership roles in a variety of organizational settings by equipping them with essential management theories, strategic decision-making skills, and practical tools for effective team and resource management. Our program emphasizes critical thinking, ethical leadership, and global awareness, ensuring that students can navigate complex business environments and make informed, impactful decisions. Through experiential learning opportunities, internships, and case studies, we develop well-rounded professionals capable of leading in dynamic, diverse, and ever-changing workplaces.

General Education specific requirements:

Social Sciences: ECO 2003 Principles of Economics	4
Social Sciences: ETP 1051 Black Entrepreneurship	4
Math: BES 1010 Business Mathematics	4
Math: BES 1014 Business Statistics	4
General Education Total	52 credits

BES Core:

ACC 2005 Principles of Accounting	4
FIN 3041 Financial Management	4
INF 2010 Application Development for Business	4
MGT 3006 Quantitative Methods for Management	4
MGT 3035 Principles of Management	4
MKT 3037 Principles of Marketing	4
Total BES Core	24 credits

Management:	28
BUS 3034 Business Law	4
BUS 4041 International Business	4
ETP 2020 Principles of Entrepreneurship	4
FIN 3050 Principles of Investments	4
MGT 3050 Leadership	4
MGT 4035 Organizational Behavior	4
MGT 4037 Human Resources Management	4
Senior Seminar:	4
BES 4059 Senior Seminar	4
Select one (1):	4
BUS 1001 Introduction to Business	4
BUS 3036 Business Communication	4
BUS 3034 Business Law	4
ECO 3010 Digital Economy	4
ECO 3015 Public Finance	4
ECO 3020 Economics Inequalities & Discrimination	4
ETP 2020 Principles of Entrepreneurship	4
FIN 1001 Personal Finance	4
FIN 3013 Money and Banking	4
FIN 3042 Advanced Financial Management	4
INF 3030 Information Technology Management	4
INF 3049 E-Commerce/E-Business	4
MGT 3050 Leadership	4
MGT 4035 Organizational Behavior	4
MGT 4037 Human Resource Management	4
SPM 2001 Principles of Sports Management	4
SPM 2005 Sports Marketing	4
Total Management Major	6 credits
General Education	52 credits
Major	64 credits
Electives	12 credits
Total required for BS degree	128 credits
General Education	52 credits
Major	64 credits
Language through 202 level	8 credits
Electives	4 credits
Total required for BA degree	128 credit

Management

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Humanities	4
	Natural Science w/Lab	4
	MAT 1001/1002/1006 (Based on Testing)	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Humanities	4
	Social Science	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
ACC 2005	Principles of Accounting	4
ECO 2003	Principles of Economics	4
BES 1010	Business Mathematics	4
	CSC or Language	4
	Total	16

Fourth Semester		
Course	Title	Credits
BES 1014	Business Statistics	4
INF 2010	Application Development for Business	4
	Humanities	4
	CSC or Language	4
	Total	16

Fifth Semester		
Course	Title	Credits
FIN 3041	Financial Management	4
MGT 3006	Quantitative Methods	4
MGT 3035	Principles of Management	4
	BES Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
BUS 3034	Business Law	4
ETP 2020	Principles of Entrepreneurship	4
FIN 3045	Principles of Investments	4
	BES Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
BUS 4041	International Business	4
MGT 3050	Leadership	4
MKT 3037	Principles of Marketing	4
	General or BES Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
BES 4059	Senior Seminar	4
MGT 4035	Organizational Behavior	4
MGT 4037	Human Resource Management	4
	General or BES Elective	4
	Total	16

Total Credits: 128

Management Minor

Required:		12
MGT 3035	Principles of Management	4
MGT 3050	Leadership	4
MGT 4035	Organizational Behavior	4
Select one (1):		4
BUS 3034	Business Law	4
BUS 3036	Business Communications	4
BUS 4041	International Business	4
ETP 2020	Principles of Entrepreneurship	4
MGT 3006	Quantitative Methods for Management	4
MGT 4037	Human Resources Management	4
Total Management Minor		16 credits

Economics Minor

Designed to complement students' primary areas of study, the Economics minor offers a comprehensive exploration of economic theory and its practical applications to provide research and analytical opportunities that develop competitive candidates for postgraduate programs. Through a diverse range of courses, including *Money and Banking*, *Public Finance*, and *Digital Economy*, students gain insights into key economic principles and learn how to apply them in real-world business scenarios.

Required:		12
ECO 3013	Money & Banking	4
ECO 3015	Public Finance	4
ECO 3036	Managerial Economics	4
Select one (1):		4
ECO 3010	Digital Economy	4
ECO 3020	Economic Inequalities & Discrimination	4
ECO 4020	Game Theory Application	4
ECO 4070	Econometrics	4
Total Economics Minor		16 credits

Entrepreneurial Studies Minor

The Entrepreneurship minor is designed to equip students with the knowledge, skills, and mindset necessary to identify, develop, and launch innovative business ventures. The program focuses on fostering creativity, resilience, and strategic thinking, enabling students to turn ideas into viable businesses. Through a hands-on curriculum that blends theory with

real-world application, students learn to assess market opportunities, develop business models, and navigate the challenges of entrepreneurship in various industries.

Required:		8
ETP 2020	Principles of Entrepreneurship	4
ETP 4059	Entrepreneurship Seminar	4
Select two (2):		8
ETP 1051	Black Entrepreneurship	4
ETP 3030	Entrepreneurial Finance	4
ETP 3040	Intellectual Property Law	4
ETP 4000	Enterprise Innovations	4
Total Entrepreneurship Minor		16 credits

Business and Entrepreneurial Studies Course Descriptions

ACC 2004 Principles of Managerial Accounting **4 credits**

This course is intended to present accounting for decision-making. Principles of accounting for larger entities such as partnerships and corporations are addressed. Additional topics include cash flow analysis, cost-volume profit analysis, analysis of financial statements and elementary cost accounting.

ACC 2005 Principles of Accounting **4 credits**

This course provides an understanding of the basic concepts of accounting. Topics include recording transactions, preparations of basic financial statements and maintenance of ledger accounts. Principles of accounting for decision making of proprietorships and larger entities such as partnerships and corporations are addressed. Additionally, topics include cash flow analysis, cost volume profit analysis, analysis of financial statements and elementary cost accounting. *Prerequisite: ENG 1001*

ACC 3004 Accounting & Management Information Systems **4 credits**

This course will introduce students to information technology system that support and are integral to financial and managerial accounting. Topical coverage will include system design, implementation, operation, and system upgrading using commercial accounting software packages that bridge the gap between theory and practice. ERP laboratory exercises will be integrated in class lectures and assignments. *Prerequisite: ACC 2005*

ACC 3031 Intermediate Accounting I **4 credits**

The topics considered in this course include an in-depth analysis of the treatment applicable to each balance sheet account and financial statements. Also considered are net income concepts, generally acceptable accounting principles, and interpretation of financial statements for nonprofit and for-profit entities. *Prerequisite: ACC 2005*

ACC 3032 Intermediate Accounting II **4 credits**

This course entails a continuation of the study of technical financial accounting and reporting which was initiated in Intermediate Accounting I. Follow up inquiry is made on the topics of the underlying concepts of financial accounting and on the following subjects: liabilities, stockholders' equity, securities' investments, and revenue recognition. Accounting for income taxes, retirement plans and leases are evaluated, along with revisiting the analysis of accounting errors and disclosure. *Prerequisite: ACC 3031*

ACC 3038 Federal & Individual Income Taxation **4 credits**

This course provides an overview of Federal Income taxation, followed by a study of tax theory, tax accounting principles, tax planning and research, involving the applicable laws and regulations. The structure of the individual income tax and the solution of individual tax problems are addressed. The course also introduces the Federal and State Individual Income Tax returns, including sole proprietorships. *Prerequisite: ACC 2005*

ACC 3040 Accounting Information Systems **4 credits**

This course will introduce students to information technology system that support and are integral to financial and managerial accounting. Topical coverage will include system design, implementation, operation, and system upgrading using commercial accounting software packages that bridge the gap between theory and practice. ERP laboratory exercises will be integrated in class lectures and assignments. *Prerequisite: ACC 2005*

ACC 3051 Auditing **4 credits**

This course provides an in-depth understanding of auditing standards, principles, and practices. Topics include audit planning, internal controls, audit evidence, audit reports, and ethical responsibilities. Emphasis is placed on understanding the audit process and developing the skills necessary to conduct an audit. *Prerequisite: ACC 2005*

ACC 4031 Advanced Accounting **4 credits**

This course covers topics that are essential for the Certified Public Accounting (CPA) Examination and Certified Management Accounting (CMA) Examination including: the structure of US GAAP and International Financial Reporting Standards (IFRS); Securities & Exchange Commission (SEC) reporting; fund accounting for government, non-profits and healthcare; and bankruptcy and reorganization accounting. *Prerequisite: ACC 3032*

ACC 4041 Government and Non-Profit Accounting **4 credits**

This course analyzes accounting principles and procedures unique to federal, state, and local governments, and not-for-profit organizations. It illustrates financial statements and reports prepared for each type of entity, fund, and account group. The course explores the role of the Governmental Accounting Standards Board (GASB) and the Financial Accounting

Standards Board (FASB) in establishing accounting standards and disclosure requirements for governments and not-for-profit organizations. *Prerequisite: ACC 3032*

ACC 4050 Accounting Practicum

4 credits

This course is designed to bridge the gap between theoretical knowledge and real-world application by immersing students in practical scenarios and case studies. Throughout the course, students will engage with industry-standard accounting programs and software, such as QuickBooks, Excel, and financial modeling tools, to solve problems that mirror challenges faced in professional settings. By analyzing actual business cases and financial data, students will develop critical skills in financial reporting, budgeting, auditing, and decision-making. *Prerequisite: ACC 3032*

ACC 4095 Independent Study

1-4 credits

Faculty supervised research

BES 1010 Business Mathematics

4 credits

This course is designed to provide students with the mathematical tools and concepts necessary for business and financial decision-making. Topics include fundamental arithmetic operations, percentages, algebra, statistics, financial mathematics, and basic calculus concepts as applied to business problems. The course emphasizes practical applications and problem-solving techniques relevant to real-world business. *Prerequisite: MAT 1001, MAT 1002, MAT 1006, or MAT 1010*

BES 1014 Business Statistics

4 credits

The course will cover the basics of Statistics and probability and their applications to business, economics, biomedical, and related sciences. The main topics covered include descriptive statistics, probability and random variables, elemental distributions (binomial and normal distributions), confidence intervals and hypothesis testing (one sample and two samples), correlation, and regression. *Prerequisite: BES 1010 or MAT 1010*

BES 4020 Cooperative Education

4 credits

On- and/or off-campus work/assignments performed under the supervision of an instructor within the department of Business and Information Technology in cooperation with internal/external institutional or organizational management.

Prerequisites: Jr. or Sr. standing and permission of the chair

BES 4030 Internship

4 credits

This course gives students the opportunity to receive credits for interning with enterprises in the public and private sector or with departments within the university. A student may also be able to combine his/her study abroad experience with an internship opportunity.

Prerequisites: Junior or senior standing and permission of the chair

BES 4040 Study Abroad

4 credits

BES 4059 B.E.S. Senior Seminar**4 credits**

This capstone course strategically integrates all the Department's major and minor disciplines. It is an interdisciplinary writing emphasis course based on enterprise research, case study analysis, lectures, site visitations, and class discussions. The course explores major strategic forces and ethical issues impacting business efficiency, effectiveness, productivity, and socially responsible management. Students will conduct research and write papers on several integrative research themes. *Prerequisites: BES 1010, MGT 3006*

BES 4095 Independent Study**1-4 credits**

Faculty supervised research

BUS 1001 Introduction to Business**4 credits**

This course is designed for non-B.E.S. students to introduce a series of basic concepts about the information and operation of business units in the economic, financial, and legal environments within an economy.

BUS 3034 Business Law**4 credits**

This is an advanced course covering the trends and developments of an economy based on digital goods and services. Topics covered include infrastructure, digital markets, public and corporate social responsibility policies and practices. Special focus is on two main goals: 1) to understand how firms and individuals engage the digital markets; and 2) to understand how the digital markets are regulated and designed. *Prerequisite: MGT 3035*

BUS 3036 Business Communications**4 credits**

This course offers an advanced analysis of communication processes, systems, and problems facing large organizations. Topics include analysis and practice in writing, listening, briefings, reports and career interviewing, searching, etc. Special emphasis is on management and supervision controlling, directing, giving orders and instructions, employee performance, and communicating with the boss. *Prerequisite: MGT 3035*

BUS 4041 International Business**4 credits**

This course deals with the overview of current international business patterns, what makes international business different from domestic business, the social systems within countries as they affect the conduct of business from one country to another, the major theories explaining international business transactions and the institutions influencing the activities. *Prerequisites: MGT 3035*

BUS 4095 Independent Study**1-4 credits**

Faculty supervised research

ECO 2003 Principles of Economics**4 credits**

This course serves as an introduction to fundamental economic concepts and analysis, the

determinants of the aggregate level of economic activity in a mixed economy, and fiscal and monetary policy. This includes the analysis of individuals, households, and firms' decision making to allocate resources. Along with consideration of pricing, market inefficiencies, inflation, employment and the business cycle. *Prerequisites: MAT 1001, MAT 1002, MAT 1006, MAT 1010, or BES 1010*

ECO 3010 Digital Economy

4 credits

This is an advanced course covering the trends and developments of an economy based on digital goods and services. Topics covered include infrastructure, digital markets, public and corporate social responsibility policies and practices. Special focus is on two main goals: 1) to understand how firms and individuals engage the digital markets; and 2) to understand how the digital markets are regulated and designed. *Prerequisite: ECO 2003, BES 1014 or MAT 1014*

ECO 3013 Money and Banking

4 credits

This class is a study of monetary policy and the Federal Reserve system, financial markets and financial intermediaries, the regulation and structure of the commercial banking industry, and international banking. *Prerequisites: ECO 2003, BES 1010 or MAT 1010*

ECO 3015 Public Finance

4 credits

This course presents an analysis of various sources of financing government, such as taxation, debt and other non-tax revenues, in terms of their incidence and economic effects. An examination of current issues including the role of government in a market economy, functional specialization among the different levels of government, and policies toward poverty are included. This course is open to students from other departments at the junior and senior levels. *Prerequisites: ECO 2003, BES 1010 or MAT 1010*

ECO 3020 Economic Inequalities and Discrimination

4 credits

This advanced course will provide students with a theoretical, empirical and analytical understanding of economic inequalities and discrimination. Students will explore what policies have caused and addressed the inequities. Discussion will cover economic theories, policies with applications along race and gender lines. Exploration into their relationship to discrimination. Focus also includes an examination of social processes and economic analysis of markets and government. *Prerequisites: ECO 2003*

ECO 3036 Managerial Economics

4 credits

Decision making in the modern business firm, demand and cost analysis, inventory problems, investment problems, and deterministic and probabilistic models of managerial operations are analyzed. Applications in transportation and other public utility corporations will be emphasized. *Prerequisites: ECO 2003, BES 1014 or MAT 1014, MGT 3035*

ECO 4020 Game Theory Application

4 credits

This course reinforces game theory concepts and masters strategic thinking. Focus is on the basic framework and principles. In class application, such as dominance, backward

induction, Nash equilibrium, commitment, credibility, asymmetric information, and reputation are discussed. Games will be played in class, and results will be analyzed. Economics, politics, movies, and life examples are also utilized. *Prerequisites: ECO 2003, MGT 3006*

ECO 4070 Econometrics

4 credits

This course used tools of economic theory, mathematics, and statistical inference to analyze economic phenomena. The objective is to evaluate approaches to data analysis, linking a story about the real world using real world data. Regression models to time series and panel data, univariate and multivariate regression analysis, limited dependent variable models and topics which will be explored. *Prerequisites: ECO 2003, BES 1010 and BES 1014 or MAT 1010 and MAT 1014*

ECO 4095 Independent Study

1-4 credits

Faculty supervised research

ETP 1051 Black Entrepreneurship

4 credits

The course will provide an overview of entrepreneurial theory while offering practical knowledge on starting, managing, and scaling businesses with a focus on innovation, social impact, and sustainability within African American communities. Students will engage with case studies, interviews, and mentorship opportunities from established African American Entrepreneurs. The course also emphasizes the role of Entrepreneurship in building wealth, community empowerment, and social justice.

ETP 2020 Principles of Entrepreneurship

4 credits

This course provides an overview of entrepreneurship and will teach students how to write a business plan, research a market, and keep accounting records. The legal, financial, organizational planning and human relations aspects of small businesses will be covered. Students will discuss aspects of launching a new venture and explore the use of technology for keeping inventories, payroll, and purchasing. A capstone project will involve the embryonic development of a small commercial and/or consulting venture. Case studies and guest entrepreneur presentations will supplement class lectures.

ETP 3030 Entrepreneurial Finance

4 credits

This course presents a working knowledge of core financial concepts that entrepreneurs need to understand to operate their business enterprises. Rather than a consideration of the large organization, the focus is on sole proprietorships, partnerships, limited liability companies, and private corporations. Traditional corporate finance topics are covered and expanded to include retirement plan and investment decisions, financial planning, and risk management. Cases studies will supplement class lectures.

Prerequisites: ACC 2005, ETP 2020

ETP 3040 Intellectual Property Law

4 credits

Innovation and the protection of innovative technologies are fundamental to business creativity and success. This course is designed to provide students with an introduction to the body of intellectual property law that governs business transactions. The course will stress understanding of the various forms of protection that are legally available: patents, trademarks, copyrights, and trade. It stresses the suitability of one protection versus another and evaluates how to make sound legal business decisions. *Prerequisite: BUS 3034*

ETP 4000 Enterprise Innovations

4 credits

This objective of this course is to support the creation, development, production, transfer, and marketing of goods and service technologies for use by public and private sector enterprises in diversified industries. The course furthers the groundwork for idea creation by investor-entrepreneurs, idea application and commercialization. Entrepreneurs and public/private sector executives will guest lecture to expose students to the current available innovations, financing, manufacturing and marketing expertise of existing and startup enterprises. *Prerequisite: ETP 2020*

ETP 4059 Entrepreneurship Senior Seminar

4 credits

This seminar explores advanced topics in entrepreneurship, applying innovative solutions to pressing issues that entrepreneurs face in sustaining business enterprise. This is a course on discovery, using a logical and systematic approach to the identification of emerging problems that have caused business failure. Emphasis will involve in-depth examination of challenges in entrepreneurship and build the knowledge, skills and attitudes necessary for responding to such challenges that result in sustained growth and successful business practices. *Prerequisite: ETP 2020*

ETP 4095 Independent Study

1-4 credits

Faculty supervised research

FIN 1001 Personal Finance

4 credits

This course covers subjects important for everyday personal money management. The ability to establish, improve, and maintain good credit, insight about how to properly manage debt, the power of savings, foundational tools to make smart investment decisions, and the importance of having adequate insurance coverage are a sample of the life skills discussed. Practical steps to becoming a financially independent adult post college are also presented in this course using quantitative exercises that the student can apply immediately.

FIN 3013 Money and Banking

4 credits

This class is a study of monetary policy and the Federal Reserve system, financial markets and financial intermediaries, the regulation and structure of the commercial banking industry, and international banking. *Prerequisites: ECO 2001, ECO 2003, BES 1010, or MAT 1010*

FIN 3041 Financial Management

4 credits

This course presents an introduction to fundamental concepts in financial management and financial statement analysis. Long term investment and financing decisions, and related financial policy problems, working capital management with an emphasis on cash management are addressed. This is an ERP infused course. *Prerequisite: BES 1014, MAT 1014, ACC 2005*

FIN 3042 Advanced Financial Management

4 credits

This is an advanced financial management course, which is an extension of FIN 341 that integrates previously learned accounting and financial concepts and practices. Emphasis will be placed on the application of the major financial principles that guide sound financial decisions in a modern enterprise. Students will be exposed to financial performance indices and models that are employed in the ongoing management, growth, and control of the enterprise, crises management, turn around strategies, and forecasting. The role of the financial manager in securing sources of short and long term funding, enterprise valuation and capital budgeting, development of financial reporting and strategic planning will be extensively covered. The approach will be a combination of lecture, discussion, case studies, and problem solving with a focus on sound managerial financial decision making.

Prerequisite: FIN 3041

FIN 3047 International Financial Management

4 credits

The course emphasis is on financial decision making and policies of the international corporation. Risks and returns of international investments, corporate strategy and the decision to invest abroad, including joint ventures with national governments and foreign private enterprises are examined. The management of short term capital flows in the multinational firm as well as concepts; definitions and measurements of exposure and risks are analyzed. *Prerequisite: FIN 3041*

FIN 3050 Principles of Investments

4 credits

This course covers many of the major areas and issues in the investment banking industry. Emphasis is placed on the dynamics of the stock market in relation to investment portfolio decisions and the various concomitant factors, which impinge on them, such as interest rates, bond prices, micro and macroeconomic issues, and domestic and global economies. *Prerequisite: FIN 3041*

FIN 4047 Risk Management and Insurance

4 credits

This course is designed to expose students to the identification and analysis of all types of risks a public or private organization encounters in its conduction of business and an individual is exposed to in his/her life cycle. The overall assumption is that risks can be managed if they are identified prior to a loss, and insurance is an important available tool for that purpose. Substantial discussion of the myriad of potential losses incurred by businesses and individuals, together with the general risk management process and the alternative risk management tools and methods, including loss control, risk retention, and risk transfer are studied. *Prerequisites: ECO 2002, ECO 2003, BES 1014, or MAT 1014*

FIN 4053 Investment and Portfolio Management 4 credits

This course extends the study of investments to include the various theories, models and applications associated with the construction and management of investment portfolios. Sophisticated investment tools and strategies will be analyzed and applied. *Prerequisite: FIN 3045*

FIN 4055 Financial Institutional Management 4 credits

This course presents an introduction to fundamental concepts of the management of financial institutions. It deals with the techniques used by financial institutions and market managers to measure and manage risks; long term decisions and related financial policy issues; the impact of technology on regulatory and global environments of financial institutions; asset and liability management with an emphasis on institutional and market efficiency; shareholder wealth maximization and corporate ethics. *Prerequisite: ECO 3013*

FIN 4095 Independent Study 1-4 credits

Faculty supervised research

INF 2010 Application Development for Business 4 credits

This is an introductory course in computer systems from an information technology perspective. Topics include surveys of the following sub-areas of information: artificial intelligence, hardware, and operating systems; programming languages and software development; ethics and social issues; history; problem-solving; and computer programming using an object-oriented programming language like Ruby.

INF 2099 Special Topics 4 credits**INF 3030 Information Technology Management 4 credits**

Information technology (IT) is concerned with integrating computer systems and software packages to process and manage information. This introductory course gives students a broad understanding of using various IT tools to improve organizational productivity and the bottom line. Students will develop a good knowledge of computer technology, information systems, database management, systems analysis and design, spreadsheet analysis, design and implementation of systems, and the linkages of these disparate information technologies to support individual, group, and corporate goals. Students will execute group and individual computer assignments and be exposed to ERP software technologies. *Prerequisite: MGT 3035*

INF 3045 Supply Chain Management 4 credits

This course focuses on studying the physical and information flows in the supply chain to improve an organization's productivity, efficiency, and effectiveness. Global logistics, inventory management, and supplier relationship theories and practices will be developed as a base for developing and implementing supply chain strategies. *Prerequisite: MGT 3035*

INF 3049 E-Commerce/E-Business**4 credits**

This course will study the disruptive information technologies that are under the grid and have transformed the production, marketing, sale, and distribution of goods, products, and services. The forces that drive e-commerce, such as competition, globalization, logistics, supply chain management, and the technological revolution, will be studied for their impact on consumerism, businesses, and "brick-and-mortar" enterprises. Case studies will be utilized to understand electronic infrastructures' nature, implementation, and application and the critical factors contributing to success in the e-commerce marketplace. *Prerequisite: MKT 3037*

INF 3054 Database Management**4 credits**

This course will introduce students to the principles of single and multiple-application database systems. In addition, it will develop graphical and logical skills used to construct logical models of information handling systems. Topics include data independence and data redundancy, comparative survey of nomenclature, logical and physical views of data, data description languages and the database management system, relational, hierarchal, and network approaches, operations informational systems, security and integrity, data flow diagrams, data dictionaries, analysis response requirements, and immediate access diagrams. *Prerequisites: CSC 1052 or CSC 1058, INF 3030*

INF 4020 Data Mining**4 credits**

This course provides an overview of entrepreneurship and will teach students how to write a business plan, research a market, and keep accounting records. The legal, financial, organizational planning and human relations aspects of small businesses will be covered. Students will discuss aspects of launching a new venture and explore the use of technology for keeping inventories, payroll, and purchasing. A capstone project will involve the embryonic development of a small commercial and/or consulting venture. Case studies and guest entrepreneur presentations will supplement class lectures. *Prerequisite: INF 3054*

INF 4040 Project Management**4 credits**

This course provides an overview of entrepreneurship and will teach students how to write a business plan, research a market, and keep accounting records. The legal, financial, organizational planning and human relations aspects of small businesses will be covered. Students will discuss aspects of launching a new venture and explore the use of technology for keeping inventories, payroll, and purchasing. A capstone project will involve the embryonic development of a small commercial and/or consulting venture. Case studies and guest entrepreneur presentations will supplement class lectures. *Prerequisites: INF 2010, INF 3030*

INF 4095 Independent Study**1-4 credits**

Faculty supervised research

MGT 3006 Quantitative Methods for Management**4 credits**

This course introduces the concepts and methodologies of decision modeling and structured decision making. Theoretical concepts will be developed and practical hands on applications will be executed using a variety of spreadsheet and statistical software packages. The process of scientific enquiry using observation, testing, sensitivity analysis, and modeling principles will be employed to reinforce understanding of real world decision making process. Selected applications in production management, economics and finance will be used to illustrate various decision making principles. Algebraic and structured problems will also be incorporated and form the basis of in class and homework project assignments. *Prerequisites: ACC 2003 or ACC 2005, BES 1014 or MAT 1014*

MGT 3035 Principles of Management**4 credits**

This course will introduce theories and concepts of management. Organizational structures and processes, and modern management practices in a dynamic economic and social environment are analyzed. *Prerequisite: ECO 2003*

MGT 3050 Leadership**4 credits**

This course will cover the concept and importance of leadership and its power to influence and direct behavior. It will focus on the theories of leadership, types, styles, qualities and characteristics of leaders and the environmental factors that influence the leadership process. The difference between leadership and managers will be explored within the context and application of human resources and supervisory relationships. How the roles of leadership and supervisory management converge and diverge will form the basis of theoretical and practical case study analyses. *Prerequisite: MGT 3035*

MGT 4035 Organizational Behavior**4 credits**

This course reviews relationship of individuals and groups with organizational entities and analyzes, in depth, motivation, leadership, technology, and social control in business and nonprofit organizations. *Prerequisite: MGT 3035*

MGT 4037 Human Resources Management**4 credits**

This course will emphasize management of human resources in business and nonprofit organizations. Recruiting, employing, and maintaining the human resource, compensation, evaluation, industrial relations and other personnel problems and activities are covered in depth. This is an ERP infused course. *Prerequisite: MGT 3035*

MGT 4095 Independent Study**1-4 credits**

Faculty supervised research

MKT 3037 Principles of Marketing**4 credits**

This course surveys marketing objectives, functions, and problems. The emphasis is on management of product development, distribution and promotion. Consumer considerations and social responsibilities are analyzed. *Prerequisite: ECO 2003*

MKT 4095 Independent Study**1-4 credits**

Faculty supervised research

SPM 2001 Principles of Sports Management**4 credits**

This course provides an overview of the sports industry, including its history, structure, and current trends. Students will explore various career opportunities in sports management and develop an understanding of the different sectors within the industry.

SPM 2005**4 credits**

This course focuses on marketing principles specific to the sports industry. Topics include sponsorships, promotions, fan engagement, and the role of digital media in sports marketing.

Chemistry and Physics

The Chemistry program offers undergraduate study leading to a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree in Chemistry and Biochemistry & Molecular Biology, and pre-professional studies in chemical engineering, medicine, dentistry, pharmacy, allied health, forensic toxicology, and environmental science. The department provides training for students interested in pursuing careers in materials science, nanotechnology, forensic science and biotechnology. The B.A. degree is certified by the American Chemical Society.

The interests of our faculty include the traditional sub-disciplines of analytical, physical, inorganic, organic and biochemistry along with forensic science and forensic toxicology. The department is well-equipped for teaching and research. The majority of our graduates pursue graduate or professional studies. A significant number of chemistry graduates hold important positions in government, academia and industry.

Chemistry (BS, BA) – ACS Accredited

For the ACS accredited Bachelor of Science degree in chemistry from Lincoln University, a student must complete the University core (as stated), the Chemistry major requirements, the math sequence through Calculus II, and the Cooperative Internship/Study Abroad requirements. Each student must have a minimum of 128 credits for graduation.

ACS-Accredited Track

General Education specific requirements:

Mathematics: MAT 1021 Calculus I	4
Natural Science: PHY 1005 General Physics I w/Lab	4
Natural Science: PHY 1006 General Physics II w/Lab	4
General Education Total	52 credits

ACS-Accredited Requirements

BIO 1003 General Biology I for Biology Majors w/Lab	4
BIO 1004 General Biology II for Biology Majors w/Lab	4
CHE 1003 General Chemistry I w/Lab	4
CHE 1004 General Chemistry II w/Lab	4
CHE 2001 Quantitative Analysis w/Lab	4
CHE 2003 Organic Chemistry I w/Lab	4
CHE 2004 Organic Chemistry II w/Lab	4
CHE 2005 Inorganic Chemistry w/Lab	4
CHE 3000 Physical Chemistry I w/Lab	4
CHE 3001 Physical Chemistry II w/Lab	4
CHE 3003 Biochemistry I w/Lab	4
CHE 3004 Biochemistry II w/Lab	4
CHE 3010 Research Seminar I	4

CHE 4002 Instrumental Analysis w/Lab	4
MAT 1022 Calculus II	4
Cooperative Education/Internship/Study Abroad	4
Total ACS-Accredited Track	61 credits

Select 3 courses	12 credits
BIO 3017 Principles of Medical Pharmacology	4
BIO 4001 Microbiology (w/Lab)	4
BIO 4002 Immunology (w/Lab)	4
BIO 4012 Neuroscience (w/Lab)	4
CHE 2055 Intro to Bioinformatics (w/Lab)	4
CHE 3002 Physical Chemistry III	4
CHE 3005 Toxicology	4
CHE 3090 Special Topics	4
CHE 4003 Advanced Inorganic Chemistry	4
MAT 1014 Elementary Statistics (or comparable Statistics course approved by department)	4
MAT 2021 Calculus III	4
Chemistry Major Total (ACS accredited)	76 credits

General Education	52 credits
Major	76 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	68 credits
Language through 2002 level	8 credits
Total required for BA degree	128 credits

Chemistry – ACS Certified

First Semester		
Course	Title	Credits
MAT 1021	Calculus I	4
BIO 1003	General Biology I & Lab	4
CHE 1003	General Chemistry I & Lab	4
	Humanities	4
Total		16

Second Semester		
Course	Title	Credits
MAT 1022	Calculus II	4
BIO 1004	General Biology II & Lab	4
CHE 1004	General CHE II & Lab	4
	Humanities	4
Total		16

Third Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
CHE 2005	Inorganic Chemistry & Lab	4
CHE 2003	Organic CHE I & Lab	4
	CSC or Foreign Language	4
Total		16

Fourth Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
CHE 2001	Quant & Lab	4
CHE 2004	Organic CHE II & Lab	4
	CSC or Foreign Language	4
Total		16

Fifth Semester		
Course	Title	Credits
CHE 3003	Biochemistry I & Lab	4
PHY 1005	Physics I & Lab	4
BIO/CHE	BIO/CHE Elective	4
	Humanities	4
Total		16

Sixth Semester		
Course	Title	Credits
CHE 3004	Biochemistry II & Lab	4
PHY 1006	Physics II & Lab	4
BIO/CHE	BIO/CHE Elective	4
	Social Science	4
Total		16

Seventh Semester		
Course	Title	Credits
BIO/CHE	BIO/CHE Elective	4
CHE 3000	Physical CHE I & Lab	4
CHE 4002	Instrumental Analysis & Lab	4
CHE 3010	Research Seminar I	4
Total		16

Eighth Semester		
Course	Title	Credits
CHE 3001	Physical CHE 2 & Lab	4
	General Elective	4
	Social Science	4
	Social Science	4
Total		16

Total Credits: 128

Chemistry: Forensic Science Concentration (BS)

This program is designed for students interested in a career in forensic science, particularly as a forensic toxicologist, forensic trace analyst, or seized drug chemist. The program couples a non-ACS degree in Chemistry with the additional coursework required to meet the rigorous curriculum standards of the Forensic Science Education Programs Accreditation Commission (FEPAC). The option exists to earn the ACS accredited B.S. Chemistry degree with the addition of Calculus I and II, and Physical Chemistry II. **This degree program will prepare students to work in a forensic crime laboratory or continue to earn a Master's in Forensic Science degree at one of our partner institutions.**

B.S. Chemistry with a Forensic Science Concentration

General Education specific requirements:

Mathematics: MAT 1020 Calculus for Life Sci & Social Sci Majors	4
Natural Science: PHY 1003 Introduction to Physics w/Lab	4
Natural Science: PHY 1004 Introduction to Physics II w/Lab	4
Social Science: PSY 1001 General Psychology	4
Social Science: SOC 1001 Intro to Sociology	4
General Education Total	52
credits	

Chemistry Major Requirements

BIO 1003 General Biology I for Biology Majors w/Lab	4
BIO 1004 General Biology II for Biology Majors w/Lab	4
CHE 1003 General Chemistry I w/Lab	4
CHE 1004 General Chemistry II w/Lab	4
CHE 2001 Quantitative Analysis w/Lab	4
CHE 2003 Organic Chemistry I w/Lab	4
CHE 2004 Organic Chemistry II w/Lab	4
CHE 2005 Inorganic Chemistry w/Lab	4
CHE 3000 Physical Chemistry I w/Lab	4
CHE 3003 Biochemistry I w/Lab	4
CHE 3004 Biochemistry II w/Lab	4
CHE 3010 Research Seminar I	4
CHE 4002 Instrumental Analysis w/Lab	4
Cooperative Education/Internship/Study Abroad	4
Chemistry Major Total (Non ACS-Accredited)	48 credits

Forensic Science Concentration

MAT 1014 Elementary Statistics I	4
CRJ 2003 Intro to Criminal Justice	4
CRJ 3015 Court & Corrections	4
CRJ 3022 Forensic Science	4

CHE 3005 Toxicology	4
BIO 2008 Genetics w/ Lab	4
BIO 3005 Biological Techniques	4
Forensic Science Total	28 credits

General Education	52 credits
Major	48 credits
Forensic Science Concentration	28 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	40 credits
Forensic Science Concentration	28 credits
Language through 2002 level	8 credits
Total required for BA degree	128 credits

Chemistry: Forensic Science

First Semester		
Course	Title	Credits
MAT 1020	Calculus	4
BIO 1003	General BIO I & Lab	4
CHE 1003	General CHE I & Lab	4
SOC 1001	Intro to Sociology	4
Total		16

Second Semester		
Course	Title	Credits
BIO 1004	General BIO II & Lab	4
CHE 1004	General CHE II & Lab	4
CRJ 2003	Intro to Criminal Justice	3
MAT 1014	Statistics	4
Total		16

Third Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
CHE 2005	Inorganic Chemistry & Lab	4
CHE 2003	Organic CHE I & Lab	4
	CSC or Foreign Language	4
Total		16

Fourth Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
CHE 2001	Quantitative Analysis & Lab	4
CHE 2004	Organic CHE II & Lab	4
	CSC or Foreign Language	4
Total		16

Fifth Semester		
Course	Title	Credits
CHE 3003	Biochemistry I & Lab	4
PHY 1003	Physics I & Lab	4
CRJ 3022	Forensic Science	4
	Humanities	4
Total		16

Sixth Semester		
Course	Title	Credits
CHE 3004	Biochemistry II & Lab	4
PHY 1004	Physics II & Lab	4
CHE 3005	Toxicology	4
	Humanities	4
Total		16

Seventh Semester		
Course	Title	Credits
BIO/CHE	Humanities	4
CHE 3000	Physical CHE I & Lab	4
CHE 4002	Instrumental Analysis & Lab	4
CHE 3010	Research Seminar I	4
Total		16

Eighth Semester		
Course	Title	Credits
BIO/CHE	BIO/CHE Elective	4
CRJ 3045	Criminal Investigation	4
CRJ 2007	Criminal Law	4
	Social Science	4
Total		16

Total Credits: 128

Please note that this is a suggested sequence and depending on your situation, your academic sequence may appear different. Please review with your advisor and refer to the Academic Catalog for academic requirements.

Forensic Science Minor

Required:	12
CHE 3005 Toxicology	4
CRJ 3022 Forensic Science	4
MAT 1014 Elementary Statistics	4
Select one (1):	4
**Upper level Forensic Science Elective	4

Forensic Science Total Minor **16 credits**

*Number of additional credits are dependent upon the core natural science major program

**Bio-2008 Genetics or any 3000 or 4000 level Chemistry or Biology course

Biochemistry and Molecular Biology (BS, BA)

General Education specific requirements:	
Mathematics: MAT 1021 Calculus I	4
Natural Science: PHY 1005 General Physics I w/Lab	4
Natural Science: PHY 1006 General Physics II w/Lab	4
General Education Total	52 credits

Biochemistry & Molecular Biology:	
BIO 1003 General Biology I for Biology Majors w/Lab	4
BIO 1004 General Biology II for Biology Majors w/Lab	4
BIO 2007 Cell Biology w/Lab	4
BIO 2008 Genetics w/Lab	4
BIO 4007 Molecular Biology w/Lab	4
CHE 1003 General Chemistry I w/Lab	4
CHE 1004 General Chemistry II w/Lab	4
CHE 2001 Quantitative Analysis w/Lab	4
CHE 2003 Organic Chemistry I w/Lab	4
CHE 2004 Organic Chemistry II w/Lab	4
CHE 3003 Biochemistry I w/Lab	4
CHE 3004 Biochemistry II w/Lab	4
CHE 3013 Scientific Literature	2
MAT 1022 Calculus II	4
Total Biochemistry & Molecular Biology	54 credits

Academic Enrichment	5 credits
CHE 3000 Physical Chemistry I (w/Lab)	4

Select one (1):	1
CHE 3010 Research Seminar I	1
CHE 3011 Research Seminar II	1

Select three to five (3-5) courses:	12-20 credits
BIO 3004 Developmental Biology w/Lab	4
BIO 3017 Principles of Medical Pharmacology	4
BIO 3090 Special Topics	4
BIO 4001 Microbiology w/Lab	4
BIO 4002 Immunology w/Lab	4
BIO 4012 Neuroscience w/Lab	4
BIO 4013 Biology Research I	2
BIO 4014 Biology Research II	2
CHE 2005 Inorganic Chemistry w/Lab	4
CHE 3001 Physical Chemistry II w/Lab	4
CHE 3005 Toxicology	4
CHE 4002 Instrumental Analysis w/Lab	4
CHE 4095 Independent Study	4
Total Biochemistry & Molecular Biology Major	72 credits

General Education	52 credits
Major	72 credits
Electives	4 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	68 credits
Language through 2002 level	8 credits
Total required for BA degree	128 credits

Biochemistry and Molecular Biology

First Semester		
Course	Title	Credits
MAT 1020	Calculus	4
BIO 1003	General BIO I & Lab	4
CHE 1003	General CHE I & Lab	4
	Humanities	4
Total		16

Second Semester		
Course	Title	Credits
	Social Science	4
BIO 1004	General BIO II & Lab	4
CHE 1004	General CHE II & Lab	4
	Humanities	4
Total		16

Third Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
BIO 2007	Cell Biology & Lab	4
CHE 2003	Organic CHE I & Lab	4
	CSC computer or Foreign Lan	4
Total		16

Fourth Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
BIO 2008	Genetics & Lab	4
CHE 2004	Organic CHE II & Lab	4
	CSC computer or Foreign Lan	4
Total		16

Fifth Semester		
Course	Title	Credits
CHE 3003	Biochemistry I & Lab	4
PHY 1003	Physics I & Lab	4
BIO/CHE	BIO/CHE Elective	4
	Humanities	4
Total		16

Sixth Semester		
Course	Title	Credits
CHE 3004	Biochemistry II & Lab	4
PHY 1004	Physics II & Lab	4
BIO/CHE	BIO/CHE Elective	4
	Social Science	4
Total		16

Seventh Semester		
Course	Title	Credits
BIO/CHE	BIO/CHE Elective	4
CHE 3000	CHE I & Lab	4
	Social Science	4
CHE 3010	Research Seminar I	4
Total		16

Eighth Semester		
Course	Title	Credits
BIO 4007	Molecular Bio & Lab	4
CHE 2001	Quant & Lab	4
	General Elective	4
	General Elective	4
Total		16

Total Credits: 128

Chemistry Course Descriptions

CHE 1001 Chemistry in Action

4 credits

This course is designed for non-science majors and who do not need a full year in general chemistry. It also meets the core curriculum requirement for a laboratory science. It does not meet the requirements for a science major. The material includes chemical measurement, matter and energy, atoms, molecules and chemical bonding, periodic properties of elements, stoichiometry, gases, liquids and solids, solutions, reaction rates and chemical equilibria, acids and bases, oxidation reduction, nuclear chemistry, and an overview of organic and biological chemistry. Three hours lecture are required.

CHE 1003 General Chemistry I / CHE 1003L Gen. Chemistry I Lab

4 credit

This course is required for all science division majors. It is a prerequisite to all other chemistry courses. The material includes the tools of chemistry; atoms and elements; compounds and molecules; reactions in aqueous solution; atomic structure; electron configurations and periodicity; chemical bonding; orbital hybridization; molecular orbitals and metallic bonding. Three hours lecture, one hour recitation, and one three hour laboratory per week are required. *Prerequisite: MAT 1001 or MAT 1002. Corequisite courses: CHE 1003L, MAT 1010*

CHE 1004 General Chemistry II /CHE 1004L Gen. Chemistry II Lab

4 credit

This course is required for all science division majors. It is a prerequisite to all upper level chemistry courses. The material includes the behavior of gases and solutions; chemical kinetics; chemical equilibria; chemistry of acids and bases; precipitation reactions; entropy and free energy; electron transfer reactions; and thermochemistry. Three hours lecture, one hour recitation, and one three hour laboratory per week are required.

Prerequisite: CHE 1003. Corequisites: CHE 1004L, MAT 1011

CHE 1020 Che. for Health Science / CHE 1020L Che. Lab for Health Sci.

4 credit

CHE 1020 is an introductory course, which is designed for Health Sciences majors and other health-related professions. It is a one-semester course that will discuss fundamental principles of General Chemistry basic to the understanding of the health related sciences. Principles of atomic structure, periodicity, chemical bonding, molecular structure, stoichiometry, states of matter, thermodynamics, acids and bases, concentration units, kinetics, equilibria, nuclear chemistry, and electrochemistry will be discussed. Additionally, fundamentals of organic nomenclature and a survey of the physical, chemical and biological properties of the main organic functional groups will be covered. One year of high school chemistry is recommended; high school algebra or concurrent registration in MAT 1010 or a higher-level mathematics course is required. *Corequisite: CHE 1020L*

CHE 2001 Quantitative Analysis / CHE 2001L Quantitative Analysis Lab

4 credit

The material in this course includes: Statistical analysis of data; gravimetric analysis; acid base equilibria; acid base, precipitation and complexometric titrations; spectrophotometric analyses; and fundamentals of electrochemistry. Three hours of lecture and Three hours of

laboratory per week are required. *Prerequisites: CHE 1004, MAT 1011 or higher. Corequisite: CHE 2001L*

CHE 2003 Organic Chemistry I / CHE 2003L Organic Chemistry I Lab 4 credit

This course covers the properties, nomenclature, reactions and syntheses of alkenes, alkynes, arenes, alkyl halides, alcohols and ethers. Major reaction types include electrophilic addition, radical addition and substitution, nucleophilic substitution, elimination, acid base and stereochemical reactions. The laboratory involves the separation, purification and synthesis of organic compounds using microscale apparatus. Three hours lecture, one hour recitation, and one three hour laboratory per week are required.

Prerequisite: CHE 1004. Corequisite: CHE 2003L

CHE 2004 Organic Chemistry II / CHE 2004L Organic Chemistry II Lab 4 credit

This course covers the remaining major functional group compounds including carbonyl compounds, carboxylic acids and acid derivatives, amines, phenols and an introduction to the major biochemical groups. Spectroscopic methods infrared, ultraviolet, mass and nuclear magnetic resonance are studied and used in the laboratory for qualitative analysis. Three hours lecture, one hour recitation, and one three hour laboratory per week are required. *Prerequisite: CHE 2003. Corequisite: CHE 2004L*

CHE 2005 Inorganic Chemistry / CHE 2005L Inorganic Chem Lab 4 credit

This course involves the study of chemical nomenclature, chemical reactions of the elements, acid base theory and reactions. Other material covered includes an introduction to inorganic chemistry; building a network of ideas to make sense of the periodic table; hydrogen and hydrides; oxygen, aqueous solutions; acid base character of oxides and hydroxides, alkali metals; alkaline earth metals; groups 3A and 4A elements; group 5A: the pnictogens; sulfur selenium, tellurium and polonium; the halogens; and group 8A: the noble gases. Three hours lecture, and one three hour laboratory per week are required.

Prerequisite: CHE 1004. Corequisite: CHE 2005L

CHE 2055 Intro to Bioinformatics / CHE 2055L Bioinformatics Lab 4 credit

Students will study and use methods and software tools for visualizing and understanding biological data by using computer science and statistics to analyze and interpret biological data. This course will introduce tools useful for retrieving and analyzing biological data and will show how these skills can be applied to a wide range of disciplines such as molecular biology, medicine, biotechnology, forensic science, and anthropology. Students will explore topics such as protein-protein interactions and genomic sequencing data. Basic concepts in computer science (e.g. Linux command-line, batch scripting) will be followed up with introduction to data collection and mining techniques with current software packages (which will be updated frequently and may include NCBI, UCSC genome browser, UniProt, GenBank, 1000 genomes, The Cancer Genome Atlas, HapMap, R, cBioPortal, Tetrad).

Corequisite: CHE 2055L

CHE 3000 Physical Chemistry I / CHE 3000L Phys. Chem. I Lab 4 credit

The material in this course includes: Gases; the first, second and third laws of thermodynamics; chemical equilibria; phases and solutions; phase equilibria; composite reaction mechanisms; and kinetics of elementary reactions. Three hours lecture and three hours laboratory per week are required. *Prerequisites: PHY 1006, Corequisites: MAT 1021, CHE 3000L*

CHE 3001 Physical Chemistry II / CHE 3001L Physical Chemistry II Lab 4 credit

The material covered in this course includes Electrochemistry, surface chemistry, colloids, transport properties, quantum mechanics and atomic structure, chemical bond, chemical spectroscopy, molecular statistics, the solid state and the liquid state. Three hours of lecture and six hours of laboratory per week are required. *Prerequisite: CHE 3000. Corequisites: CHE 3001L, MAT 1022*

CHE 3003 Biochemistry I /CHE 3003L Biochemistry Lab I 4 credit

Biochemistry I covers fundamental aspects of protein isolation, characterization, structure and function, biocatalysis, biomembranes, lipids and metabolic pathways of glycolysis, TCA cycle, and oxidative phosphorylation. Three hours lecture and three hours laboratory per week are required. *Prerequisite: CHE 2004. Corequisite: CHE 3003L*

CHE 3004 Biochemistry II / CHE 3004L Biochemistry II Lab 4 credit

Biochemistry II is a systematic continuation of Biochemistry I and covers photosynthesis, chemistry of nucleic acids, DNA structure, DNA replication, repair transcription, translation and gene regulation, including recombinant DNA techniques, monoclonal antibodies, and gene manipulation. Three hours of lecture and three hours of laboratory per week are required. Note: Biochemistry I and II may be offered without laboratory. *Prerequisite: CHE 3003. Corequisite: CHE 3004L*

CHE 3005 Toxicology 4 credits

Toxicology covers the study of poisonous chemicals, drugs, carcinogens, and other exogenous compounds. The adverse effects of these chemicals in the body will be studied, as well as their metabolism and detoxification from the body. Dose/effect relationships and route of exposure (chronic or acute) will be examined in addition to public health implications (including age, sex, environment, clinical, industrial, and legal issues of exposure. Three hours lecture per week are required. *Corequisite: CHE 3003.*

CHE 3010 Research Seminar I 1 credit

Participants present at least one satisfactory written and one satisfactory oral report each semester on a special chemical problem or on a topic of current interest. Meetings are scheduled for two hours, once a week. Required of junior and senior chemistry majors.

CHE 3090 Special Topics 4 credits

CHE 4002 Instrumental Analysis / CHE 4002L Instrumental Analysis Lab 4 credit

This course studies the principles and practices of modern instrumental analytical methods. Topics include visible, ultraviolet, and infrared spectroscopy; electroanalytical methods; gas and liquid chromatography; nuclear magnetic resonance spectroscopy; atomic absorption and emission spectroscopy; and mass spectrometry. Three hours lecture and three hours laboratory per week are required. *Prerequisite: CHE 3001. Corequisite: CHE 4002L*

CHE 4095 Independent Study Research**1-4 credits**

Faculty supervised research

Physics (BS, BA)

Physics is a discipline which lies at the heart of modern science, engineering and technology, while exerting considerable influence on philosophical and psychological thought. A core group of subjects at the appropriate level provides a solid foundation in the fundamental laws of nature and in the most useful mathematical techniques. These are the basic tools of all of the natural sciences. Completion of a bachelor's degree as a Physics Major prepares the student for graduate work in physics, for further study in other fields (astrophysics, biophysics, chemical physics, oceanography, law, engineering and environmental sciences, geophysics or medicine), or for employment in government and industry.

The Physics Major at Lincoln is supported by highly qualified faculty and modern, well equipped facilities, including introductory and advanced laboratories, a computer laboratory, and an astronomical observatory. The faculty is dedicated to the use of the best traditional and innovative programs to assist the student in achieving his or her career goals.

The course offerings in physics are designed to: (1) provide general insight into the nature and history of the science of physics for the general student; (2) give a thorough background in general physics for the science major, whatever his or her specialty; and (3) prepare the physics major with a firm, effective foundation for professional advancement, graduate study and a successful career as a research scientist.

General Education specific requirements:

Mathematics: MAT 1011 Pre-Calculus w/Lab	4
Language/Computer Science: Take two (2) CSC courses	8
Natural Science: CHE 1003 General Chemistry I w/Lab	4
Natural Science: CHE 1004 General Chemistry II w/Lab	4
General Education Total	52 credits

Freshman Courses:

PHY 1005 General Physics I*	4
PHY 1006 General Physics II*	4

PHY 1005L Freshman Physics Lab I	0
PHY 1006L Freshman Physics Lab II	0
PHY 1071 Problem Solving Skills in Physics	1
Total Freshman Courses	8 credits

Physics Core:

PHY 2011 Mechanics	4
ENS 2020 Engineering Mechanics II: Dynamics	4
PHY 2021 Wave and Optics	4
PHY 2051 Modern Physics	4
PHY 2071 Math Methods of Physics	4
PHY 2091 Sophomore Physics Lab	4
PHY 3011 Analytical Mechanics	4
PHY 3031 Thermal Physics	4
PHY 3041 Electromagnetism	4
PHY 3042 Electromagnetic Theory	4
PHY 3091 Junior Physics Lab	4
PHY 4051 Quantum Mechanics	4
Total Physics Core	48 credits

Upper-level Physics:

Take 3 credits from a 3000 or 4000-level Physics course**	4
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Math Minor:

MAT 1021 Calculus I	4
MAT 1022 Calculus II	4
MAT 2014 Linear Algebra	4
MAT 2021 Calculus III	4
MAT 2022 Differential Equations	4
Total Math Minor	18 credits

Academic Enrichment: Select one (1): ***

PHY 4091 Advanced Physics Lab	4
PHY 4092 Senior Research	4
PHY 4093 Selected Topics in Physics	4

Total Physics Major

* May be replaced by PHY 1003 and PHY 1004 with permission from Department

** Students placed in MAT 1021 should take minimum of 16 credits

*** Electives and academic enrichment courses should be chosen so that the grand total is between 128 and 130 credits

General Education	52 credits
Major	52 credits
Required Minor	18 credits

Electives	6 credits
Total required for BS degree	128 credits
General Education	52 credits
Major	44 credits
Required Minor	18 credits
Language through 2002 level	16 credits
Total required for BA degree	130 credits

Physics

First Semester		
Course	Title	Credits
PHY 1005	General Physics I and labs	4
MAT 1021	Calculus I	4
	CSC or Language	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
PHY 2011	Mechanics	4
ENG 1001	English Composition I	4
MAT 2021	Calculus III	4
	Social Science	4
	Total	16

Fifth Semester		
Course	Title	Credits
MAT 2014	Linear Algebra	4
PHY 2051	Modern Physics	4
PHY 2071	Math Methods of Physics	4
	Humanities	4
	Total	16

Seventh Semester		
Course	Title	Credits
PHY 3041	Electromagnetism	4
ENS/PHY	ENS/PHY elective	4
PHY 4091	Advanced Physics Lab	4
	Humanities	4
	Total	16

Second Semester		
Course	Title	Credits
MAT 1022	Calculus II	4
PHY 1006	General Physics II and labs	4
	CSC or Language	4
	Social Science	4
	Total	16

Fourth Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
PHY 2012	Physics	4
PHY 2021	Wave and Optics	4
MAT 2022	Differential Equations	4
	Total	16

Sixth Semester		
Course	Title	Credits
PHY 2091	Sophomore Physics	4
PHY 3031	Thermal Physics	4
	General Elective	4
	Humanities	4
	Total	16

Eighth Semester		
Course	Title	Credits
PHY 4051	Quantum Mechanics	4
PHY 3042	Electromagnetism Theory	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Physics Minor

A minor in Physics may be earned by taking at least 20 credits from the following Physics courses:

Freshman Courses

PHY 1005 General Physics I	4
PHY 1006 General Physics II	4
PHY 1005L Freshman Physics Lab I	0
PHY 1006L Freshman Physics Lab II	0

Physics Freshman Courses **8 credits**

PHY 2091 Sophomore Physics Lab	4
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Select three (3): **12**

PHY 2011 Mechanics	4
PHY 2021 Wave and Optics	4
PHY 2051 Modern Physics	4
PHY 2071 Math Methods of Physics	4
PHY 3031 Thermal Physics	4
PHY 3041 Electromagnetism	4
PHY 3091 Junior Physics Lab	4

Total Physics Minor **20 credits**

Bioinformatics Minor

BIO 1003 General Biology I w/Lab	4
BIO 1004 General Biology II w/Lab	4
BIO 2008 Genetics w/Lab	4
CHE 2055 Intro to Bioinformatics	4
CHE 2055L Intro to Bioinformatics Lab	0

Bioinformatics Core Courses **16 credits**

Select two (2): **8**

CSC 1051 Computer Applications	4
CSC 1052 Intro to Computer Programming	4
CSC 1058 Computer Programming I	4
CSC 1059 Computer Programming II	4

Total Bioinformatics Minor **24 credits**

Engineering Technology Minor

Engineering Science Minor

PHY 1005 General Physics I (w/Lab)	4
PHY 1006 General Physics II (w/Lab)	4
ENS 1000 Introduction to Engineering	4
ENS 2010 Electrical Circuits I	4
ENS 2011* Electronics I	4
ENS 4095 Independent Study	2-4
Total Minor	22-24 credits

***Or higher level ENS course**

Physics and Engineering Science Course Descriptions

ENS 1000 Introduction to Engineering 4 credits

This is a conceptual and introductory course in engineering process and career opportunities. Emphasis is placed on the design and creative process rather than intense mathematics modeling, using examples from different engineering disciplines. The engineering profession and its relation to current national, social, industrial, ethical, and international issues and problems will be discussed. Global energy issues such as the production and consumption of energy, alternative energy resources and engineering solutions will be used to connect engineering to our everyday lives and society. Students will learn how to develop the tools necessary to be successful in school and in industry by using theory and solving real world challenges. Speakers from different branches of engineering will present on a typical day in their lives. This course is designed for engineering majors.

ENS 2010 Electronic Circuits 4 credits

This course covers important theory in DC and AC circuits analysis. Topics include a review of the solution of simultaneous equations; Kirchhoff's Current and Voltage Laws; nodal and mesh circuit analysis; superposition; source transformations; Thevenin and Norton Equivalent circuits; ideal op-amps; and RC, RL, and RLC circuits.

ENS 2011 Electronics I 4 credits

This course introduces students to analog and digital electronics at an introductory level with a lab component. *Prerequisites: PHY 1006 and MAT 1021.*

ENS 2014 Electrical Circuits II 4 credits

This course is a continuation of Electrical Circuits I. Topics include a review of DC and AC circuit analysis techniques; complex numbers and phasors; use of phasors in the analysis of AC circuits; AC power concepts; polyphase circuits; magnetically coupled circuits; applications of Laplace and Fourier transforms in circuit analysis; s-domain circuit analysis; Bode plots; and filters. The skills in understanding of DC and AC circuit theory are major

components of professional competence for electrical and computer engineers.

Prerequisites: MAT 1021 and MAT 1022. Corequisite: MAT 2022.

ENS 2015 Electronics II

4 credits

This course examines Ideal Operational Amplifiers and Op-Amp Circuits, Darlington configuration, low and high frequency analysis, op-amps, gates: TTL, ECL, CMOS, Integrated Circuit Biasing and Active Loads, Differential and Multistage Amplifiers, Feedback and Stability. *Prerequisites: ENS 2015 and MAT 1022. Corequisite: MAT 2022*

ENS 2030 Materials Science

4 credits

This course examines the relationship between the structure of materials and the resulting mechanical, thermal, electrical, and optical properties. Atomic structure, bonding, atomic arrangement, crystal structure, crystal symmetry, defects, and the use of X-ray diffraction. Phase equilibria and microstructural development. Applications to design. *Prerequisites: CHE 1003, PHY 1005, MAT 1021*

ENS 3010 Signals and Systems

4 credits

This course covers deterministic signals, basics of random signals, transformation of deterministic signals by linear systems, principles of modulation and demodulation, signal-to-noise ratios, analog and discrete filters. *Prerequisites: MAT 1014 and MAT 1022*

ENS 3011 Digital Signal Processing

4 credits

This course presents an overview of the nature of signals, the algorithms and techniques used to process those signals and the applications to which digital signal processing can be usefully put. Digital Signal Processing is concerned with developing and understanding of the concepts underlying digital signal processing. The concept, structure, organization and characteristics of signals are discussed with an examination of the spectrum of periodic signals and the frequency domain and the distinction between signal and noise, the causes of noise and the effects of noise and other factors on signal quality. Techniques for processing signals are examined including filtering and non-filtering processes. Architecture and algorithms for signal processing are presented; graphical and spectral analysis, fast Fourier transforms and the underlying concepts of digital signal processors. Example applications for digital signal processing are presented including communication signal processing, speech signal processing and sound signal processing. *Prerequisites: ENS 3010 and MAT 1022*

ENS 4011 Microprocessor Systems

4 credits

Microprocessor architecture and organization, Bus architectures, types and buffering techniques, Memory and I/O subsystems, organization, timing and interfacing, Peripheral controllers and programming. Practice of the design of a microprocessor system. *Prerequisite: ENS 2011*

ENS 4031 Characterization of Materials Lab

4 credits

The principles of analytical methods for characterization of materials for structure and

composition; optical microscopy, scanning electron microscopy, x-ray spectroscopy and diffraction, atomic absorption, emission spectroscopy, and mass spectrometry, FTIR spectroscopy. *Prerequisites: ENS 2030, MSEG 3010, PHY 2051*

ENS 4051 Engineering Capstone I

4 credits

The Senior Design Project is the capstone experience of the Engineering Science Program. It consists of an engineering design project carried out over two semesters (ENS 4051/4052; 2 credits each), usually the fall and spring semesters of the senior year. The aim of the project is to give each student the opportunity to experience an engineering design process in the context of a topic related to Engineering Science curriculum while working in a less structured environment. The projects can be undertaken individually or in small interdisciplinary teams. *Prerequisites: ENS 2010 and ENS 2014. Corequisite: ENS 3010*

ENS 4052 Engineering Capstone II

2 credits

The Senior Design Project is the capstone experience of the Engineering Science Program. It consists of an engineering design project carried out over two semesters (ENS 4051/4052; 2 credits each), usually the fall and spring semesters of the senior year. The aim of the project is to give each student the opportunity to experience an engineering design process in the context of a topic related to Engineering Science curriculum while working in a less structured environment. The projects can be undertaken individually or in small interdisciplinary teams. *Prerequisites: ENS 2010 and ENS 2014. Corequisite: ENS 3010*

ENS 4095 Independent Study

1-4 credits

Faculty supervised research

GSC 1001 Physical Science I / GSC 1001L Physical Science I Lab

4 credit

These courses cover mechanics, motion, conservation laws, heat, wave motion, electricity and magnetism, light, atomic and nuclear physics, elements of chemistry, geology and astronomy. Special emphasis is placed on solving formulas and using graphs. Students with superior mathematical ability should take PHY 1003/1004. *Recommended Corequisite: GSC 1001L*

GSC 1002 Physical Science II / GSC 1002L Physical Science II Lab

4 credit

These courses cover mechanics, motion, conservation laws, heat, wave motion, electricity and magnetism, light, atomic and nuclear physics, elements of chemistry, geology and astronomy. Special emphasis is placed on solving formulas and using graphs. Students with superior mathematical ability should take PHY 1003/1004. *Recommended Corequisite: GSC 1002L*

GSC 1011 Environmental Science

4 credits

This is an introductory course on the environment. The structure and function of ecosystems; energy sources, supply, and transportation; the structure of matter; the lithosphere, atmosphere, hydrosphere and problems of pollution therein are covered.

GSC 1012 Food: You and the World**4 credits**

This writing emphasis, general education course, applies a sustainability lens as it invites the learner to explore the role of food in their life from personal, local, and global perspectives. Topics covered include the history of sustainability in food, environmental impact of food production and consumption, ecological footprint, risk resilience and food system dynamics, the cost of cheap food on both human health and the environment, food security and insecurity, food justice, and different diets, including plant-based diets.

GSC 2000 Climate Studies / GSC 2000L Climate Studies Lab**4 credit**

The course examines the different components of the climate system, including the human interaction with the system, the scientific data that measures the climate system, tools used in these measurements, climate models, natural and anthropogenic drivers of climate, climate policy, current discourse about climate and methods to mediate climate change. *Prerequisite: GSC 1011. Prerequisite or co-requisite for lab-only: GSC 2000.*

GSC 4001 Seminar in Environmental Issue**4 credits**

This course is a seminar course that functions as the final course in the minor in Environmental Issues. A number of environmental issues chose by the instructors and the students will be examined and discusses from scientific, social, ethical, economic, and political perspectives. Students will be required to make oral presentations, prepare research papers, and participate in discussions. Outside speakers will be invited to participate.

GSC 4095 Independent Study**1-4 credits**

Faculty supervised research

PHY 1003 Introduction to Physics I**4 credits**

This two semester course is an elective course for science and mathematics majors. Mechanics, heat, sound, electricity and magnetism, optics, and modern physics are covered without requiring knowledge of calculus. Three hours of lecture and one hour of recitation per week are required. Students must be enrolled in PHY 1005L, Physics Laboratory. Students who have had or are taking calculus should enroll in PHY 1005. *Corequisite: MAT 1011, PHY 1005L*

PHY 1004 Introduction to Physics II**4 credit**

This two semester course is an elective course for science and mathematics majors. Mechanics, heat, sound, electricity and magnetism, optics, and modern physics are covered without requiring knowledge of calculus. Three hours of lecture and one hour of recitation per week are required. Students must be enrolled in PHY 1004L, Physics Laboratory. Students who have had or are taking calculus should enroll in PHY 1006. *Prerequisite: PHY 1003. Corequisites: MAT 1011, PHY 1004L or PHY 1006L*

PHY 1005 General Physics I / PHY 1005L Freshman Physics Lab I**4 credit**

This two semester course covers mechanics, heat, sound, electricity and magnetism, optics and modern physics using calculus. Three hours of lecture and one hour of recitation each week are required. Students must be enrolled in PHY 1005L, Physics Laboratory.

Corequisites: MAT 1021, PHY 1005L

PHY 1006 General Physics II / PHY 1006L Freshman Physics Lab II **4 credit**

This two semester course covers mechanics, heat, sound, electricity and magnetism, optics and modern physics using calculus. Three hours of lecture and one hour of recitation each week are required. Students must be enrolled in PHY 1006L, Physics Laboratory.

Prerequisite: PHY 1005. Corequisites: PHY 1006L

PHY 1071 Problem Solving Skills in Physics **2 credit**

This course is designed to sharpen and make up for deficiencies in problem solving skills in Physics. Elementary examples will be treated from various areas of Physics.

PHY 1081 Elementary Astronomy / PHY 1081L Elem. Astronomy Lab **4 credit**

This is a one semester elective course fulfilling the university laboratory science requirement; the lectures are supplemented by use of slides, the Internet and the telescope. The observatory program will include studies of the moon, planets, and nearby stars. Three hours of lecture and one to three hours of laboratory are required. *Corequisite: PHY 1081L*

PHY 1091 Environmental Physics **4 credits**

Selected topics in physics effecting our environment: heat engines and environmental pollution, greenhouse effect, nuclear power and radioactivity, effect of pollution on global climate, acts of terrorism that can affect our environment. Integrated lectures, labs and field works.

PHY 2007 Electronic Circuits **4 credits**

This course covers basic passive electric circuits, network analysis, transient and frequency responses, active circuits, filters, waveshaping circuits and oscillators. Core course for all students. Three lecture hours and one three-hour laboratory per week are required.

Prerequisites: PHY 1006, MAT 1022

PHY 2021 Wave and Optics **4 credits**

This course covers fundamentals of waves including reflection, refraction, interference, diffraction, and polarization of waves with special emphasis on optics. Special emphasis is placed on optics. Lenses and mirrors are discussed. Three hours lecture per week are required. *Prerequisites: PHY 1006. Corequisite: MAT 1022*

PHY 2051 Modern Physics **4 credits**

This course examines the failure of the classical theories of physics and the twentieth-century developments which replaced them including relativity and quantum theory. Three hours lecture per week are required. *Prerequisite: PHY 1006. Corequisite: MAT 1022*

PHY 2071 Math Methods of Physics **4 credits**

Vector algebra, simple and partial differential equations, special functions with special emphasis on applications to physics problems.

Prerequisite: PHY 1006. Corequisite: MAT 1022

PHY 2091 Sophomore Physics Lab **4 credits**

Selected experiments in physics covering things such as mechanics, heat & thermodynamics, electromagnetism and modern physics. Three hours lab per week are required. *Prerequisite: PHY 1006*

PHY 3041 Electromagnetism **4 credits**

Laws of electric and magnetic fields, electric circuits, Maxwell's equations.

Prerequisite: PHY 2007 or PHY 2021. Corequisite: MAT 2022

PHY 3042 Electromagnetic Theory **4 credits**

Maxwell's equations, electromagnetic radiation, propagation in free space and waveguides, magnetic properties of matter. *Prerequisites: PHY 3041*

PHY 3091 Junior Physics Lab **4 credits**

Selected experiments with emphasis on electronics, atomic and nuclear physics. Three hours lab per week. *Prerequisite: PHY 2091*

PHY 4051 Quantum Mechanics I **4 credits**

This course covers basic principles of quantum mechanics with applications to one dimensional problems, harmonic oscillator, hydrogen-like atoms and introduction to atomic spectra. Three hours lecture per week. *Prerequisites: PHY 2051, MAT 2022*

PHY 4091 Advanced Physics Lab **4 credits**

This course covers some selected advanced physics experiments performed as projects. At least three hours lab per week. *Prerequisite: PHY 3091*

PHY 4092 Senior Research **4 credits**

Research performed by students under faculty supervision. *Prerequisite: PHY 3091*

PHY 4095 Senior Research **1-4 credits**

Faculty supervised research

Communications

The mission of the **Department of Communications** is to graduate majors who are prepared to work in a variety of positions and media environments. Students are also trained to transition to graduate study in communications. There is a strong emphasis on media literacy, multimedia software and platform application, media production, digital media convergence, as well as a strong theoretical and research foundation. These skills are acquired through the use of campus facilities, internships, and faculty-guided research.

The Communications Department offers a BA or BS in communications and a minor in communications. The communications major offers two concentrations/tracks: Digital Communication and Strategic Communication.

Upon graduation, Communications majors are able to:

1. Analyze, describe and interpret the media content in the context of global society.
2. Apply First Amendment and ethical principles in the production of media.
3. Explain the historical, cultural and economic development of mass media industries, particularly in the United States, as well as and other societies.
4. Write correctly and clearly in forms and styles appropriate to mass media industries and graduate school.
5. Present a professional portfolio or curriculum-related materials that meet the highest standards across mass media industries.
6. Explain the correct use of research methods in connection with broader mass communication theories and methodologies.
7. Explain how new media technologies impact the content, audiences, organizational, and economic nature of contemporary media.

Communications (BS, BA)

Communication majors can select only one of the two concentrations: digital communication or strategic communication. The courses in each concentration are not interchangeable, except where noted as eligible electives for each track.

*The **Digital Communication Track** focuses on journalistic and creative writing and production across digital and multimedia platforms.*

*The **Strategic Communication Track** focuses on Marketing, Public Relations, Advertising and strategic communications across digital and multimedia platforms.*

Digital Communication Track

General Education Total

52 credits

Communications Core:

COM 2001 Mass Media and Society

4

COM 2002 Writing and Reporting Across the Media

4

COM 2005 Human Communication	4
COM 2007 Media Technology	4
COM 3000 Communication Theory	4
COM 3032 Digital Media Strategies and Publishing	4
COM 4001 Research Methods in Mass Communication	4
COM 4004 Mass Media Law and Ethics	4
Total Communications Core	32 credits

Digital Communication Core:

COM 3031 Digital News Reporting and Production	4
COM 3033 Editing and Multimedia Design	4
COM 4016 Television News Producing	4
COM 4052 The Lincolnian Practicum	4
Total Digital Communications	16 credits

Select two (2): **8**

At least one must be a COM course

COM 3002 Strategic Communication Principles and Theory	4
COM 3012 Audio Production	4
COM 3020 Gender and the Media	4
COM 3022 African Americans and Media	4
COM 3023 Media and Popular Culture	4
COM 3037 Digital News Photography	4
COM 4000 Special Topics (Varies by semester)	4
COM 4050 Exploring Media Technology	4
COM 4053 The Lincolnian Management	4
COM 4054 The Student Media Center Practicum	4
COM 4055 Entrepreneurial Journalism	4
COM 4090 Internship in Mass Communications	4
COM 4095 Independent Study	4
ENG 2050 Introduction to Cinema	4
ENG 3014 Legal Analysis and Writing	4
ENG 3025 Screenwriting	4

Select one (1): **4**

COM 4000 Special Topics (Varies by semester)	4
COM 4050 Exploring Media Technology	4
COM 4053 The Lincolnian Management	4
COM 4054 The Student Media Center Practicum	4
COM 4055 Entrepreneurial Journalism	4
COM 4090 Internship in Mass Communications	4
COM 4095 Independent Study	4
Total Digital Communications Track	60 credits

Strategic Communication Track

General Education Total **52 credits**

Communications Core:

COM 2001 Mass Media and Society	4
COM 2002 Writing and Reporting Across the Media	4
COM 2005 Human Communication	4
COM 2007 Media Technology	4
COM 3000 Communication Theory	4
COM 3032 Digital Media Strategies and Publishing	4
COM 4001 Research Methods in Mass Communication	4
COM 4004 Mass Media Law and Ethics	4

Total Communications Core **32 credits**

Strategic Communication Core:

COM 3002 Strategic Communication Principles and Theory	4
COM 3044 Public Relations Management and Strategies	4
COM 4002 Advertising and Integrated Marketing Comm	4
COM 4005 Strategic Communication Campaigns	4

Total Strategic Communications **16 credits**

Select two (2): **8**

At least one must be a COM course

COM 3012 Audio Production	4
COM 3020 Gender and the Media	4
COM 3022 African Americans and Media	4
COM 3023 Media and Popular Culture	4
COM 3033 Editing and Multimedia Design	4
COM 3037 Digital News Photography	4
COM 4000 Special Topics (Varies by semester)	4
COM 4050 Exploring Media Technology	4
COM 4052 Lincolnian Practicum	4
COM 4053 The Lincolnian Management (Offered to non-majors; Lincolnian staffers)	4
COM 4054 The Student Media Center Practicum	4
COM 4055 Entrepreneurial Journalism	4
COM 4090 Internship in Mass Communications	4
COM 4095 Independent Study	4
ENG 2050 Introduction to Cinema	4
ENG 3014 Legal Analysis and Writing	4
ENG 3025 Screenwriting	4

Select one (1): **4**

COM 4000 Special Topics (Varies by semester) 4

COM 4050 Exploring Media Technology	4
COM 4053 The Lincolnian Management	4
COM 4054 The Student Media Center Practicum	4
COM 4055 Entrepreneurial Journalism	4
COM 4090 Internship in Mass Communications	4
COM 4095 Independent Study	4
Total Strategic Communications Track	60 credits

General Education	52 credits
Major	60 credits
Free Electives	28 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	60 credits
Language through 2002 level	8 credits
Free Electives	20 credits
Total required for BA degree	128 credits

Communications

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Social Science	4
MAT 1006	Math for Liberal Arts	4
	Natural Science w/ Lab	4
Total		16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	African American Experience	4
	Humanities	4
	Natural Science	4
Total		16

Third Semester		
Course	Title	Credits
COM 2001	Intro to Critical Media Studies	4
COM 2002	Writing for Communication Professionals	4
	Humanities	4
	CSC or Language	4
Total		16

Fourth Semester		
Course	Title	Credits
COM 2003	Public Speaking	4
COM 2005	Human Communication	4
COM 2007	Media Technology	4
	CSC or Language	4
Total		16

Fifth Semester		
Course	Title	Credits
COM 3000	Communication Theory	4
COM 3032	Digital Media Strategies	4
	COM Elective	4
	Humanities	4
Total		16

Sixth Semester		
Course	Title	Credits
COM 4001	Research Methods	4
	Social Science	4
	COM Elective	4
	General Elective	4
Total		16

Seventh Semester		
Course	Title	Credits
	COM Elective	4
	COM Elective	4
	General Elective	4
	General Elective	4
Total		16

Eighth Semester		
Course	Title	Credits
	COM Elective	4
	COM Elective	4
	General Elective	4
	General Elective	4
Total		16

Total Credits: 128

5 COM Electives (MUST TAKE A MINIMUM OF 3): COM3012, COM3031, COM3033, COM4004, COM 4016, COM4050, COM4052, COM3020, COM3002, COM3044, COM4002, COM4005, COM3022, COM3023, COM3024, COM4090

Cross-Listed Elective Options: ENG2050, ENG3015, ENG3025, ART2070, ART1002, ART2020, ART2060, ART2070, ART3090, BUS4036, MKT3037, CSC2001, CSC2002

Communications Minor

Required: Select three (3):	12
COM 2001 Intro to Media Studies	4
COM 2002 Writing for Communications Professions	4
COM 2003 Public Speaking	4
COM 2005 Human Communication	4
COM 2007 Media Technology	4

Select two (2):	8
COM 3000 Communication Theory	4
COM 3002 Strategic Communication Principles and Theory	4
COM 3012 Audio Production	4
COM 3020 Gender and the Media	4
COM 3022 African Americans and Media	4
COM 3023 Media and Popular Culture	4
COM 3031 Digital News Reporting and Production	4
COM 3032 Digital Media Strategies and Publishing	4
COM 3033 Editing and Multimedia Design	4
COM 3037 Digital News Photography	4
COM 3044 Public Relations Management and Strategies	4
COM 4000 Special Topics	4
COM 4002 Advertising & Integrated Marketing Communications	4
COM 4004 Mass Media Law and Ethics	4
COM 4050 Exploring Media Technology	4
COM 4052 The Lincolnian Practicum	4
COM 4053 The Lincolnian Management	4
COM 4054 The Student Media Center Practicum	4
COM 4055 Entrepreneurial Journalism	4
COM 4095 Independent Study	4

Total Communications Minor	24 credits
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Communications Course Descriptions

COM 2001 Intro to Media Studies **4 credits**

This course provides an introductory historical and critical survey of online, broadcast, print, and film media with special emphasis on the aesthetic contribution and cultural assimilation involved in their development. The course surveys a wide range of communication issues in the context of media consumption, writing, and reporting on individuals from different religious, social, ethnic, and educational backgrounds, exposing students to the systems of mass communications and the various types of careers available in the mass media industries. Students learn basic mass media theory, technological inventions that have

made mass media accessible to consumers, and influences on our perceptions of the world.
Prerequisite: ENG 1002

COM 2002 Writing for Communications Professions **4 credits**

This course introduces students to the basics of writing in a professional environment, and to the various forms of writing for the mass media. These forms include news stories for print, broadcast, online and writing for strategic communication. *Prerequisite: ENG 1002, minimum grade C*

COM 2003 Public Speaking **4 credits**

In this course students will learn necessary skills related to writing and presenting speeches in a variety of contexts and will offer students practical experiences giving speeches. The course will cover the theoretical underpinnings of argumentation, effective speech delivery techniques, how to effectively organize written speeches, and how to analyze speech audiences. *Prerequisite: ENG 1002*

COM 2005 Human Communication **4 credits**

A critical thinking based course designed to introduce students to various communication contexts. The course includes practice in informative and persuasive speaking, critical listening and observation, evaluation of persuasive messages, interpersonal communication and group communication and theories of human communication. *Prerequisite: ENG 1002*

COM 2007 Media Technology **4 credits**

This course covers the use of audio and visual media to tell news stories. Students learn how to use photography, videography, and audio to tell compelling stories. They develop and report multimedia news stories. The course also explores basic concepts of new media as well as the role digital media (aka “new media”) technologies play in society. Students will engage with digital media technology throughout the course in order to gain practical experience with new media. Students will learn how to plan, design and create multimedia content. *Prerequisite: ENG 1002*

COM 3000 Communication Theory **4 credits**

This introductory course addresses the major theoretical issues, approaches to, and applications of communication studies. This course will survey Interpersonal Communication, group communication, rhetoric, intercultural and mass communications. Historical, current, and practical critiques of each theory will be conducted. *Prerequisites: COM 2001, COM 2002, COM 2005*

COM 3002 Strategic Communication **4 credits**

This is an introductory course that explores strategic communications principles, persuasion, theories, research, and industry practice. This course will outline the areas of strategic communications (public relations, advertising and integrated marketing) as an integral part of mass communications. Students will learn the theoretical background and

practical uses of strategic communications to deliver messages that reach publics and target audiences. Additionally, this course will introduce students to strategic communications careers. *Prerequisite: COM 2001*

COM 3012 Audio Production

4 credits

This course introduces students to the theory and practice of audio production for digital media. Students are taught principles of sound recording, digital editing and special effects, with applications to newsgathering and production, audio streaming, and digital film/video production. *Prerequisites: COM 2002, COM 2007*

COM 3020 Gender and the Media

4 credits

This course examines intersectional representations of race, class, gender, and sexual identity in the media. It will survey issues of authorship, audience, and the ways in which various media content (online, film, television, journalism, advertising and public relations) enables, facilitates, and challenges these social constructions in society. It will also consider gender in media industries. It will introduce students to feminist and critical approaches to media. The course will also survey the images and impact of women in media. *Prerequisite: ENG 1002*

COM 3022 African Americans and Media

4 credits

The purpose of this course is to describe and analyze the unique contributions of African-Americans to the industry. Further, the course will examine historically the trends and treatments of African Americans by the American media establishment. This course serves as an elective course for communication majors. *Prerequisite: ENG 1002*

COM 3023 Media and Popular Culture

4 credits

This course will examine the role of popular culture in everyday life, with a particular emphasis on the organization of mass media industries, the relationship between cultural consumption and social status, and the social significance of leisure activities from sports to shopping. *Prerequisite: COM 2001*

COM 3031 Digital News Reporting and Production

4 credits

Students work in the field to research, shoot, write, and edit news stories. They develop reporting and interviewing skills, visual acuity, utility for the eye and ear and general video performance abilities. *Prerequisites: COM 2007*

COM 3032 Digital Media Strategies and Publishing

4 credits

An online structure is required for every media organization, and media professionals must be proficient in using online tools and resources. This course will prepare students for these advancements by teaching the basics of producing media content and strategically planning for distribution across both Web and mobile platforms. Areas of focus will include online storytelling, digital imaging and photo journalism, multimedia presentations, responsible use of social media, blogging, and the legal and ethical challenges created by the free flow of information on the Internet. *Prerequisites: COM 2002, COM 2007*

COM 3033 Editing and Multimedia Design**4 credits**

Students develop and practice the craft of digital editing, copyediting, and layout across multimedia platforms. They learn to edit stories for content, structure, word usage and story flow. Students learn appropriate software to design pages and edit still and moving images. *Prerequisites: COM 2000, COM 2002, COM 2007*

COM 3037 Digital News Photography**4 credits**

This course explores photography as a storytelling medium. The course develops skills such as shooting pictures on deadline, writing precise and compelling cutlines, and editing for impact. *Prerequisite: COM 2007, C or better*

COM 3044 Public Relations Management and Strategies**4 credits**

This is an advanced course that focuses on the structure of public relations agencies/departments, account management and planning, reputation management, relationship building, crisis communication, conflict resolution, messaging, writing, design, and new technologies. Students will learn the fundamentals of constructing public relations plans by developing goals, objectives, strategies and tactics that are necessary for executing successful campaigns. *Prerequisites: COM 2002, COM 3002*

COM 4000 Special Topics (Varies by semester)**4 credits**

Prerequisite: permission of the instructor

COM 4001 Research Methods in Mass Communication**4 credits**

This course is designed to introduce students to quantitative and qualitative methodologies of mass communication research, with emphasis on the research process, research design, and methods of data collection. It will contribute to a broader foundation in Mass Communication and Journalism by exposing students to techniques of data gathering and measurement, including sampling, interviewing, content analysis, critical analysis, and conducting surveys. *Prerequisite: COM 3000*

COM 4002 Advertising and Integrated Marketing Communications**4 credits**

In this advanced course students will learn about the structure of advertising agencies/departments, account management and planning, relationship building, advertising/IMC strategies and tactics, psychological and creative processes, branding and positioning, art and copy, and new technologies. This course will also introduce students to the processes of creating advertisements and developing advertising campaigns.

Prerequisite: COM 3002

COM 4004 Mass Media Law and Ethics**4 credits**

This course introduces students to legal and ethical questions faced by journalists and other mass media professionals. Case studies from the news media and U.S. Supreme Court opinions are examined.

Prerequisite: either COM 3000, COM 3002, CRJ 3001, ENG 3014, POL 3000, or PHL 3003

COM 4005 Strategic Communication Campaigns**4 credits**

This is a capstone course in which students will be trained on the execution of public relations, advertising and integrated marketing campaigns from B-to-C and/or non-profit communications objectives with the overarching goal of building students' professional portfolios. Students will also learn to manage online communities in the face of social media evolution. Ideally, students will select a client to represent or they will work directly with either a media related business or strategic communications agency.

Prerequisites: COM 3002, and either COM 3044 or COM 4002

COM 4016 Television News Producing**4 credits**

In this course students will learn and practice the basics of broadcast news producing. While the focus will be on television news, students will learn to produce news content across digital platforms. Students will practice and refine the skills required to produce news stories with the complex and creative techniques necessary for broadcast news production in a multimedia environment. *Prerequisites: COM 3031 and either COM 3032 or COM 3033*

COM 4050 Social Media Management**4 credits**

In this course students will create and manage a professional social media account and learn necessary practical skills for social media administration and content creation. The course will discuss specific methods to engage with and cultivate followers on social media platforms, how to develop a cohesive brand, how to create engaging content, and how to analyze account data to develop strategies for user engagement. The goal of the course is for students to have first-hand experience as an administrator and content creator for a social media account. *Prerequisite: COM 2007*

COM 4052 Lincolnian Practicum**1-4 credits**

This course offers practical experience in journalism via the online student news outlet, The Lincolnian. Students will complete regular writing and digital content assignments that demonstrate mastery of journalistic writing, production, and AP news style. *Prerequisite: COM 2002 (Mass Communication majors) or ENG 1002, minimum grade B (non-Majors)*

COM 4053 The Lincolnian Management**4 credits**

This course is an elective course for students who will study staff organization, advertising, business management, journalistic writing, editing, page make-up and design, photography, desktop publishing and computer skills, and the publication process for *The Lincolnian*.

Prerequisites: instructor consent and either COM 3002, COM 3032, COM 4050, or COM 4052

COM 4054 The Student Media Center Practicum**4 credits**

This course offers practical experience in media production at the Student Media Center, or strategic communication in the Office of Communications. Students will complete an advanced practicum with hands on learning experiences in a fast paced environment.

Prerequisites: permission of instructor

COM 4055 Entrepreneurial Journalism**4 credits**

This course introduces students to the basics of entrepreneurship and evolving business models for media. It blends instruction in general entrepreneurship concepts with how the online and digital technologies are transforming media economics, using recent news and communication startups as case studies for applying entrepreneurial principles. Students will identify, develop and pitch ideas for media businesses; research and write a business case study; and perform skill-building exercises in business analysis and digital technologies.

Prerequisite: COM 2002

COM 4090 Internship in Mass Communications**4 credits**

Students will apply theories and principles learned in the classroom to a professional internship in their chosen field of study, either on campus or in the community. Throughout the internship, students will complete various tasks designed to reflect and enhance the internship experience including weekly reports and creating a professional portfolio.

Prerequisites: permission of instructor

COM 4095 Independent Study**1-4 credits**

Faculty supervised research

Prerequisites: COM 2007, COM 3000

Computer Science

The mission of the Department of Computer Science is to equip students with the skills needed for lifelong learning and success in today's technological world. Our goal is to unlock the doors to excellence and fulfillment for all students, with a special focus on increasing participation in technical fields among under-represented groups, particularly African Americans and women. The Department of Computer Science offers a B.S. degree program and a Minor in Computer Science, designed to meet the needs of students from various fields, including Natural Sciences, Social Sciences, and Humanities. We emphasize hands-on learning, critical thinking, and problem-solving skills, ensuring our graduates are well-prepared to tackle real-world challenges and fully participate in the global technological society of the Twenty-first Century.

Other Requirements:

All Computer Science majors must complete the general University Core Curriculum Requirements, Computer Science Major Requirements, and other electives, totaling a minimum of 128 credits for graduation with a minimum cumulative GPA of 2.0.

- A cumulative departmental GPA of 2.0 is required, and students must earn at least a C- in all CSC courses, with no more than two C- grades in Computer Science courses.
- The Computer Science Department may approve other computer classes if deemed appropriate.
- Note that MAT 1011 and/or MAT 1017 are prerequisites for higher-level math courses required for CS majors.

Computer Science (BS, BA)

General Education specific requirements:

Mathematics: MAT 1010 College Algebra	4
Computer Science: CSC 1058 and CSC 1059	8
General Education Total	52 credits

Computer Science Core:

CSC 2001 Web Programming	4
CSC 2054 Data Structures	4
CSC 3053 Computer Organization and Assembly Language	4
CSC 3054 Database Management	4
CSC 3055 Operating Systems	4
CSC 4054 Software Engineering	4
CSC 4057 Computer Networking and Security	4
CSC 4098 Topics in Computer Science	4
Total Computer Science Core	32 credits

Select four (4): 3000/4000 Level CSC Electives	16
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Mathematics:	8
MAT 1014 Elementary Statistics I	4
MAT 2013 Discrete Mathematics	4

Select one (1):	4
MAT 1020 Calculus for Life Science and Social Science Majors	4
MAT 1021 Calculus I	4
Total Mathematics Courses	12 credits
 Total Computer Science Major	 60 credits
 General Education	 52 credits
Major	60 credits
Electives	16 credits
Total required for BS degree	128 credits
 General Education	 52 credits
Major	60 credits
Language through 2002 level	8 credits
Electives	8 credits
Total required for BA degree	128 credits

Computer Science

First Semester		
Course	Title	Credits
	Social Science	4
MAT 1010	College Algebra w/Lab	4
CSC 1058	Computer Programming I	4
ENG 1001	English Composition I	4
Total		16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
MAT 1014	Elementary Statistics I	4
CSC 1059	Computer Programming II	4
	Natural Science	4
Total		16

Third Semester		
Course	Title	Credits
CSC 2001	Web Design and Development	4
	Social Science	4
CSC 2054	Data Structures	4
	Natural Science	4
Total		16

Fourth Semester		
Course	Title	Credits
	Social Science	4
	MAT 1020 OR MAT 1021	4
CSC 3054	Database Design & Developmt	4
	Humanities	4
Total		16

Fifth Semester		
Course	Title	Credits
	Humanities	4
CSC 3053	Computer Organization & Architecture	4
	General Elective	4
MAT 2013	Discrete Mathematics	4
Total		16

Sixth Semester		
Course	Title	Credits
	Humanities	4
	3000/4000 Computer Science	4
CSC 3055	Operating Systems with Linux	4
	3000/4000 Computer Science	4
Total		16

Seventh Semester		
Course	Title	Credits
CSC 4057	Computer Networking & Security	4
	3000/4000 CS Science	4
CSC 4054	Software Engineering	4
	General Elective	4
Total		16

Eighth Semester		
Course	Title	Credits
	3000/4000 Computer Science	4
CSC 4098	Topics in Computer Sci.	4
	General Elective	4
	General Elective	4
Total		16

Total Credits: 128

Notes:

- *Students need Pre-calculus (MAT 1011) and/or Finite Math (MAT 1017) to take MAT 1020 or 1021. Whichever course they take can count towards their free electives.
- Please note that this is a suggested sequence and depending on your situation, your academic sequence may appear different. Please review with your advisor and refer to the Academic Catalog for academic requirements.

Computer Science Minor

CSC 1058 Computer Programming I	4
CSC 1059 Computer Programming II	4
CSC 2054 Data Structures	4
CSC 3053 Computer Organization and Assembly Language	4
CSC 3054 Database Management	4
MAT 2013 Discrete Mathematics	4
Total Minor	24 credits

Computer Science Course Descriptions

CSC 1051 Computer Applications & Coding **4 credits**

This course provides a hands-on introduction to the use of computer software in the areas of word processing, spreadsheets, database management, presentation, and coding using Python programming language. *Prerequisite: MAT 1001 or higher*

CSC 1052 Intro to Computer Programming **4 credits**

This introductory programming course is designed for non-computer science majors. This course introduces students to the principles of computer programming and problem-solving. Students design, write, and debug computer programs. They solve programming problems using procedural programming constructs such as loops, branching structures, and functions. From this course, students also learn to approach challenges with a logical mindset and develop critical thinking skills that are applicable in everyday life. *Prerequisites: MAT 1001 or higher*

CSC 1058 Computer Programming I **4 credits**

This course is the first course in a year-long sequence required for Computer Science majors. It introduces the student to principles of computer programming via a structured programming language. The students will write, test, and debug various problems drawn from several disciplines. The course will also address program design and program style. *Corequisite: MAT 1010 or higher*

CSC 1059 Computer Programming II **4 credits**

This course is a continuation of CSC-1058. The students will use a structured programming language in problem solving. This course examines advanced features of programming languages. Topics include file processing, and object oriented and event-driven programming. In preparation for advanced courses, this course also includes an introduction to data structures such as queues and stacks. *Prerequisite: CSC 1058, and MAT 1010 or higher*

CSC 2001 Web Design and Development **4 credits**

This course is an introduction to web design with an emphasis on scripting languages. Both server-side and client-side scripting will be studied. HTML programming is an integral part of the course. Topics include database processing for the web using SQL language and Internet

security. In this course, students will not only learn to create dynamic, interactive websites but also gain the skills to build secure online applications that can transform their ideas into real-world projects. *Prerequisite: CSC 1058*

CSC 2054 Data Structures

4 credits

This course will focus on algorithms, analysis, and the use of basic and advanced data structures. Among the specific data structures covered are strings, stacks, records, linked lists, trees, and graphs. Recursion will also be covered. Sequential and random files, hashing, and indexed sequential access methods for files will be discussed. Finally, some standard computer science algorithms (sorting and searching) will be discussed.

Prerequisite: CSC 1059

CSC 3002 Computer Graphics and Animation

4 credits

This beginner-friendly course introduces students to the world of computer graphics and animation, blending creativity with technology. Students will learn 2D and 3D design, animation techniques, and essential mathematical transformations like scaling, rotation, and translation. Through hands-on projects using industry-standard software, they will create impressive graphics and animations, gaining skills applicable in various fields, from gaming to digital media. By the end students will confidently bring their ideas to life while understanding the math behind their designs. *Prerequisite: CSC 1059*

CSC 3053 Computer Organization and Assembly Language

4 credits

This course is intended as a first introduction to the ideas of computer architecture-both hardware and software. An introductory insight into the design of digital circuits spanning from logical gates to processors will be followed by the assembly language programming as the central theme of the course. The attributes and operations of a macro assembler are discussed in some detail. *Corequisite: CSC 2054*

CSC 3054 Database Design and Development

4 credits

This course introduces students to the principles of processing, storing, and organizing data. Students will learn how to examine data requirements and design a vendor independent relational database model using tools like ER diagrams. Students will learn to analyze business scenarios and create a data model. Group collaboration, project management and database implementation will follow the design and modeling process. This course concludes with a project that challenges students to design and implement a database solution for a business or organization. *Prerequisite: CSC 2054*

CSC 3055 Operating Systems with Linux

4 credits

This course introduces students to the principles and concepts of modern operating systems design, discusses major issues of importance in the design, and shows how operating systems have implemented the design ideas. Topics include process management, CPU scheduling, memory and storage management. In addition, this course will specifically introduce students to the Linux operating system, its commands and programming features.

Prerequisite: CSC 2054

CSC 3056 Visual and Event Driven Programming**4 credits**

This course is a study of the principles and techniques of the visual design and event driven programming, with a strong emphasis on problem analysis, solution design, and implementation. Students will explore key topics such as data types, structures, objects, and controls essential for building visual and graphical interfaces. The course includes both individual and group projects, allowing students to apply their acquired skills and tools to design and implement effective coding and design solutions. *Prerequisite: CSC 1059*

CSC 3058 Artificial Intelligence and Machine Learning**4 credits**

This course is intended to explore the concepts and algorithms in the development of modern artificial intelligence applications. The course also provides foundational knowledge of machine learning algorithms and tools. Topics covered include: the principles of supervised and reinforcement learning, the K nearest neighbor method, linear regression and other modeling and analysis tools. By the end of the course, students will learn the principles and tools that enable them to design and develop intelligent systems and use ML libraries for AI programming. *Prerequisite: CSC 2054 and MAT 1014 (or MAT 1015)*

CSC 3059 Cyber Security and Information Assurance**4 credits**

This course explores cyber security, both in the abstract and in the context of real systems, including recognizing potential threats to confidentiality, integrity and availability, and developing familiarity with current security-related issues in computer science. Students will also learn standards, frameworks, and techniques for security assurance to minimize threats and vulnerabilities and determine the level of the risk. *Prerequisite: CSC 1059*

CSC 3090 Special Topics**4 credits**

This is a dynamic course designed to introduce students to emerging and innovative topics in computer science. This course serves as a testing ground for new subjects that may eventually evolve into fully-fledged courses. While the specific content of the course may change over time to reflect advancements in the field, the course description remains constant, allowing for the seamless introduction of new topics as they arise. This ensures that students are consistently exposed to cutting-edge knowledge and skills. If the topics change, they are to be proposed by a faculty and approved by the department in the semester before they are offered. *Prerequisite: CSC 1058*

CSC 3095 HCI and User Experience**4 credits**

This course introduces the major topics in human computer interaction (HCI) which include User Interface (UI)/User Experience (UX) design, interactive devices and software tools needed to design, implement and evaluate products. Some tools and methods that will be used include personas, storyboards, focus groups, wireframing and prototyping. While no prior design experience is necessary, students will need to know the fundamentals of programming for this course. This will be a project-based course. *Prerequisite: CSC 1059*

CSC 3099 Computer Science Internship**1-4 credits**

This is a project-based course where students engage in either a research or industrial project, applying their computer science knowledge to real-world problems during the summer. Students will collaborate with faculty or industry partners, gaining hands-on experience and practical skills. The course emphasizes independent work, critical thinking, and problem-solving. Students' performance will be evaluated on a pass/fail (P/F) basis.

Prerequisite: CSC 2054 and approval from the department.

CSC 4053 Compiler Construction

4 credits

This course is intended to explore the principal ideas and techniques of compiler construction. Topics include lexical analyzers, parsers, error detection, code generation, symbol tables, and formal languages. By the end of the course, students will not only understand the theoretical foundations of compilers but also gain practical experience by developing mini compilers, equipping them with essential skills for real-world applications in software development and programming language design. Prerequisite: CSC 2054

CSC 4054 Software Engineering

4 credits

This course will introduce the student to the principles and techniques involved in the generation of production quality software items. The emphasis will be on the specification, organization, implementation, testing and documentation of software products.

Prerequisite: CSC 2054

CSC 4057 Computer Networking and Security

4 credits

This course introduces students to the local area and long-haul computer communication networks, with a strong emphasis on TCP/IP protocols. Students will learn the basics of network design, implementation, and the key principles of network security. Topics include data transmission, network topologies, and common security threats. Students will gain hands-on experience in configuring networks and applying security measures, preparing them for careers in networking and cybersecurity. Prerequisite: CSC 1059

CSC 4058 Game Programming and Development

4 credits

This course is an introduction to the fundamental concepts of computer game programming. Students design and develop original games for PCs applying proven game design and software engineering principles. Students will work on the game development project in group to enhance their modeling, animation or programming skills and create 2D games using game studios. *Prerequisites: CSC 3002*

CSC 4091 3D Games Development Capstone

4 credits

This course forms small teams in which students will contribute modeling, animation or programming skills to create 3D games. Students will gain a thorough understanding of the 3D game development process, through modeling of the environment and practices that are used in game studios. *Prerequisite: CSC 4058*

CSC 4095 Independent Study**1-4 credits**

This course involves a faculty supervised and directed study/research on current topics in computer science that allows students to explore areas of interest that may not be covered in the standard curriculum. A Student may work on a specific project or research topic under the guidance of a faculty member. The subject matter can vary widely depending on the student's interests and the faculty advisor's expertise. The work is evaluated based on the initial workplan and rubric agreed upon between the student and the supervising faculty member under the regular grading scheme. Prerequisite: *Should be a senior CS Major & Dept. approval required.*

CSC 4098 Topics in Computer Science**4 credits**

This course will focus on involving students in independent projects dealing with current topics of current research interest in Computer Science. Students will be required to conduct a literature survey, carry out independent investigations' projects, prepare a report, and defend their work in an oral presentation. The topics are to be proposed by a faculty and approved by the department in the semester before they are offered.

Prerequisite: Senior Status in CS Major

Health Science

Health Science (BS, BA)

The Health Science Department at Lincoln University prepares students for graduate studies and careers in a wide range of allied health professions. The program combines rigorous foundational coursework with an emphasis on experiential learning. All HSC faculty work closely with their students in meeting the requirements of their career aspirations.

General Education specific requirements:

Social Science: PSY 1001 General Psychology	4
Social Science: SOC 1001 Introduction to Sociology	4
Natural Science: BIO 1003 General Biology I w/Lab	4
Natural Science: BIO 1004 General Biology II w/Lab	4
Mathematics: MAT 1006 or MAT 1010	4
General Education Total	52 credits

Health Science: 36

HSC 1030 Introduction to Health Science	4
HSC 1040 Medical Terminology	4
HSC 1060 Community Health and Aging	4
HSC 2007 Health Promotion: Theory and Practice	4
HSC 2046 Cultural Competence and Ethics	4
HSC 2050 Nutrition	4
HSC 3080 Research and Evaluation	4
HSC 3097 Professional Seminar	4
HSC 3099 Health Science Internship*	4

***Student must have current CPR certification**

2000-3000 level: Select two (2): 8

HSC 2020 Stress Management	4
HSC 2055 Athletic Injuries	4
HSC 3008 Kinesiology	4
HSC 3013 Health Communication	4
HSC 3015 Principles of Coaching	4
HSC 3025 Drugs and Society	4
HSC 3027 Chronic and Communicable Diseases	4

4000-level: Select one (1): 4

HSC 4001 Epidemiology	4
HSC 4007 Personal Training Preparation	4
HSC 4010 Program Planning*	4
HSC 4012 Health Administration*	4

HSC 4013 Health Disparities & Advocacy*	
HSC 4014 Sports Leadership*	4
HSC 4015 Issues/Trends in Allied Health Professio*	4

*Capstone courses

Psychology/Human Services: Select one (1):	4
HUS 2043 Intro to Human Services & Social Policy	4
HUS 2045 Human Growth and Development	4
PSY 2006 Lifespan Developmental Psychology	4
PSY 2014 Abnormal Psychology	4
PSY 3024 History and Systems Psychology	4

Biology (Required):	8
BIO 2005 Anatomy and Physiology I w/Lab	4
BIO 2006 Anatomy and Physiology II w/Lab	4

Chemistry: Select one (1):	4
CHE 1003 General Chemistry I w/Lab (recommended)	4
CHE 1020 Chemistry for Health Science w/Lab	4

Statistics: Select one (1):	4
MAT 1014 Elementary Statistics I	4
PSY 3012 Statistics I w/Lab	4
HUS 3012 Statistics w/Lab	4
SOC 3006 Social Statistics	4
Total Health Science Major	68 credits

General Education	52 credits
Major	68 credits
Electives	8 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	68 credits
Language through 2002 level	8 credits
Electives	8 credits
Total required for BA degree	128 credits

NOTE: Students must have a GPA of 2.0 or higher to declare Health Science as a major.

Health Science

First Semester		
Course	Title	Credits
BIO 1003/L	General Biology I	4
ENG 1001	English Comp I	4
	Social Science ²	4
	Language or CSC ¹	4
	Total	16

Second Semester		
Course	Title	Credits
BIO 1004/L	General Biology II	4
ENG 1002	English Comp II	4
	Math 1006 or 1010	4
	Language or CSC ¹	4
	Total	16

Third Semester		
Course	Title	Credits
HSC 1060	Community and Aging	4
HSC 1030	Intro to Health Science	4
BIO 2005/L	Anatomy & Physiology I	4
HSC 1040	Medical Terminology	4
	Total	16

Fourth Semester		
Course	Title	Credits
HSC 2007	Health Promotion	4
	Cultural Compt. & Ethics	4
HSC 2046	Anatomy & Physiology II	4
BIO 2006/L		4
CHE	1003/L or 1020/L	4
	Total	16

Fifth Semester		
Course	Title	Credits
	Social Science	4
HSC 2050	Nutrition	4
	MAT 1014, SOC 3006 HUS 3012	4
STATS		4
HSC 3080	Research and Evaluation	4
	Total	16

Sixth Semester		
Course	Title	Credits
HSC 3097	Professional Seminar	4
HSC	3000 level or higher	4
	Social Science ²	4
	Humanities	4
	Total	16

Seventh Semester		
Course	Title	Credits
HSC 3099	Internship	4
	PSY/HUS 2000 Level or Higher	4
	HSC 3000 Elective	4
	HSC 4000 Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
HSC 4000	Capstone	4
	Humanities	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Health Science Course Descriptions

HSC 1030 Introduction to Health Science

4 credits

This course provides students interested in pursuing health careers basic concepts of various healthcare professions. The course focuses on healthcare systems, trends, careers, and preparation for the workforce. Additionally, students are exposed to activities that serve to improve their college-level writing and speaking abilities. *Prerequisite: HSC Major*

HSC 1040 Medical Terminology

4 credits

This course is designed to introduce the student to the basic principles of medical terminology. The focus is on the construction of words using prefixes, suffixes and word roots and their application. Proper spelling, pronunciation, usage and comprehension will be emphasized using a body-systems approach. Additional terminology focus areas will include pathology, pharmacology, medical abbreviations and clinical conditions.

HSC 1060 Community Health and Aging

4 credits

This course presents basic information concerning the care of the body and common departures from health. Topics examined will include the various body systems in health and disease, mental health, alcohol and other drugs, human sexuality, and dental health. *Prerequisite: BIO 1001 or BIO 1002 recommended*

HSC 1090 Special Topics

4 credits

HSC 2007 Health Promotion: Theory & Practice

4 credits

This course introduces the fields of health education and health promotions. The relationship of health education/promotion to other disciplines will be examined from pragmatic, philosophical, and historical contexts. Specific attention will focus upon the development of behaviors conducive to well-being. Theories of learning with applications to health education will be discussed. Competencies and skills of health educators will also be explored as well as current and future issues affecting the delivery of health promotion services. *Prerequisite: HSC 2001*

HSC 2020 Stress Management

4 credits

This course explores the causes of stress and its mental and physical impact on the body. With student-focused content, we will discuss issues relating to one's daily lives such as academic stress, first-generation challenges, time management, financial issues, etc. Students will learn about the stressors in their lives and how they can best manage them. Students will also have the opportunity to practice and employ stress management techniques to become healthier and live a more fulfilling and satisfying life.

HSC 2046 Cultural Competency and Ethics

4 credits

This course is designed to expand students' worldviews and explore cultural diversity among health care clients. Students will examine both the differences and similarities that exist across cultures. Specifically, the Model for Cultural Competency Purnell, 1998 will be used to study ten ethno cultural groups and the 12 domains of culture that influence their health status. The ethnic groups studied will include African Americans, Amish, Arab Americans, Chinese Americans, Egyptian Americans, Jewish Americans, Mexican Americans, Navajo Indians, Puerto Ricans, and Vietnamese Americans. *Prerequisite: HSC 2001*

HSC 2050 Nutrition**4 credits**

This course introduces the basic principles of human nutrition. Topics will include nature and function of macronutrients and micronutrients; digestion; food advertising, food packaging, and food labeling; optimal nutrition; and energy transformations. Students will be afforded opportunities to develop and execute personal plans for healthy eating based upon individual self-assessments. *Corequisite: CHE 1003 or higher*

HSC 2055 Athletic Injuries**4 credits**

This course provides foundational information on prevention and care of athletic injuries. Emphasis placed on orthopedic injury description, prevention and treatment. Laboratory work will include evaluations of upper and lower body in addition to basics of taping and wrapping. *Prerequisite: HSC 1030*

HSC 3008 Kinesiology**4 credits**

This course presents 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. *Prerequisites: HSC 2001, BIO 2005.*

HSC 3013 Health Communication**4 credits**

This course offers a comprehensive introduction to the expanding field of health communication. The course will examine foundational theories in health communication and delve into critical national health issues such as disparities, health literacy, patient safety, and healthcare reform. *Prerequisite: HSC 2007*

HSC 3015 Principles of Coaching**4 credits**

This course is a comprehensive introduction to the coaching profession. Emphasis is placed on sport at the high school, collegiate and club levels. The primary goal of the course is to develop and enhance students' knowledge and understanding of concepts and techniques of coaching and their application to achieving important objectives in working with athletes. Principles and practical applications are presented and thoroughly explained regarding the dimensions of coaching. *Prerequisite: HSC 1030, HSC 1060*

HSC 3025 Drugs and Society**4 credits**

This course addresses the use and abuse of drugs in our society. Substance abuse and its consequences will be examined from an interdisciplinary approach: psychology, pharmacology, sociology, economics, and education. This course will introduce personal and social life skills decision making, communication, and coping skills critical for prevention and intervention efforts. Additional course components include drug prevention, program development, implementation, and evaluation. Guest speakers from varied academic departments – psychology, sociology, biology, economics and political science – will be utilized as well as community health practitioners. *Prerequisites: HSC 1030, SOC 1001*

HSC 3027 Chronic and Communicable Diseases**4 credits**

This course will look at aspects of nature, prevention, control, and treatment of communicable, chronic, degenerative, and idiopathic human disease, with principles related to causality of disease and to the body's ability to resist infection. *Prerequisite: HSC 1030, HSC 1060*

HSC 3080 Research and Evaluation

4 credits

This course will introduce the principles of research methodology and evaluation in the health sciences. We will discuss the nature and purpose of research, information literacy (identifying and evaluating resource materials). *Prerequisite: HSC 1030, (PSY 3012, HUS 3012, SOC 3006 or MAT 1014)*

HSC 3090 Special Topics

4 credits

HSC 3097 Professional Seminar

4 credit

This course establishes expectations necessary for students to complete the internship requirement. Students will identify and enhance their personal philosophies, personality traits, professional skills, and attitudes toward the health profession. Students will develop/critique resumes, conduct mock interviews, and identify and establish next steps for graduate school or the workplace. *Prerequisite: HSC 1030, minimum grade C-.*

HSC 3099 Internship Practicum

4 credit

This course is a six—to twelve-week health-related experiential learning experience required for all Health Science students. The 100 hours are intended to be off-campus, where most field sites will require the completion of a First Aid/CPR certificate.

Prerequisite: HSC 3097

HSC 4001 Epidemiology

4 credits

Epidemiology is the study of the distribution, determinants and deterrents of health and disease in human populations and the application of methods to improve disease outcomes. *Prerequisites: HSC 2007 or HSC 2046, HSC 3080*

HSC 4007 Personal Training Preparation

4 credits

This course is designed to prepare students to take the ACSM Personal Training Certification. At the completion of this course students will be able to demonstrate safe and effective methods of exercise by utilizing the fundamentals of exercise prescription to improve, maintain, and/or optimize the components of physical fitness. *Prerequisite: HSC 4006*

HSC 4010 Program Planning

4 credits

This course provides students with a comprehensive overview of the practical and theoretical skills needed to plan, implement, and evaluate health promotion programs in a variety of settings i.e., schools; community health agencies; business, industry worksites; and health care settings such as clinics, hospitals and managed care organizations. Students will be afforded the opportunity to develop a Health Promotion Program. Opportunities to apply Program Planning principles will be provided. *Prerequisite: HSC 2007 or HSC 2046, HSC 3080*

HSC 4012 Health Administration**4 credits**

This course is designed to introduce students to a variety of management practices and concerns relevant to the organization, administration and supervision of health and public health programs and services. *Prerequisite: HSC 2007 or HSC 2046, HSC 3080*

HSC 4013 Health Disparities and Advocacy**4 credits**

This course explores factors that influence individual and community health outcomes, including systems of power intended to promote and prohibit health. Behavioral health theories will be reviewed and considered as strategies toward health equity. *Prerequisite: HSC 2007, HSC 3080*

HSC 4014 Sport Leadership**4 credits**

This writing intensive course introduces personal, interpersonal, and team-based skills and competencies required in leadership roles. The course's primary goals are to help aspiring sport leaders better understand effective leadership and explore the necessary tools for developing effective leaders. Leadership skills such as self-awareness, creative problem-solving, managing emotional intelligence, communicating effectively, influencing others, and managing conflict will be explored through written and oral assignments.

Prerequisite: HSC 2007 or HSC 2046, HSC 3080

HSC 4015 Issues and Trends in Allied Health**4 credits**

Today the definition of wellness involves the interrelationship of many dimensions of health: physical, emotional, mental, social, and spiritual. This holistic approach requires individuals taking more responsibility for their own well-being. Our health status is also affected by society, government, and the environment. The purpose of this course is to introduce students to a variety of current issues and controversies related to the delivery of healthcare services. As future allied health professionals, students will also learn their roles and responsibilities to ensure the integration of healthcare services.

Prerequisite: HSC 2007, HSC 3080

HSC 4095 Independent Study**1-4 credits**

History, Philosophy & Religion

The Department of Philosophy and Religion and the Department of History and Political Science have merged. Our new official title is the “Department of History Pan-Africana, Philosophy & Religion.” We continue to have five majors: History, Pan-Africana Studies, Philosophy, and Religion. Minors in Black Studies, International Relations, Ethics, Philosophy, Religion, and History are also offered.

Mission:

1. To examine values, innovations and traditions of human societies.
2. To enable students to know and appreciate various cultural inheritances, and also provide students with basic knowledge of historical and physical geography.
3. To develop students’ abilities to utilize historical perspectives to comprehend world events.
4. To develop students’ abilities to interpret and evaluate events in history.
5. To cultivate the character and standards of excellence needed to enable students to become responsible citizens of a global community.

History (BS, BA)

To qualify as a history major for the Bachelor of Arts or Bachelor of Science degree, a student must complete at least twelve history courses approved by the History Department. These courses will ordinarily be taken at Lincoln and must include three courses (nine hours) in Western or European History; three courses (nine hours) in United States History; three courses (nine hours) in African-American History; three courses (nine hours) in African History in addition to two semesters of Historical Methods (History 4001-4002). A student who wishes to receive a Bachelor of Arts in History must complete four semesters of the same foreign language through intermediate level (2002). A student who wishes to receive a Bachelor of Science degree in History need not take a foreign language.

General Education specific requirements:

Social Science: HIS 1003 Contemporary World History I	4
Social Science: POL 1001 American National Government	4
General Education Total	52 credits

History:	44
HIS 1001 Modern European History I	4
HIS 1002 Modern European History II	4
HIS 2005 African American History I Until 1861	4
HIS 2006 African American History II From 1861-1954	4
HIS 3001 Medieval History I	4
HIS 3007 History of Africa Until 1885	4
HIS 3008 History of Africa From 1885-1945	4
HIS 3017 African American History III since 1954	4
HIS 3018 Revolutionary Africa since 1945	4
HIS 4001 Historical Methods I	4
HIS 4002 Historical Methods II	4

U.S. History – Select three (3):	12
HIS 1005 History of the United States I	4
HIS 1006 History of the United States II	4
HIS 3010 History of the U.S. Since 1945	4
HIS 3013 Diplomatic History of U.S. I	4
HIS 3014 Diplomatic History of U.S. II	4
Total History Major	42 credits
 General Education	 52 credits
Major	44 credits
Electives	32 credits
Total required for BS degree	128 credits
 General Education	 52 credits
Major	44 credits
Language through 2002 level	8 credits
Electives	24 credits
Total required for BA degree	128 credits

History

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
MAT 1006	Math for Liberal Arts	4
SOS 1051	African American Experience	4
	Natural Science or Math	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Social Science	4
HIS 1002	Contemporary World History	4
	Natural Science w/ Lab	4
	Total	16

Third Semester		
Course	Title	Credits
HIS 1003	History of Europe I	4
HIS 2007	Historical Methods	4
	CSC or Language	4
	Humanities	4
	Total	16

Fourth Semester		
Course	Title	Credits
HIS 1004	History of Europe II	4
HIS 2008	Historical Methods II	4
	CSC or Language	4
	Humanities	4
	Total	16

Fifth Semester		
Course	Title	Credits
	HIS 2005 OR HIS 3007	4
HIS 3017	Afr. Amer. HIS III Since 1954	4
HIS 3018	Revolutionary Africa Since 1945	4
	Humanities	4
	Total	16

Sixth Semester		
Course	Title	Credits
	HIS 2006 OR HIS 3001	4
HIS 3008	HIS of Afr. II 1885-1945	4
	Natural Science or Math	4
	Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
HIS 4001	Seminar in History II	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
HIS 4002	Capstone	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total credits: 128

Note:

*Sequence prioritizes major courses; however, *electives* and *general education courses* can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

**Courses and credits vary

History Minor

To qualify as a History Minor, a student must complete at least five courses in History, which shall be distributed over the fields of United States History; Western or European History; African-American and African History. At least two of these courses must be at or above the 3000 level.

History Course Descriptions

HIS 1001 Modern European History I

4 credits

This is a basic introduction to the study of history. 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.

HIS 1002 Modern European History II

4 credits

This is a basic introduction to the study of history. 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.

HIS 1003 Contemporary World History I

4 credits

This course will examine Twentieth Century Europe from the point of view of the political, economic, cultural, and intellectual forces that have shaped it. From the course, students should develop an awareness of the factors that have contributed to the molding of contemporary European societies: their governments, their political and cultural institutions, their ideologies, and their attitudes toward the rest of the world.

HIS 1005 History of the United States I

4 credits

The first semester covers the period from the first explorations to 1876, 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 1877 to present, with particular emphasis upon political and social developments.

HIS 1006 History of the United States II

4 credits

The first semester covers the period from the first explorations to 1876, 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 1877 to present, with particular emphasis upon political and social developments.

HIS 2005 African American History I Until 1861

4 credits

This first course of a series, covers the period from the African background to the outbreak

of the Civil War. It includes a brief survey of early African history leading to the era of enslavement by European colonial enterprises. Important movements that led the resistance to enslavement and for the emancipation of the enslaved are highlighted. The economic, political and social factors that led to the Civil War are examined.

HIS 2006 African American History II From 1861-1954

4 credits

This second course of a series, commences with a review of economic, political, and social factors that led to the Civil War and examines the post-war Reconstruction, the betrayal of the radical Reconstruction and the basic social problems that emerged in the United States. Emphases are also placed on the Civil Rights Movement, the Pan-Africanist Movement, and the Garvey Movement up until World War II.

HIS 3001 Medieval History I

4 credits

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.

HIS 3004 Seminar in History II

4 credits

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 a variety of historical fields.

HIS 3007 History of Africa Until 1885

4 credits

Civilizations in Africa from Greatness to Conquest. This first course of a series, surveys major kingdoms and nations that developed in Africa from the earliest recorded times through the era of European colonial intrusion and carve up. Some of the great nations surveyed include: Ancient Egypt, Nubia, Axum, Ancient Ghana, Mali, Songhay, the Congo, the Great Zimbabwe, the Swahili Coast Federation; the Islamic Empire; and the Southern African Kingdoms.

HIS 3008 History of Africa From 1885-1945

4 credits

African Rebellion to European Imperialism. This second course of a series, examines the economic, political, and social aspects of European Imperialism in Africa beginning with its instrument of partition during 1884-85 Berlin Conference. The course examines the character of European classic colonialism in Africa and the organized Pan-African responses that ultimately led to its overthrow.

HIS 3010 History of the U.S. Since 1945

4 credits

This course covers intensively the period of United States history since World War II. It reviews domestic politics and foreign affairs, with some emphasis upon current events.

HIS 3013 Diplomatic History of U.S. I

4 credits

This course traces the major developments in foreign policy and diplomacy from the time of

the American Revolution to the present.

HIS 3017 African American History III since 1954

4 credits

This third course of a series, examines the most recent phase of the history of African descendants in the USA. Picking up where History 2006 ended, this course focuses on the Civil Rights Movement, Black Power Movement, Black Consciousness Movement, and Conscious Hip Hop Movement. *Prerequisite: ENG 1002 or permission of professor.*

HIS 3018 Revolutionary Africa since 1945

4 credits

This third course of a series examines the successes and shortcomings of the Pan-African Unity Movement and the African Liberation Movement from the overthrow of classic European colonialism in Africa to contemporary chaotic period neo-colonialism. The course also examines the post-independence period, the rise of militarization of African governments, and the proliferation African civic organizations.

HIS 4001 Historical Methods I

4 credits

A required course for history majors. This course emphasizes concepts of historical causation, theories of history, basic bibliography and techniques of historical research through assignment of research problems.

HIS 4002 Historical Methods II

4 credits

A required course for history majors. This course emphasizes concepts of historical causation, theories of history, basic bibliography and techniques of historical research through assignment of research problems. *Prerequisite: HIS 4001*

HIS 4095 Independent Study

1-4 credits

Faculty supervised research

Philosophy (BS, BA)

General Education Total

45-47 credits

Philosophy:

24

PHL 2015 Ethics

4

PHL 2017 Critical Reasoning

4

PHL 2018 Formal Logic

4

PHL 3001 Metaphysics

4

PHL 4001 Epistemology

4

PHL 4011 Philosophy Seminar

4

Select two (2):

8

PHL 2001 Greek Philosophy

4

PHL 2002 Modern Philosophy

4

PHL 2019 World Philosophy I	4
Select three (3):	12
PHL 1011 Everyday Ethics	4
PHL 2000 Introduction to Philosophy	4
PHL 2007 Biomedical Ethics	4
PHL 2008 Business Ethics	4
PHL 2011 African American Philosophy	4
PHL 2012 African Philosophy	4
PHL 2014 Topics in Philosophy	4
PHL 2016 Contemporary Moral Problems	4
PHL 3003 Legal Philosophy	4
PHL 3004 Environmental Philosophy	4
PHL 4095 Independent Study	4
Total Philosophy Major	44 credits
General Education	52 credits
Major	44 credits
Electives	32 credits
Total required for BS degree	128 credits
General Education	52 credits
Major	44 credits
Language through 2002 level	8 credits
Electives	24 credits
Total required for BA degree	128 credits

Philosophy

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Math 1006 or 1006A	4
	Natural Science or Math	4
SOS 1051	African Experience	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Social Science	4
	Natural Science w/ Lab	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
PHL 2015	Ethics	4
PHL 2017	Critical Reasoning	4
	CSC or Language	4
	Humanities	4
	Total	16

Fourth Semester		
Course	Title	Credits
PHL 2018	Formal Logic	4
	World Philosophy	4
	CSC or Language	4
	Humanities	4
	Total	16

Fifth Semester		
Course	Title	Credits
PHL 3001	Metaphysics	4
	Philosophy	4
	Natural Science or Math	4
	Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
PHL 4001	Epistemology	4
	Philosophy	4
	Elective	4
	Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
	Philosophy	4
	Elective	4
	Elective	4
	Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
PHL 4011	Philosophy Seminar	4
	Elective	4
	Elective	4
	Elective	4
	Total	16

Total credits: 128

Note:

*Sequence prioritizes major courses; however, *electives* and *general education courses* can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

**Courses and credits vary

Philosophy Minor

Select two (2):	8
PHL 2015 Ethics	4
PHL 2017 Critical Reasoning	4
PHL 2018 Formal Logic	4
PHL 3001 Metaphysics	4
PHL 4001 Epistemology	4
PHL 4011 Philosophy Seminar	4
Select any four (4) PHL courses, including PHL 4095	16
Total Philosophy Minor	24 credits

Ethics Minor

Required Courses:	8
PHL 2015 Ethics	4
PHL 2017 Critical Reasoning	4
Select four (4):	16
PHL 2007 Biomedical Ethics	4
PHL 2008 Business Ethics	4
PHL 2014 Topics in Philosophy	4
PHL 2016 Contemporary Moral Problems	4
PHL 3003 Legal Philosophy	4
PHL 3004 Environmental Philosophy	4
REL 2002 Religious Ethics	4
Total Ethics Minor	24 credits

Philosophy Course Descriptions

PHL 1011 Everyday Ethics **4 credits**

This course examines the ethical issues which arise in everyday life, especially issues concerning interpersonal communication. The course facilitates the development of critical thinking skills for approaching these issues.

PHL 2000 Introduction to Philosophy **4 credits**

This course provides an introduction to philosophy through the examination of philosophical problems in the classic divisions of philosophy of ethics, metaphysics, and epistemology. Students are encouraged to learn to "do" philosophy.

PHL 2001 Greek Philosophy **4 credits**

This course covers Greek philosophy from its origin up to and through the medieval period. This includes examining the works of the Pre Socrates, Socrates, Plato, Aristotle, Epicurus, Epictetus, St. Augustine, St. Anselm, and St. Thomas Aquinas.

PHL 2002 Modern Philosophy**4 credits**

This course covers philosophy in the modern period. It includes the examination of rationalists such as Descartes, Spinoza, and Leibniz, and empiricists such as Locke, Berkeley, and Hume. It examines Kant's response to the development of modern philosophy.

PHL 2007 Biomedical Ethics**4 credits**

This course examines the ethical theories and concepts as they apply to biomedicine, including the role of medical doctor and nurse, confidentiality and informed consent, patient's rights, medical experimentation on human subjects, involuntary civil commitment, abortion, sterilization of the mentally challenged, genetic engineering, and justice and health care.

PHL 2009 Media Ethics**4 credits**

This course examines the ethical theories and concepts as they apply to moral issues in media, including truth and honesty, privacy, conflicts of interest, economic pressures and social responsibility, civility, offensive content and freedom, treatment of juveniles, stereotypes and racism, and social justice.

PHL 2011 African American Philosophy**4 credits**

This course examines a select set of issues in the philosophical thinking of African American philosophers such as race and racism, separation and assimilation, violence liberation, social justice, and race and gender.

PHL 2012 African Philosophy**4 credits**

This course examines a select set of issues and historical developments in the philosophical thinking of Africans about Africa.

PHL 2015 Ethics**4 credits**

This course examines central issues in moral philosophy from both a historical and contemporary point of view. Topics include virtue and the good of life, ethical judgment, relativism, egoism, utilitarianism, deontology, rights theory, and justice, as well as a selection of issues in applied ethics.

PHL 2016 Contemporary Moral Problems**4 credits**

This course examines a selection of contemporary moral issues in the following areas: abortion, euthanasia, suicide, sexual relations, terrorism, affirmative action, genetic engineering, treatment of animals, the environment, and capital punishment.

PHL 2017 Critical Reasoning**4 credits**

This course emphasizes the development of thinking skills, especially with regard to skills dealing with problems in everyday life. It includes meaning and definition, identification and reconstruction of arguments, evaluations of arguments, identification of fallacies, and writing argumentative papers.

PHL 2018 Formal Logic**4 credits**

This course is an introduction to the principles of formal logic, including deductive validity, truth functional connectives, translation, truth tables, elementary inferences, predicate logic, and traditional syllogistic logic.

PHL 2019 World Philosophy I**4 credits**

This course provides a broad overview of the historical development of philosophy from the roots of philosophy in oral traditions to the Enlightenment. It includes Western traditions as well as philosophy from India, China, Japan, the Near and Middle East, and Africa.

PHL 3001 Metaphysics**4 credits**

This course examines the nature of metaphysics through the examination of the role of metaphysical assumptions in moral, legal, social, political, religious, and scientific practices. Issues include the existence of God, the reality of value, the nature and persistence of the mind, the nature and identity of persons, the existence of the state and other collective entities, and causation and responsibility.

PHL 3003 Legal Philosophy**4 credits**

This course examines classical and contemporary views on the nature of law and legal reasoning. Also, it examines issues such as equality and liberty in constitutional law, punishment, excuses, and the nature of crime in criminal law, and causation and liability in tort law.

PHL 3004 Environmental Philosophy**4 credits**

This course examines classical and contemporary views of the images of nature and worldviews concerning the treatment of the environment and animals. Also, it considers ethical issues such as wilderness, preservation, animal rights, population and consumption, biodiversity, sustainable development and justice, and technology and the environment.

PHL 4001 Epistemology**4 credits**

This course is an examination of issues such as skepticism, induction, the Gettier problem, justification, foundationalism, theories of truth, internalism and externalism, naturalized epistemology, a priori knowledge, and perception.

PHL 4011 Philosophy Seminar**4 credits**

This course examines a major philosophical problem or the writing of a major philosopher. The student writes an extended research paper on the selected problem or writer.

Prerequisites: PHL 2018, PHL 3001 or PHL 4001

PHL 4095 Independent Study**1-4 credits**

Faculty supervised research

Religion (BS, BA)

General Education specific requirements:

Humanities: REL 2000 Introduction to Religion 4

General Education Total 52 credits

Religion: 32

REL 2000 Introduction to Religion (Gen. Ed.)

REL 2002 Religious Ethics 4

REL 2004 Introduction to Religious Phenomena 4

REL 3002 Philosophy of Religion 4

REL 3007 The African American Religion 4

REL 3009 Comparative Religions 4

REL 3041 Introduction to Theology 4

REL 3080 Sacred Texts 4

REL 4002 Seminar in Religion 4

Select three (3): 12

REL 1066 Religion of the Old Testament 4

REL 1088 Life and Teachings of Jesus 4

REL 2050 History of Christianity I 4

REL 3001 Modern Religious Thought 4

REL 3010 Martin and Malcolm 4

REL 3040 Ideologies of Black Liberation 4

REL 3090 Special Topics 4

REL 4001 Major Religions of the World 4

REL 4095 Independent Study 4

Total Religion Major 44 credits

General Education 52 credits

Major 44 credits

Electives 32 credits

Total required for BS degree 128 credits

General Education 52 credits

Major 44 credits

Language through 2002 level 8 credits

Electives 24 credits

Total required for BA degree 128 credits

Religion

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Math 1006 or 1006A	4
	Natural Science or Math	4
	Humanities	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Social Science	4
	Natural Science w/ Lab	4
REL 2000	Intro to Religion	4
	Total	16

Third Semester		
Course	Title	Credits
REL 2002	Religious Ethics	4
	Religion	4
	CSC or Language	4
	Humanities	4
	Total	16

Fourth Semester		
Course	Title	Credits
REL 2004	Intro to Religious Phenomena	4
	Religion	4
	CSC or Language	4
	Social Science	4
	Total	16

Fifth Semester		
Course	Title	Credits
REL 3002	Philosophy of Religion	4
REL 3007	African American Religion	4
	Elective	4
	Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
REL 3009	Comparative Religions	4
REL 3041	Intro to Theology	4
	Elective	4
	Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
REL 3080	Sacred Text	4
	Religion	4
	Elective	4
	Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
REL 4002	Seminar in Religion	4
	Elective	4
	Elective	4
	Elective	4
	Total	16

Total credits: 128

Note:

*Sequence prioritizes major courses; however, *electives* and *general education courses* can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

**Courses and credits vary

Religion Minor

Select three (3):	12
REL 2002 Religious Ethics	4
REL 2004 Introduction to Religious Phenomena	4
REL 3002 Philosophy of Religion	4
REL 3003 Religion in American Culture	4
REL 3009 Comparative Religions	4
REL 3041 Introduction to Theology	4
REL 3080 Sacred Texts	4
REL 4002 Seminar in Religion	4
 Select two (2):	 8
REL 1066 Religion of the Old Testament	4
REL 1088 Life and Teachings of Jesus	4
REL 3001 Modern Religious Thought	4
REL 3007 The African American Religion	4
REL 3010 Martin and Malcolm	4
REL 3040 Ideologies of Black Liberation	4
REL 4001 Major Religions of the World	4
REL 4095 Independent Study	4
Total	20 credits

Religion Course Descriptions

REL 1066 Religion of the Old Testament **4 credits**

The religious history of the Hebrew people from 2000 BCE to the CE with special emphasis on the conceptions of God and man. Attention is given to the influence of social and political history on Hebrew religion, culture, and ethics.

REL 1088 Life and Teachings of Jesus **4 credits**

This course is an introduction to the life and teachings of Jesus. The course includes a study of the background of the life of Jesus, and an analysis of his teaching methods and the content of his message.

REL 2000 Introduction to Religion **4 credits**

This course is an introduction to the study of religion and its influence on contemporary culture. The course deals with the leaders, basic beliefs, and practices of major world religions: Buddhism, Judaism, Christianity, African Traditional Religion, Islam, and Hinduism. The course is designed to enable the student to understand religion as a vital part of the human experience.

REL 2002 Religious Ethics **4 credits**

The ethics of Jesus, Aquinas, Calvin, Luther, Bennett, Niebuhr and other religious thinkers are studied with special reference to the challenge of contemporary culture to theological ethics.

REL 2004 Introduction to Religious Phenomena**4 credits**

This course is an introduction to the various religious occurrences and to the several approaches to the study of religion and spirituality. The student will be introduced to a variety of methodological approaches, drawing on Western and non-Western religions, including African religion, Islam, Hinduism, Buddhism and Native American religion.

REL 2050 History of Christianity I**4 credits**

The students will be introduced to the rise of Christianity. Biographical material relating to important figures, major themes, defining moments, and ideas will be identified. The theological debates and subsequent schisms will be examined; the growth of Christian institutions, popular piety, sects and heterodox groups will also be examined.

REL 3001 Modern Religious Thought**4 credits**

This is a survey of the major Western religious traditions, from the Nineteenth Century to the present, with special emphasis on science and religion, theology and culture, theology of liberation, and Black theology.

REL 3002 Philosophy of Religion**4 credits**

This course is designed to acquaint students with philosophy of religion. The course familiarizes students with philosophical issues in religion. Also, the course deals with the entire breadth of religions, covering theism, monotheism, pantheism, non-theism and atheism. Other themes include metaphysics, ethics, science and existence.

REL 3003 Religion in American Culture**4 credits**

This course studies of the relation of religion to culture in American life both in its institutional and non-institutional forms. Special attention will be given to the religious significance of symbols and myths which have developed in American culture. It will also deal with the role of the major religious traditions: Protestantism, Roman Catholicism, Orthodoxy, and Judaism, in terms of their historical development and contemporary significance.

REL 3007 The African American Religion**4 credits**

This course studies of the role that religion has played in the struggle of the Afro American to survive in a hostile environment. Special attention will be given to its folk expression in sermon and song, its leading personalities, its institutionalization, and its function in the civil rights movement of the mid twentieth century.

REL 3009 Comparative Religions**4 credits**

This course is an introduction to the study of Comparative religions. The course deals with the prophets, basic beliefs, rituals, theologies, and practices of select major world religions, namely: African Traditional Religion, Confucianism, Taoism, Hinduism, Buddhism, Judaism, Christianity, and Islam. The course is designed to enable the student to understand religions in their diversity.

REL 3010 Martin and Malcolm**4 credits**

This course is a comparative study of the lives, actions and philosophies of Martin Luther King Jr. and Malcolm X, America's greatest revolutionaries of the 20th century {the 1950's and 1960's}. The course

also reflects on the social, economic, political and religious influence upon the American Society since the 1950's and 1960's.

REL 3040 Ideologies of Black Liberation

4 credits

The course studies a variety of liberation theories and theologies that have been developed by people of African descent in Diaspora. Special attention will be given to political, economic, social, racial and spiritual approaches to the problems of oppression, racism, marginalization and poverty. Systemic racism expressed in Police brutality, the ballot, corporate hiring will be explored. The course also explores themes like Black lives matter to develop and strengthen the student's consciousness in a racist society.

REL 3041 Introduction to Theology

4 credits

This course is designed to acquaint students with not only the classical but also the language and current state of systematic theology. The course is intended to familiarize the students with theological issues and terminology. Also, it deals with a variety of theologies, covering Western, African, Asian and Eastern perspectives. In addition to God, the central theme, other themes include metaphysics, ontology, good and evil.

REL 3080 Sacred Texts

4 credits

This is a study of selected scriptures from various religious traditions including such topics as history, doctrinal teachings, ethical systems, methods of organization, worship, devotion, ritual and meditation. The study pays special attention to the meaning of holiness, authority, inspiration and life.

REL 3090 Special Topics

4 credits

REL 4002 Seminar in Religion

4 credits

This course investigates the basic methods used in the study of religion and their application to significant problems in religion. The selection of problems to be studied will vary from year to year. Primarily for Juniors and Seniors majoring in religion, this course is open to other qualified students with the consent of the department.

REL 4095 Independent Study

1-4 credits

Faculty supervised research

Languages & Literature

By studying the world's finest literary and cultural contributions, students in the Department of Languages & Literature gain essential insights into themselves and others, as well as acquire a competitive edge as they face the social, intellectual, and political challenges of the day. The Department offers three majors (English Liberal Arts, French, and Spanish), three minors (English, French, and Spanish), and three tracks (Literature, Pre-Law, and Creative Writing). All department majors lead to a B.A. degree that prepares students for further study in graduate or professional school, and for careers in education, law, writing/editing, and international relations, among others.

English Liberal Arts - Literature (BA)

The English Liberal Arts program is committed to producing scholars who demonstrate proficiency in the skills of textual analysis, critical thinking, and written and oral communication. The students will be familiar with the major works of literature written in English, especially those of the British, the American, and the African-American literary traditions. They will understand the history and structure of the English language and will be practiced in its rhetorical forms. They will be prepared for further study in graduate school (literature, rhetoric, MFA) and in professional school (law, medicine, business), and for any career path that *calls for strong* analytic and communication skills.

General Education specific requirements:

Humanities: HIS 2050 Intro to Cinema	4
Humanities: REL 2000 Introduction to Religion	4
Languages: 2 Consecutive Foreign Language Courses	8
General Education Total	52 credits

English Liberal Arts Core: 12

ENG 2014 Literary Criticism	4
ENG 3019 Survey of African American Lit Or	
ENG 3020 Studies in African American Literature	4
ENG 4013 Senior Seminar I Or	
ENG 4014 Senior Seminar II	4

Literature Core Courses: Select five (5):

(Choose 5 courses with 3 above 3000 level)	20
ENG 2009 Women's Literature	4
ENG 2011 English Literature	4
ENG 2050 Intro to Cinema	4
ENG 2085 Harlem Renaissance	4
ENG 3001 American Literature	
ENG 3010 Classical and Biblical Literature	4
ENG 3019 Survey of African American Literature	4
ENG 3020 Studies in African American Literature	4

ENG 3021 Contemporary African Literature	4
ENG 4001 Shakespeare Survey	4
ENG 4006 Modern Fiction	4
ENG 4010 Theory and Dev of the Novel	4
ENG 4012 Special Topics	4

Writing Core Courses: Select three (3):

(Choose 3 courses with 2 courses above 3000 level) 12

ENG 2004 Business Writing	4
ENG 2005 Technical Writing	4
ENG 3011 Advanced Composition	4
ENG 3012 Creative Writing	4
ENG 3014 Legal Analysis and Writing	4
ENG 3015 Literary Magazine Publishing	4
ENG 3025 Screenwriting	4
ENG 3030 Adv Fiction Workshop	4
ENG 4011 Special Topic	4
ENG 4095 Independent Study	4

General Education 48

Language 8

Subtotal 56

English Lib Arts Major 52

Free Electives (minor) 20

Total 128

English Liberal Arts – Literature

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Foreign Language 1001	4
MAT 1006	Math for Liberal Arts	4
	General Education	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Foreign Language 1002	4
	General Education	4
	General Education	4
	Total	16

Third Semester		
Course	Title	Credits
	Foreign Language 2001	4
ENG 2014	Literary Criticism	4
	General Education	4
	General Education	4
	Total	16

Fourth Semester		
Course	Title	Credits
	Foreign Language 2002	4
ENG 3019	Survey of Afr American Lit	4
	General Education	4
	General Education	4
	Total	16

Fifth Semester		
Course	Title	Credits
	General Education	4
	Writing Course 1	4
	Writing Course 2	4
	General Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
	General Education	4
	Literature Course 1	4
	Writing Course 3	4
	General Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
ENG 4013	Senior Seminar I	4
	Literature Course 2	4
	Writing Course 4	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
	General Elective	4
	Literature Course 3	4
	Writing Course 5	4
	General Elective	4
	Total	16

Total credits: 128

Note: *Sequence prioritizes major courses; however, electives can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

The ENG Literature Courses and ENG Writing Courses come from the department groupings list. This sequence sheet is a model, and alternative sequences are possible and may be affected by department course offerings. Students should talk to their advisor and the department chair. Alternatives are possible with approval.

English Liberal Arts - Pre-Law (BA)

The American Bar Association advises students that any major can prepare students for law school and a career in law. A writing-intensive and research-focused major is an especially great precursor to the intense research and writing in law school.

The English Liberal Arts Pre-Law Track has these advantages:

- Offers numerous research opportunities for textual analysis,
- Emphasizes written and oral communications skills,
- Allows students to take the four courses *within* the major that Lincoln University's PLUS Program (Pre-Law Undergraduate Scholars) has developed for students.
- Prepares students for the LSAT and admission to law school.
- Encourages students to add a minor in another department (e.g. History, Philosophy, Political Science and Spanish) that may also emphasize research and writing.

General Education specific requirements:

Humanities: REL 2000 Introduction to Religion 4

Languages: 2 Consecutive Foreign Language Courses 8

General Education Total 52

English Liberal Arts Core: 20

ENG 2014 Literary Criticism 4

ENG 3019 Survey of African American Lit Or

ENG 3020 Studies in African American Literature 4

ENG 4013 Senior Seminar I Or

ENG 4014 Senior Seminar II 4

PHL 2017 Critical Reasoning 4

POL 3010 Race and American Law 4

Pre-Law Core Electives: Select four (4):

(Choose 4 courses with 2 above 3000 level) 16

ENG 2004 Business Writing 4

ENG 2005 Technical Writing 4

ENG 2009 Women's Literature 4

ENG 2011 English Literature 4

ENG 2050 Introduction to Cinema 4

ENG 2085 Harlem Renaissance 4

ENG 3001 American Literature 4

ENG 3010 Classical Biblical Lit 4

ENG 3011 Advanced Composition 4

ENG 3012 Creative Writing 4

ENG 3015 Literary Magazine Publishing 4

ENG 3019 Survey of African American Lit 4

ENG 3020 Studies in African American Lit	4
ENG 3021 Contemporary African Lit	4
ENG 3025 Screenwriting	4
ENG 3030 Adv Fiction Workshop	4
ENG 4001 Shakespeare Survey	4
ENG 4006 Modern Fiction	4
ENG 4010 Theory and Dev of the Novel	4
ENG 4012 Special Topic Literature	4
ENG 4095 Independent Study	4
Pre-Law Elective: Select one (1):	4
BUS 3034 Business Law	4
COM 4004 Mass Media Law and Ethics	4
PHL 3003 Legal Philosophy	4
POL 2006 The Legal System	4
POL 4000 Legal Problem Solving and Skills Development	4
POL 4001 Supreme Court and Constitutional Law	4
CRJ 3001 Law and Society	4
General Education	48
Language	8
Subtotal	56 credits
English Pre Law Major	52
Free Electives (minor)	20
Total	128

English Liberal Arts – Pre-Law

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Foreign Language 1001	4
MAT 1006	Math for Liberal Arts	4
POL 1001**	American National Govt.	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Foreign Language 1002	4
	General Education	4
	General Education	4
	Total	16

Third Semester		
Course	Title	Credits
	Foreign Language 2001	4
ENG 2014	Literary Criticism	4
	General Education	4
	General Education	4
	Total	16

Fourth Semester		
Course	Title	Credits
	Foreign Language 2002	4
ENG 3019***	Survey of African American Literature	4
	General Education	4
	General Education	4
	Total	16

Fifth Semester		
Course	Title	Credits
	General Education	4
PHL 2017	Critical Reasoning	4
ENG 3014	Legal Analysis and Writing	4
	ENG Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
	General Education	4
POL 3010	Race and American Law	4
	ENG Elective	4
	ENG Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
ENG 4013	Senior Seminar I	4
	Major Elective	4
	General Elective	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
	ENG Elective	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Note:

*Sequence prioritizes major courses; however, electives can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

**POL 1001 fulfills a general education requirement and is a needed prerequisite for POL 3010

***Substitutions subject to approval by Chair

English Liberal Arts - Creative Writing (BA)

The Creative Writing Track focuses on the formal, critical, and expressive understanding of four major literary genres: fiction, poetry, creative nonfiction, and screenwriting. The program fosters interest in the literary arts while at the same time training students for professional positions that demand strong language skills. Students will concentrate their study in the following areas:

- Literature courses (landmark literature, literary theory, and literary criticism)
- Literary production (workshop classes, performances, and publications)
- Co-curricular activities and practicums (I.S.P.I.T. poetry club, *SIMBAA* editorial staff)
- Professional opportunities (visiting writers, conferences, internships)

Additionally, students will have opportunities to publish in *SIMBAA*, Lincoln's literary magazine, and perform their work at campus events and for local organizations, including retirement communities, libraries, and history associations. The Creative Writing curriculum allows for a wide range of university electives selected according to the special interests of the student. Together, these components will prepare students for graduate study in Creative Writing (MFA, Ph.D), as well as provide the foundation for professional success in the fields of editing and publishing.

General Education specific requirements:

Humanities: REL 2000 Introduction to Religion	4
Languages: 2 Consecutive Foreign Language Courses	8
General Education Total	52

English Liberal Arts Core: **20**

ENG 2014 Literary Criticism	4
ENG 3019 Survey of African American Lit Or	
ENG 3020 Studies in African American Literature	4
ENG 4013 Senior Seminar I Or	
ENG 4014 Senior Seminar II	4

Creative Writing: Select five (5):

(Choose 5 courses with 3 above the 3000 level)	20
ENG 2004 Business Writing	4
ENG 2005 Technical Writing	4
ENG 3011 Advanced Composition	4
ENG 3012 Creative Writing	4

ENG 3014 Legal Analysis and Writing	4
ENG 3015 Literary Magazine Publishing	4
ENG 3025 Screenwriting	4
ENG 3030 Adv Fiction Workshop	4
ENG 4012 Special Topics	4

Literature Core Courses: Select three (3):

(Choose 3 courses with 2 courses above 3000 level) 12

ENG 2009 Women's Literature	4
ENG 2011 English Literature	4
ENG 2050 Introduction to Cinema	4
ENG 2085 Harlem Renaissance	4
ENG 3001 American Literature	4
ENG 3010 Classical and Biblical Lit	4
ENG 3019 Survey of African American Lit	4
ENG 3020 Studies in African American Lit	4
ENG 3021 Contemporary African Literature	4
ENG 4001 Shakespeare Survey	4
ENG 4006 Modern Fiction	4
ENG 4010 Theory and Dev of the Novel	4
ENG 4012 Special Topic Literature	4
ENG 4095 Independent Study	4

General Education	48
Language	8
Subtotal	56
English Creative Writing Major	52
Free Electives (minor)	20
Total	128

English Liberal Arts – Creative Writing

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Foreign Language 1001	4
MAT 1006	Math for Liberal Arts	4
	General Education	4
Total		16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Foreign Language 1002	4
	General Education	4
	General Education	4
Total		16

Third Semester		
Course	Title	Credits
	Foreign Language 2001	4
ENG 2014	Literary Criticism	4
	General Education	4
	General Education	4
Total		16

Fourth Semester		
Course	Title	Credits
	Foreign Language 2002	4
ENG 3019	Survey of African American Literature	4
	General Education	4
	General Education	4
Total		16

Fifth Semester		
Course	Title	Credits
	General Education	4
	Writing Course 1	4
	Writing Course 2	4
	General Elective	4
Total		16

Sixth Semester		
Course	Title	Credits
	General Education	4
	Literature Course 1	4
	Writing Course 3	4
	General Elective	4
Total		16

Seventh Semester		
Course	Title	Credits
ENG 4013	Senior Seminar I	4
	Literature Course 2	4
	Writing Course 4	4
	General Elective	4
Total		16

Eighth Semester		
Course	Title	Credits
	General Elective	4
	Literature Course 3	4
	Writing Course 5	4
	General Elective	4
Total		16

Total Credits: 128

Note: *Sequence prioritizes major courses; however, electives can be taken in variable semesters provided all credit requirements are fulfilled before graduation. The ENG Literature Courses and ENG Writing Courses come from the department groupings list. This sequence sheet is a model, and alternative sequences are possible and may be affected by department course offerings. Students should talk to their advisor and the department chair. Alternatives are possible with approval.

English Course Descriptions

ENG 1001 English Composition I**4 credits**

This standard course in college level writing is required of all students. It reviews the rules of syntax, grammar, and punctuation, and surveys the common rhetorical approaches to expository writing. In addition to other requirements, a student must pass an exit exam.

ENG 1002 English Comp II**4 credits**

This course reviews the expository essay and introduces the student to the process of researching and composing a substantial term paper. It also introduces the student to the study of three genres of literature: drama, poetry, and the short story. *Prerequisite: ENG 1001 or placement*

ENG 2004 Business Writing**4 credits**

This course is designed to refine and develop professional writing techniques for majors in a variety of fields. Specifically, practice is provided in writing abstracts, short reports, memoranda, and selected types of letters. *Prerequisite: ENG 1002*

ENG 2005 Technical Writing**4 credits**

This course concentrates on the written communication of scientific and/or job-related information. It includes various kinds of writing that technical and professional people are asked to utilize in industry, business, and governmental agencies. *Prerequisite: ENG 102*

ENG 2007 World Literature I**4 credits**

This course covers the works of great writers, from a global perspective beginning with the Ancient World through the Seventeenth Century. *Prerequisite: ENG 102*

ENG 2008 World Literature II**4 credits**

This course is a continuation of ENG 207 and covers the Eighteenth Century to the present, with greater emphasis on a global recognition of contemporary writers. *Prerequisite: ENG 1002*

ENG 2009 Women's Literature**4 credits**

This course introduces student to literature written by women representing at least two continents and covering at least two centuries of development. It identifies the emergence of women's literature in the traditional canon and place literary achievement in the context of historical development of women's political and social rights. Important primary documents related to women's rights are examined.

Prerequisite: ENG 1002

ENG 2011 English Literature I**4 credits**

In an endeavor to provide a strong subject matter foundation in the literature of the English speaking world, this survey course in the history of English literature covers, during the first semester, the beginnings of English literature and traces the development of the literature through the Eighteenth Century. *Prerequisite: ENG 1002*

ENG 2012 English Literature II**4 credits**

The second semester, which continues the effort to provide a strong subject foundation in the literature of the English-speaking world, begins with the Nineteenth Century and end with contemporary English literature. *Prerequisite: ENG 1002*

ENG 2014 Literary Criticism**4 credits**

This course introduces the major literary genres of poetry, fiction, and drama and focuses upon a variety of critical approaches to literature, such as the sociological, the psychological, and the formalist approaches. Emphasis is also placed upon the history of criticism. *Prerequisite: ENG 1002*

ENG 2050 Introduction to Cinema**4 credits**

This course explores visual literacy through a study of film techniques and history. Relationships to narrative art and to humanistic tradition are examined. *Prerequisite: ENG 1002*

ENG 2085 Harlem Renaissance**4 credits**

This course is a multidisciplinary study of culture through the artistic works of Black Americans. Readings will represent the first two decades of the twentieth century which include not only creative literary texts but also more formal texts and artistic genres. *Prerequisite: ENG 1002*

ENG 3001 American Literature**4 credits**

This survey course covers five centuries of American letters: Puritanism/Deism, Romanticism, Realism/Regionalism, Modernism, and Postmodernism. Among authors read and discussed are William Bradford, Anne Bradstreet, Jonathan Edwards, Thomas Paine, Olaudah Equiano, Phyllis Wheatley, Samuel Clemens, W.E.B. Du Bois, Stephen Crane, T. S. Eliot, William Faulkner, Gertrude Stein, Ralph Ellison, John Updike, Norman Mailer, Robert Lowell, Allen Ginsberg, and Toni Morrison. *Prerequisite: ENG 1002*

ENG 3010 Classical and Biblical Literature**4 credits**

This course is designed to introduce students to the landmark works of the Bible and of classical Greece and Rome that together have not only helped to shape the literary tradition of Western Europe but also widely influenced cultures far beyond that confine. *Prerequisite: ENG 1002*

ENG 3011 Advanced Composition**4 credits**

This course provides an analytical study of prose style and the four forms of discourse: argumentation, description, exposition, and narration. *Prerequisite: ENG 1002*

ENG 3012 Creative Writing**4 credits**

This course is intended for the student who shows evidence of creative capabilities and who could benefit from the instruction of a professional writer. Students are taught to analyze a

variety of literary genres as a means of developing a keen awareness of literary styles and techniques applicable to individual creative abilities. *Prerequisite: ENG 1002*

ENG 3014 Legal Analysis and Writing

4 credits

This course will introduce the student to the fundamentals of legal analysis and writing. Legal writing is more than a style of writing; it requires a law student or lawyer to use a new, specific method of reasoning to analyze a client's legal problem and communicate the analysis effectively in writing. This course will provide prelaw student with an introduction to an important subject that all law students must study during the first year of law school and a glimpse at law school life as well. *Prerequisite: ENG 1002*

ENG 3019 Survey of African American Literature

4 credits

This course surveys the writing of African American authors from the Eighteenth Century to the present and stresses a discussion of literary figures as well as the thematic patterns which have distinguished the development of this literature. Course material includes works in a variety of genre: autobiography, slave narrative, poetry, short story, drama, and novel. Among the writers studied are Douglass, Grimke, Dunbar, Chesnutt, Dubois, Washington, Johnson, McKay, Hurston, Hughes, Toomer, Wright, Brooks, Ellison, Baldwin, Gaines, and Walker. *Prerequisite: ENG 1002*

ENG 3020 Studies in African American Literature

4 credits

The course will focus upon a special topic in African American literature. The topic will be selected by the professor and announced prior to the offering of the course. *Prerequisite: ENG 1002*

ENG 3021 Contemporary African Literature

4 credits

The course explores major genres and modes in Twentieth Century African literature. It will focus on major writers and literary traditions from the various geopolitical regions of Africa, especially on those writers whose works are available in English. Additional emphasis will be on the understanding of the diverse manifestations of postcolonial themes and stylistic experiments in African literature. *Prerequisite: ENG 1002*

ENG 3025 Screenwriting

4 credits

This course teaches the craft of screenwriting for film and television, covering various screenplay formats (sit-com, one-hour drama, feature-length film), the business of screenwriting, and past and current trends in Black cinema. *Prerequisite: ENG 1002*

ENG 3084 Linguistics I

4 credits

This course explores theories and concepts of language, traces the history and development of the English language, and studies the phonology and morphology of English. *Prerequisite: ENG 1002*

ENG 3085 Linguistics II**4 credits**

This course is designed for English education majors. There is a review of traditional grammar and an introduction to transformational generative grammars, American dialects, psycholinguistics, and sociolinguistics. *Prerequisite: ENG 1002*

ENG 4001 Shakespeare Survey**4 credits**

This course focuses upon the representative plays and poetry that best illustrate Shakespeare's development as an artist. Plays will be selected from among the histories, comedies, tragedies, and romances. Poetry will be represented by selected sonnets. *Prerequisite: ENG 1002*

ENG 4006 Modern Fiction**4 credits**

This course focuses on English, American, and lean economic country authors from the late Nineteenth Century to the present. *Prerequisite: ENG 1002*

ENG 4010 Theory and Development of the Novel**4 credits**

This course is an intensive study of the novel. Students will read exemplar works both British and American from several historic periods. Significant time will be spent on addressing the theory and development of the genre. Particular attention will be given to exploring important aspects of the novel such as point of view, plot, character, imagery, and symbolism. *Prerequisite: ENG 1002*

ENG 4012 Special Topics**4 credits**

Prerequisite: ENG 1002

ENG 4013 Senior Seminar I**4 credits**

These courses focus on reading, discussion, and research, the summation of which is a twenty-five to thirty page thesis in one of three areas: English, American, or nonwestern literature. *Prerequisite: ENG 1002*

ENG 4014 Senior Seminar II**4 credits**

These courses focus on reading, discussion, and research, the summation of which is a twenty-five to thirty page thesis in one of three areas: English, American, or non-Western literature. *Prerequisite: ENG 1002*

ENG 4095 Independent Study**1-4 credits**

Faculty supervised research

Foreign Languages

Language Placement Examinations

All students who have previously studied a foreign language in a school or otherwise for two years or more must take the Language Placement Exams before continuing their study

of the language at Lincoln. This will allow the Department to place students into the level of instruction that best meets their existing abilities. These exams are administered by the Department of Languages & Literature and are given just before the beginning of the fall and the spring semesters (for new and transfer students) and just prior to registration periods during the academic year (for returning students). Results are normally posted within 24 hours in the Department of Languages & Literature. Once students are placed, they are expected to follow the appropriate sequence of courses until completion of the language requirement. Students who test above the 202 level are eligible for the Bachelor of Arts degree and are encouraged to pursue the language as a minor or major.

Credit by Placement Exams

Matriculating students may earn credits for foreign language courses when they demonstrate proficiency at or beyond the level of the courses. The courses will be added to their transcript with a notation that the credits were earned by placement exams and with a grade of “P” (pass). Credits earned by placement exams are not included in the computation of grade point averages. Students who are eligible to receive credit by placement exams will receive a memorandum from the Department of Languages & Literature that they may take to the Office of the Bursar for payment of the required fees and then to the Office of the Registrar for placement of the entries on the transcript.

Eligibility

These exams are offered only to students who took two years or more of a foreign language in Junior/High School and plan to study that same language at Lincoln University for the first time. Students are not eligible if:

- They have already taken that language at Lincoln or transferred a course in that language from another institution.
- They have already taken the Lincoln University Language Placement Exam. The Language Placement Exams cannot be used to improve grades earned at Lincoln or skip levels of classes.

The Department does not honor course placement or any credits earned through Placement Exams taken at other institutions.

Lincoln University recognizes the tremendous value of study abroad and therefore encourages students to consider a number of opportunities for international studies.

Foreign language majors are required to have a study abroad/total immersion experience. Students with a minor in a foreign language are strongly encouraged to study abroad. Students have studied abroad in such countries as China, Russia, Mexico, Spain, Costa Rica, France, Morocco, Japan, Belgium, Botswana, Nigeria, and Egypt.

The cost of studying abroad, including transportation, tuition, and living expenses in some cases may be less than the cost of studying at Lincoln. Student financial aid can be used to pay for the costs of most study abroad programs.

Students may study abroad at a foreign institution for a single semester, an academic year, or over the summer. Students in semester programs usually earn 15 to 20 credits just as they would as a full-time student on campus.

Students who are majoring in a foreign language will generally want to select a program that offers full-time study of the language, literature, and culture of the country. Students who are just minoring in a foreign language may be able to select a program that combines the study of the language with regular college level courses that can satisfy other requirements of their majors.

Language Clubs

All language majors and minors are encouraged to take an active role in the language clubs. These are student organizations whose officers are elected annually. There are currently four language clubs (Arabic, French, Japanese and Spanish). They are involved in many co- and extra-curricular activities, including tutoring, fund-raising, educational trips and language fairs. They also actively participate in department-sponsored events such as International Food Festival and Language Night.

French (BA)

General Education specific requirements:

Foreign Language: 1001 and 1002 level	8
General Education Total	52 credits

2000-Level Requirements:

FRE 2001 Intermediate French I	4
FRE 2002 Intermediate French II	4
Total 2000-Level Requirements	8 credits

Seven additional French courses 3000-4000 level	28 credits
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MDL 4051 Study Abroad	(Courses and number of credits vary)
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General Education	52 credits
Major	36 credits
Study Abroad	credits vary
Electives	credits vary depending upon MODL 451
Total required for BA degree	128 credits

French

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
FRE 1001	Elementary French I	4
MAT 1006	Math for Liberal Arts	4
	General Education	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
FRE 1002	Elementary French II	4
	General Education	4
	General Education	4
	Total	16

Third Semester		
Course	Title	Credits
FRE 2001	Intermediate French I	4
	General Education	4
	General Education	4
	General Education	4
	Total	16

Fourth Semester		
Course	Title	Credits
FRE 2002	Intermediate French I	4
	General Education	4
	General Education	4
	General Education	4
	Total	16

Fifth Semester		
Course	Title	Credits
	French Major Elective	4
	French Major Elective	4
	General Education	4
	General Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
MDL 4051	Study Abroad**	16
	Total	16

Seventh Semester		
Course	Title	Credits
	French Major Elective	4
	French Major Elective	4
	General Elective	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
	French Major Elective	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Note:

*Sequence prioritizes major courses; however, *electives* and *general education courses* can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

**Courses and credits vary

French Minor

FRE 1001 Elementary French I	4
FRE 1002 Elementary French II	4
FRE 2001 Intermediate French I	4
FRE 2002 Intermediate French II	4
Four (4) additional French courses 3000-4000 level	16
Total French Minor	32 credits

Spanish (BA)

General Education specific requirements:	
Foreign Language: 1001 and 1002 level	8
General Education Total	48 credits
2000-Level Requirements:	
SPN 2001 Intermediate Spanish I	4
SPN 2002 Intermediate Spanish II	4
Total 2000-Level Requirements	8 credits
Seven additional Spanish courses 3000-4000 level	28 credits
MDL 4051 Study Abroad	(Courses and number of credits vary)
General Education	52 credits
Major	36 credits
Study Abroad	credits vary
Electives	credits vary depending upon MDL 4051
Total required for BA degree	128 credits

Spanish

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
SPN 1001	Elementary Spanish I	4
MAT 1006	Math for Liberal Arts	4
	General Education	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
SPN 1002	Elementary Spanish II	4
	General Education	4
	General Education	4
	Total	16

Third Semester		
Course	Title	Credits
SPN 2001	Intermediate Spanish I	4
	General Education	4
	General Education	4
	General Education	4
	Total	16

Fourth Semester		
Course	Title	Credits
SPN 2002	Intermediate Spanish I	4
	General Education	4
	General Education	4
	General Education	4
	Total	16

Fifth Semester		
Course	Title	Credits
	Spanish Major Elective Course	4
	Spanish Elective	4
	General Education	4
	General Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
MDL 4051	Study Abroad**	16
	Total	16

Seventh Semester		
Course	Title	Credits
	Spanish Elective	4
	Spanish Elective	4
	General Elective	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
	Spanish Elective	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Note:

*Sequence prioritizes major courses; however, *electives* and *general education* courses can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

**Courses and credits vary

Spanish Minor

SPN 1001 Elementary Spanish I	4
SPN 1002 Elementary Spanish II	4
SPN 2001 Intermediate Spanish I	4
SPN 2002 Intermediate Spanish II	4
Four (4) additional Spanish courses 3000-4000 level	16
Total Spanish Minor	32 credits

Foreign Language Course Descriptions

ARA 1001 Elementary Modern Standard Arabic I **4 credits**

This course aims at teaching students with no prior knowledge of Arabic. The course targets are the writing system and sounds of Arabic, its basic grammatical structure and word formation, and the acquisition of an active vocabulary of about 1,000 words. Three hours of classroom instruction per week in addition to one hour in the language and computer labs and written assignments.

ARA 1002 Elementary Modern Standard Arabic II **4 credits**

Sequel to Arabic 1001. *Prerequisite: ARA 1001.*

ARA 2001 Intermediate Modern Standard Arabic I **4 credits**

This course begins with a thorough review of basic Arabic grammar and vocabulary. The review serves to consolidate knowledge and to bring students to a common level. The main thrust is the acquisition and expansion of vocabulary, mainly through discussions and extensive readings. Attention is also given to writing skills. Three hours of classroom instruction per week as well as one hour in the language and computer.

Prerequisite: ARA 1002.

ARA 2002 Intermediate Modern Standard Arabic II **4 credits**

Sequel to Arabic 2001. *Prerequisite: ARA 2001.*

ARA 3001 Advanced Arabic **4 credits**

This course helps students to increase their understanding of Arabic and to acquire a better grasp of the language patterns, idiomatic usage, and grammar. This knowledge, coupled with more intensive vocabulary and enhanced familiarity with Arabic characters, facilitates reading. The students develop comprehension skills through conversations in a variety of situations, and also in different styles: formal and classical Arabic, and colloquial Arabic. Besides mastering the material presented in the textbook, students must be able to read and understand the daily newspaper. *Prerequisite: ARA 2002*

ARA 3003 Intensive Arabic I **4 credits**

Students use and further develop advanced contemporary vocabulary and grammar of the standard literary Arabic. Those skills are used to study contemporary Islamic and classical material in Arabic. Materials will be from the various Arabic speaking cultures in the Middle East, Africa, and Asia, with an emphasis in economics, politics and culture. Sources will

include popular periodicals, broadcast recordings, and classical works such as the Qur'an and the Hadith. *Prerequisite: ARA 3001*

CHI 1001 Elementary Mandarin Chinese I **4 credits**

As an introduction to Mandarin Chinese, the course begins with a concentrated study of Mandarin phonetics and the Gwoyeu Romatzyh tonal spelling system of romanization. Chinese characters are also introduced, along with simple vocabulary items for daily use, liberally supplemented with sentence pattern drills and exercises and essentials of grammar. The lecture is three hours; one additional hour is required for drill and laboratory.

CHI 1002 Elementary Mandarin Chinese II **4 credits**

This course is a sequel to Chinese 101. Simplified characters and the Pinyin system of romanization are introduced. Other romanization systems are also briefly presented. The lecture is three hours; one additional hour is required for drill and laboratory. *Prerequisite: CHI 1001.*

FRE 1001 Elementary French I **4 credits**

This course introduces students with no prior knowledge of the language to the basic structure of French through a variety of proficiency-oriented activities. All language skills speaking, listening, reading and writing are actively practiced in realistic communicative situations. The course also introduces students to the richness and diversity of francophone culture. The course requires three hours of lecture per week and one hour of instruction in the language laboratory.

FRE 1002 Elementary French II **4 credits**

The course is the sequel to French 1001. *Prerequisite: FRE 1001.*

FRE 2001 Intermediate French I **4 credits**

The course is designed to develop strong communication skills. It offers a rapid review of basic French grammar and introduces students to more advanced structures needed to acquire better proficiency. Classroom activities progress from drills to exercises of a more communicative approach. The course continues to introduce students to the richness and diversity of francophone culture. The course requires three hours of lecture per week and one hour of instruction in the language laboratory.

Prerequisite: FRE 1002.

FRE 2002 Intermediate French II **4 credits**

The course is a sequel to FRE 2001. *Prerequisite: FRE 2001.*

FRE 3001 Advanced French: Composition & Conversation I **4 credits**

The aim of the course is to develop the student's ability to express himself or herself easily and correctly in speaking and in writing. Extensive oral and written task-based activities will be used. *Prerequisite: FRE 2002*

FRE 3002 Advanced French: Composition & Conversation II **4 credits**

The course is a sequel to FRE 3001. *Prerequisite: FRE 3001*

FRE 3003 Intro to Global Francophone Studies

4 credits

This course explores the multidimensional cultures and histories of French-speaking peoples across the globe. Students in this course improve their French listening reading, writing and speaking skills in an analytical context as they investigate historical, sociocultural, spatial, artistic, literary, economic and political approaches to power, language, nation, gender, race and human rights in France, North and Sub Saharan Africa, Southeast Asia, Canada and the Caribbean. *Prerequisite: FRE 3002*

FRE 3004 Intro to Afro-Francophone Studies

4 credits

This course explores the multidimensional cultures and histories of African and Afrodescendant French-speaking peoples across the globe. Students in this course improve their French listening reading, writing, and speaking skills in an analytical context as they investigate historical, sociocultural, spatial, artistic, literary, economic, and political approaches to power, language, nation, gender, race, and human rights in France, North and Sub Saharan Africa, Southeast Asia, Canada, and the Caribbean. *Prerequisite: FRE 3002*

FRE 4002 The Francophone Novel

4 credits

This course will cover a selection of novels written in French from around the globe; it will also study relevant historical, literary, cultural and political movements. An extended essay in French will be required. This course will normally be offered on a Tutorial Study for one or several students. *Prerequisite: FRE 3004*

FRE 4005 African & Caribbean Poetry

4 credits

This course is a comprehensive study of the Black writers from Africa and the Caribbean who use the French language; it will also study the literary and political movements which conditioned the emergence of this literature. The course will be open to students not majoring in French. Readings will be in French and in English where translations are available; lectures and discussions will be in English. French majors will be required to write their papers in French. *Prerequisite: FRE 3004*

FRE 4007 Survey of Global Francophone Literatures

4 credits

This course studies global Francophone literatures throughout history. Students will acquire a general knowledge of relevant historical, literary, cultural and political movements as well as knowledge of specific texts. *Prerequisite: FRE 3004*

FRE 4008 Survey of Afro-francophone Literatures

4 credits

This course studies Afro-francophone literatures throughout history. Students will acquire a general knowledge of relevant historical, literary, cultural and political movements as well as knowledge of specific texts. *Prerequisite: FRE 3004*

FRE 4009 Special Topics I**4 credits**

Students concentrate on an area or problem of individual interest. Students will consult with the instructor in charge in order to choose an area.

FRE 4010 Special Topics II**4 credits**

Students concentrate on an area or problem of individual interest. Students will consult with the instructor in charge in order to choose an area.

FRE 4095 Independent Study**1-4 credits**

Faculty supervised research

JPN 1001 Elementary Japanese I**4 credits**

First year or elementary level Japanese introduces the basic structure and vocabulary of modern Japanese, stressing the use of Kana Japanese syllabaries from the very outset, so the subsequent adjustment to reading ordinary Japanese literature is minimal. Emphasis will be on vocabulary and oral training for conversation with reasonable ease, with an introduction to readings and writing. Familiarity with the sociocultural context of the modern Japanese language will also be stressed. The lecture is three hours; one additional hour is required for drill and laboratory.

JPN 1002 Elementary Japanese II**4 credits**

First year or elementary level Japanese introduces the basic structure and vocabulary of modern Japanese, stressing the use of Kana Japanese syllabaries from the very outset, so the subsequent adjustment to reading ordinary Japanese literature is minimal. Emphasis will be on vocabulary and oral training for conversation with reasonable ease, with an introduction to readings and writing. Familiarity with the sociocultural context of the modern Japanese language will also be stressed. The lecture is three hours; one additional hour is required for drill and laboratory. *Prerequisite: JPN 1001.*

JPN 2001 Intermediate Japanese I**4 credits**

Intermediate or second year level Japanese is designed to help students master modern Japanese Tokyo dialect through review and reinforcement. The use of special audio and videotapes, in addition to regular tapes for textbook assignments, enables students to learn how Japanese is used in various social and cultural settings and in the business world. Course materials are designed to foster a good knowledge of modern Japanese grammar, ability to write short essays, fluency in daily conversation, incorporating terms and phrases appropriate to the context, and skill in the use of basic reference materials. The lecture is three hours; one additional hour is required for drill and laboratory. *Prerequisite: JPN 1002.*

JPN 2002 Intermediate Japanese II**4 credits**

Intermediate or second year level Japanese is designed to help students master modern Japanese Tokyo dialect through review and reinforcement. The use of special audio and videotapes, in addition to regular tapes for textbook assignments, enables students to learn how Japanese is used in various social and cultural settings and in the business world.

Course materials are designed to foster a good knowledge of modern Japanese grammar, ability to write short essays, fluency in daily conversation, incorporating terms and phrases appropriate to the context, and skill in the use of basic reference materials. The lecture is three hours; one additional hour is required for drill and laboratory.

Prerequisite: JPN 2001.

JPN 3001 Advanced Japanese I

4 credits

This course introduces a total of three hundred new Kanji characters, some may have appeared in preceding lessons with a different reading compound. This helps students to increase their understanding of Japanese and to acquire a better grasp of the language patterns, idiomatic usage, and grammar. This knowledge, coupled with more intensive vocabulary and enhanced familiarity with Kanji characters, facilitates reading. The students develop comprehension skills through conversations in a variety of situations, and also in different styles: honorific and plain. Besides mastering the material presented in the textbook, students must be able to read and understand the daily newspaper. *Prerequisite: JPN 2002*

JPN 3002 Advanced Japanese II

4 credits

Another three hundred new Kanji characters are introduced. More intensive reading and increased speed of reading and writing are required. Scientific writing, translation, and the vocabulary of business Japanese are also introduced. *Prerequisite: JPN 3001*

JPN 3003 Intensive Japanese I

4 credits

The course is designed to develop the student's ability in reading literary material, composition, and conversation. 200 new Kanji will be introduced. Translation of material of educational and economic interest, as well as articles from the daily Japanese newspaper will be exercised. *Prerequisite: JPN 3002*

JPN 3004 Intensive Japanese II

4 credits

The course is designed to provide intensive training in reading, business conversation, and composition. 200 new Kanji will be introduced. Translation of material of educational and economic interest, and also articles from the daily Japanese newspaper will be stressed. The students will obtain enough training for continuing study at a Japanese institute, working in a Japanese firm or teaching English at a Japanese school. *Prerequisite: JPN 3003*

SPN 1001 Elementary Spanish I

4 credits

This course offers the foundations of the Spanish language using a communicative-based approach. The course also introduces students to Latinx, Afrolatinx and Spanish cultures. The course requires three hours of lecture per week and one hour of lab instruction.

SPN 1002 Elementary Spanish II

4 credits

This course is the sequel to SPN 1001. *Prerequisite: SPN 1001.*

SPN 2001 Intermediate Spanish I 4 credits

This course offers a rapid review of basic structures of the Spanish language. Its main objective is the development of skills in reading, writing, speaking, and understanding Spanish with relative fluency. The course continues to introduce students to Latinx, Afrolatinx and Spanish cultures. The course requires three hours of lecture per week and one hour of lab instruction. *Prerequisite: SPN 1002.*

SPN 2002 Intermediate Spanish II 4 credits

This course is the sequel to SPN 2001. *Prerequisite: SPN 2001.*

SPN 3001 Advanced Spanish: Composition & Conversation I 4 credits

This course develops the student's ability to communicate more fluently in speaking and in writing. The course incorporates a variety of task-based exercises and projects and also contains activities that will help students broaden their knowledge of Latinx, Afrolatinx and Spanish cultures.

Prerequisite: SPN 2002

SPN 3002 Advanced Spanish: Composition & Conversation II 4 credits

This course is a sequel to SPN 3001. *Prerequisite: SPN 3001*

SPN 3003 Intro to Iberian Studies 4 credits

An in-depth exploration of the nation we now call Spain, this course investigates the Iberian Peninsula's multidimensional cultures and histories spanning from pre-Roman times into the present day. Students in this course improve their Spanish listening reading, writing and speaking skills in an analytical context as they investigate historical, sociocultural, spatial, artistic, literary, economic and political approaches to power, language, nation, gender, race and human rights in Spain and the Iberian Peninsula. *Prerequisite: SPN 3002*

SPN 3004 Intro to Latinx and Afrolatinx Studies 4 credits

This course introduces students to issues and analytical approaches that inform the queries of the fields of Latinx and Afrolatinx Studies. Students in this course improve their Spanish listening, reading, writing and speaking skills in an analytical context as they investigate historical, sociocultural, spatial, artistic, literary, economic and political approaches to power, language, nation, gender, race and human rights in Latin America, the Caribbean and the United States. *Prerequisite: SPN 3002*

SPN 4007 Survey of Iberian Literatures 4 credits

This course will introduce students to the major writers and literary trends in Spain from the Medieval Period to modern times. Students will acquire general knowledge of methods of literary criticism and analysis of literature. In addition, students will research history, literature and culture throughout these periods in the Iberian Peninsula and Spain.

Prerequisite: SPN 3002

SPN 4008 Survey of Afrolatinx Literatures**4 credits**

This course studies Latinx and Afrolatinx literatures throughout history, focusing on texts from Latin America, the U.S. and Equatorial Guinea. Students will acquire a general knowledge of the history of Latinx and Afrolatinx literatures as well as knowledge of specific texts. Special emphasis will be given to U.S. Afrolatinx literature. *Prerequisite: SPN 3002*

SPN 4009 Special Topics I**4 credits**

Students concentrate on an area or problem of individual interest. Students will consult with the instructor in charge in order to choose an area.

SPN 4010 Special Topics II**4 credits**

Students concentrate on an area or problem of individual interest. Students will consult with the instructor in charge in order to choose an area.

SPN 4095 Independent Study**1-4 credits**

Faculty supervised research

SWA 1001 Elementary Swahili I**4 credits**

This course is an introduction for students new to the Swahili language. The course lays the groundwork for basic communication skills in Swahili, emphasizing essential vocabulary, grammatical structures, and cultural context. Through interactive exercises, real-life simulations, and cultural explorations, students will gain practical language skills while deepening their understanding of the diverse cultures in Swahili-speaking regions of East Africa.

SWA 1002 Elementary Swahili II**4 credits**

This course is a continuation of Swahili 1001, designed for students who have completed the first semester of the language. Students will further develop communication skills in Swahili by expanding on essential vocabulary, grammatical structures, and cultural contexts relevant to Swahili-speaking regions of East Africa through engagement with literary and analytical texts, as well as oral narratives. This course offers students a functional understanding of the diverse linguistic, literary, and cultural variations in Swahili-speaking nations and communities.

Mathematical Sciences

The Mission of the Department of Mathematical Sciences is to provide students with quality academic experiences that develop mathematical and computing knowledge and skills needed for advanced studies and professional employment.

Mathematics is fundamental to many disciplines. It is highly respected for developing quantitative reasoning skills, understanding and communicating mathematical ideas, analytical thinking skills, data science, mathematical modeling, pattern recognition, and general problem solving skills which are essential for success in most contemporary professions.

More than ever, today mathematics plays a leading role in shaping our rapidly changing and ever-increasing technological-based world. Mathematicians work with STEM scientists in disciplines such as computer science, medicine, biology, chemistry, physics, engineering, ecology, as well as other disciplines including economics, business, and social sciences to solve many pressing problems. Studying mathematics will keep many career paths open and give you an invaluable education for whichever profession you eventually choose. For a list of careers in mathematics, go to MAA Math Classifieds at www.mathclassifieds.org

A student who has not yet formed specific career goals and prefers a broad-based education that will provide flexibility in his/her future should consider a major or minor in Mathematics at Lincoln University as an excellent option.

Mathematics (BS, BA)

The Department of Mathematical Sciences prides itself in the competitiveness of its curriculum. The department offers one emphasis:

➤ General Mathematics

General Math is directed toward students who may wish to pursue advanced studies in mathematics.

General Mathematics Track

General Education specific requirements:

Computer Science: CSC 1058 Computer Programming I 4

Computer Science: CSC 1059 Computer Programming II 4

General Education Total 52 credits

Mathematics Core:

MAT 1021 Calculus I 4

MAT 1022 Calculus II 4

MAT 2013 Discrete Mathematics 4

MAT 2014 Linear Algebra 4

MAT 2021 Calculus III 4

MAT 2022 Differential Equations 4

MAT 3041 Mathematical Statistics I 4

MAT 4021 Analysis I	4
Academic Enrichment Elective: Select one (1):	4
MAT 4075 Seminar I	4
MAT 4095 Independent Study	4
MAT 4099 Mathematics Internship	4
Total Mathematics Core:	36 credits
 MAT 3025 Modern Algebra I	 4
2000-level: Select one (1):	34
One additional MAT course at the 2000 level	4
 3000-4000-level: Select three (3):	 12
Three additional MAT courses at the 3000-4000 levels	12
Total General Mathematics Track	48 credits
 General Education	 52 credits
Major	52 credits
Electives	24 credits
Total required for BS degree	128 credits
 General Education	 52 credits
Major	48 credits
Language through 2002 level	8 credits
Electives	20 credits
Total required for BA degree	128 credits

Mathematics – General

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
MAT 1011	Pre-Calculus or Higher	4
	General Elective	4
	Natural Science w/ Lab	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
MAT 1021	Calculus I	4
CSC 1058	Computer Programming I	4
	Humanities	4
	Total	16

Third Semester		
Course	Title	Credits
CSC 1059	Computer Programming II	4
MAT 1022	Calculus II	4
MAT 2013	Discrete Mathematics	4
	African American Experience	4
	Total	16

Fourth Semester		
Course	Title	Credits
MAT 2021	Calculus III	4
	Social Science	4
	Humanities	4
	Natural Science	4
	Total	16

Fifth Semester		
Course	Title	Credits
MAT 2014	Linear Algebra	4
MAT 2022	Differential Equations	4
MAT 3041	Mathematical Statistics I	4
	Language or CSC	4
	Total	16

Sixth Semester		
Course	Title	Credits
MAT 3025	Modern Algebra I	4
	Math Elective	4
	Language or CSC	4
	Humanities	4
	Total	16

Seventh Semester		
Course	Title	Credits
MAT 4021	Analysis I	4
	Math Elective (3000)	4
	Math Elective (3000)	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
	Academic Enrichment	4
	Math Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Mathematics Minor

Required:	12
MAT 1021 Calculus I	4
MAT 1022 Calculus II	4
MAT 2021 Calculus III	4
2000-level or higher: Select two (2):	8
Two additional MAT courses at the 2000 level or above	8
Total Mathematics Minor	20 credits

Mathematics Course Descriptions

MAT 1001 Elementary & Intermediate Algebra/MAT LAB **4 credits**

This course consists of selected topics that include basic concepts of arithmetic and algebra, the real numbers, first degree equations of one variable, inequalities, exponents, polynomials, factoring, rational expression, systems of linear equations and inequalities, roots and radicals. *Corequisite: MAT LAB*

MAT 1002 Intermediate Algebra/MAT LAB **4 credits**

This course consists of selected topics that include factoring polynomials, rational expression, systems of linear equations and inequalities, roots and radicals. *Prerequisite: MAT 1001, minimum grade C. Corequisite: MAT LAB*

MAT 1006 Math for Liberal Arts **4 credits**

This course is an introduction to non-technical applications of mathematics in the modern world and is designed to cultivate an appreciation of the significance of mathematics in daily life and to develop student's mathematical reasoning. Subjects include Quantitative Information in Everyday Life, Financial Management, Statistics and Probability. *Prerequisite: MAT 1001, minimum grade C, or by Placement test*

MAT 1010 College Algebra **4 credits**

This course contains algebraic techniques, functions, and graphs which are essential in order to understand and use higher level mathematics. Topics include linear and quadratic equations and inequalities, function notation, combinations, translations and graphs of common functions. *Prerequisite: MAT 1001 or MAT 1002, minimum grade C.*

MAT 1011 Pre-Calculus **4 credits**

This course is an introduction to advanced algebraic techniques, functions and graphs which are essential in order to understand and use higher level mathematics in courses beginning with calculus. Topics include conic sections, rational, exponential, logarithmic, and trigonometric functions. *Prerequisite: MAT 1010, minimum grade C.*

MAT 1014 Elementary Statistics I**4 credits**

This course is designed for students who need an elementary knowledge of statistics. The basic ideas of descriptive statistical methods are considered, including frequency distribution, measures of location and variation. It also includes permutation, combination and rules of probability, together with well-known probability distributions such as binomial, poisson, geometric, hyper geometric and multinomial.

Prerequisite: MAT 1010 or higher, minimum grade C

MAT 1015 Foundations of Data Science**4 credits**

This course will teach the foundations of data science and data-driven research. It is designed to serve as an optional elective course for mathematics majors, minors, and other STEM, business, and social science majors who are interested in pursuing data-driven careers or graduate study programs. Students will acquire basic computational skills, basic knowledge of statistical analysis, error analysis, and the basics of machine learning. Students will also be familiarized with good practices for handling small and big data. After this class, students should be able to formulate a question, identify appropriate data to answer the question, prepare and analyze the data, extract knowledge and insights, make decisions and identify the confidence level of decisions. This course will be organized in a modular fashion, with labs and projects assigned to students for group work.

Prerequisite: MAT 1010, CSC 1051

MAT 1017 Finite Mathematics**4 credits**

This course is designed for students in the Social Sciences. The goal of the course is to give the student a working knowledge of the areas of mathematics that are most applicable to his or her particular discipline. Among the topics studied will be elementary matrix algebra, linear programming, logarithms, progressions, and the mathematics of finance. *Prerequisite:*

MAT 1010, minimum grade C

MAT 1020 Calculus for Life Science and Social Science Majors**4 credits**

This course studies differential and integral calculus with a focus on its applications to business and economics. Topics to be covered are increments and rates, limits, the derivative, rules of differentiation, logarithmic differentiation, methods of integration, and applications of the definite integral to business and economics.

Prerequisite: MAT 1011 or MAT 1017, minimum grade C

MAT 1021 Calculus I**4 credits**

This is the first course in the calculus sequence designed for students intending to major in mathematics, natural sciences, and engineering. The topics covered will include: the straight line, functions, plane analytic geometry, limits, continuity, derivatives of algebraic and trigonometric functions, with applications to velocity, rates, extreme curve plotting and optimization, differentials, Rolle's theorem, mean value theorem, and integration.

Prerequisite: MAT 1011, minimum grade C

MAT 1022 Calculus II**4 credits**

This is the second semester course in the calculus sequence designed for students intending to major in mathematics, natural sciences, and engineering. The topics covered will include the applications of integration of algebraic and trigonometric functions, differentiation and integration of logarithmic and exponential functions, integration techniques, length of a curve, areas of surfaces, inverse trigonometric and hyperbolic functions, improper integrals, L'Hopital's rule, and infinite series. *Prerequisite: MAT 1021, minimum grade C*

MAT 2011 College Geometry**4 credits**

This course is designed for prospective high school teachers of mathematics. After a quick review of introductory topics in Euclidean geometry, the course will cover advanced topics in Euclidean geometry, and basic topics in non-Euclidean geometry.

Prerequisites: MAT 1021, minimum grade C

MAT 2012 Mathematical Modeling**4 credits**

This course is an introduction to the development and study of mathematical models. It is designed in such a way that students from other disciplines will find it useful as a summary of modern mathematical methods, and mathematics majors will benefit from applications of mathematics to real life problems. Undergraduate students from the Natural and Social Sciences will find most of the material accessible because the prerequisite is basic calculus.

Prerequisite: MAT 1020 or MAT 1021, minimum grade C

MAT 2013 Discrete Mathematics**4 credits**

This course is designed as an elementary introduction to the discrete mathematical structures of computer science. Topics include sets, logic, Boolean algebra, combinatorics, graphs, trees, semigroups, groups, and examples of automata.

Prerequisite: MAT 1017 or higher, minimum grade C

MAT 2014 Linear Algebra**4 credits**

The following topics will be covered in this course: vector spaces, subspaces, bases, dimension, linear dependence and independence, linear transformations, matrices, matrix operations, rank equivalence relations, eigenvalues, eigenvectors. *Prerequisite: MAT 1022, minimum grade C*

MAT 2020 Set Theory and Logic**4 credits**

This course consists of the study of sets and equivalence classes, Boolean algebra, the role of axiomatics in the structure of mathematics, basic principles of logic involving rules of modus ponens, reduction and absurdum, propositional calculus, first order logic and the nature of mathematical proof. *Prerequisite: MAT 1021, minimum grade C*

MAT 2021 Calculus III**4 credits**

This course is a continuation of MAT 1022 including three dimensional Analytic Geometry, Partial derivatives, multiple integrals, Vector Calculus, and their applications. *Prerequisite: MAT 1022, minimum grade C*

MAT 2022 Differential Equations**4 credits**

Topics include solution methods and applications of first order differential equations, solution of higher order differential equations using the characteristic equation, the undetermined coefficients and variation of parameters methods, existence and uniqueness theorems for initial value problems, Laplace transforms, systems of linear differential equations. *Prerequisite: MAT 1022, minimum grade C. Corequisite: MAT 2021*

MAT 3010 Methods of Teaching Mathematics**4 credits**

This course is a study of strategies, techniques, materials, technology, and current research used in the teaching of mathematical concepts to high school students. Students will review the traditional and contemporary standards involved in teaching mathematics at the secondary school level; develop an awareness of the professional resources, materials, technology and information available for teachers; prepare unit and lesson plans with related assessment procedures on a variety of topics; and acquire teaching experience by taking part in individual tutoring, observation at a high school, and/or presenting lessons at the appropriate level.

MAT 3013 Numerical Methods**4 credits**

Modern computational algorithms for the numerical solution of a variety of applied mathematics problems are considered. Topics include numerical solution of polynomial and transcendental equations, acceleration of convergence, Lagrangian interpolation and least squares approximation, numerical differentiation and integration.

Prerequisites: MAT 1022 with minimum grade C, CSC 1058

MAT 3025 Modern Algebra I**4 credits**

The following topics will be covered in these courses: set theory, functions and mappings, permutations, theory of groups, rings and ideals, homomorphisms, integral domains, equivalence classes, residue classes, fields, modules. *Prerequisites: MAT 2021, minimum grade C*

MAT 3041 Mathematical Statistics I**4 credits**

This is a first course in a yearlong sequence designed for Mathematics majors. The topics include the algebra of sets, probability in finite sample spaces, random variables and probability functions, including the mean, variance, and joint probability functions, the binomial distribution, and applications. *Corequisite: MAT 2021*

MAT 3042 Mathematical Statistics II**4 credits**

This is the second course in a yearlong sequence designed for Mathematics majors. The topics include distribution of random variables, conditional probability and stochastic independence, special distributions including the t and F distributions, moment generating techniques, limiting distributions, and the central limit theorem. *Prerequisite: MAT 3041, minimum grade C*

MAT 4000 Topics in Mathematics I**4 credits**

This course will focus on involving students in current topics or current research interests in Mathematics

MAT 4021 Analysis I**4 credits**

This is the first semester in the one year sequence that is designed as a rigorous development of the fundamentals of analysis for mathematics majors. The following topics will be covered in this course: sets, sequences, limits, mean value theorems, definite integral, Taylor's theorem, improper integrals, set functions, infinite sets, uniform convergence, and power series. *Prerequisites: MAT 2021, minimum grade C*

MAT 4075 Seminar I**4 credits**

This is a one year course of selected topics, papers, projects and research in mathematics, requiring a written report and an oral presentation.

MAT 4095 Independent Study**1-4 credits**

Faulty supervised research

MAT 4099 Mathematics Internship**1-4 credits**

Music

Music (BA)

Mission Statement

The Mission of the Music Program is to provide students with a thorough academic experience in the various disciplines of music combined with applied performance skills in an instrument or voice. Students exiting the program will have the skills necessary for graduate study or employment

Entrance Requirements

Entering music majors are encouraged to begin the music major curriculum during their first semester at Lincoln University. In order to determine the entering student's performance proficiency and musical background, an audition and a placement exam are required before enrolling in music courses. Students who do not earn a satisfactory score on the Music Placement Examination are required to enroll in MUS 1005.

All music majors are required to audition before the music faculty on a solo instrument or voice. Appointments for auditions and other music tests may be made through the Department of Performing Arts. Auditioning students must bring their own music scores. An accompanist will be provided.

Students with deficiencies in performance and who are accepted by the Department on probation must enroll in developmental applied music in voice or instrumental music for a maximum of four semesters or until the minimum standards are reached for enrollment in Applied Music in voice or instrumental performance. This status may require the student to continue to study beyond the normal four-year period.

Before the end of the sophomore year, approval must be obtained in writing from the chair in order to continue in the major.

Graduation Requirements

The following are the requirements for Music leading to the Bachelor of Arts degree:

- Students must pass a Sophomore Review (third semester or equivalent for transfer students) of their music, repertoire and activities, according to the plan of study and concentration developed with the student's advisor. The chair and at least one other faculty member will evaluate student work. Students who do not pass the Sophomore Review may be directed to provisional remedies for a follow-up review, or directed to another major.
- Students must complete all courses required by the university and those required for Music, applicable to the specifications in the catalog during the first year of enrollment.
- Students must maintain a minimum grade set by the university in all courses in the major (catalog).

- Students must submit a writing portfolio in accordance with university and department requirements (developed through the course of study).
- Students must prepare and present a Junior Recital and a Senior Recital.
- Students must demonstrate piano proficiency.

Language Requirement

The **Bachelor of Arts** degree requires **two years (four semesters)** of a foreign language.

Instrumental Track

General Education specific requirements:

Foreign Language: 1001 and 1002 level 8

General Education Total 52 credits

Music Core

MUS 1005 Music Theory I 4

MUS 1006 Music Theory II 4

MUS 1007 Piano I 1

MUS 1008 Piano II 1

MUS 2003 Music Literature and Styles I 4

MUS 2004 Music Literature and Styles II 4

MUS 2005 Advanced Theory III 4

MUS 2006 Advanced Theory IV 4

MUS 2019 Choral Conducting 1

MUS 3003 Music Literature and Styles III 4

MUS 3021 Arranging 4

MUS 4021 Form and Analysis 4

MUS 3090 Junior Recital 4

MUS 4090 Senior Recital 4

Total Music Core 39 credits

Lessons:

Eight semesters at one credit per semester of one of the following:

MUS 2K1 Piano Private Lessons 8

MUS 2K2 Organ Private Lessons 8

MUS 2P1 Percussion Private Lessons 8

MUS 2S1 Violin Private Lesson 8

MUS 2S2 Viola Private Lessons 8

MUS 2S3 Cello Private Lessons 8

MUS 2S4 Bass Private Lessons 8

MUS 2S5 Guitar Private Lessons 8

MUS 2W1 Flute Private Lessons 8

MUS 2W2 Clarinet Private Lessons 8

MUS 2W3 Saxophone Private Lessons 8

MUS 2W4 Trumpet Private Lessons 8

MUS 2W5 Trombone Private Lessons 8

MUS 2W6 Tuba Private Lessons	8
MUS 2W7 French Horn Lessons	8
Total Lessons	8 credits

Performance:

MUS 2020 Instrumental Conducting	2
MUS 2E7 Concert Band (4 semesters at 1 credit per semester)	4
MUS 2E9 Marching Band (4 semesters at 1 credit per semester)	4
MUS 2R1 Recital Seminar (Junior)	1
MUS 2R1 Recital Seminar (Senior)	1

Chamber Music:

MUS 2E3 Jazz Ensemble (4 semesters at 1 credit per semester)	4
MUS 2E4 String Ensemble (4 semesters at 1 credit per semester)	4
Total Performance & Chamber	16 credits

Select one group (1):

MUS 4007 and MUS 4008 Piano Pedagogy I & II	2
MUS 4011 and MUS 4012 Woodwind Pedagogy I & II	2
Total Instrumental Track	60 credits

General Education	52 credits
Major	60 credits
Language through 2002 level	8 credits
Electives	8 credits
Total required for BA degree	128 credits

Recommended Electives for Vocal and Instrumental Tracks*

MUS 3023 Jazz in American Culture	4
MUS 4022 Intro to Music Technology	4

*It is strongly suggested that students take both music courses as free electives, however, students will not be penalized for taking other electives that contribute to their overall evolution as knowledgeable undergraduate students from Lincoln University.

Music: Instrumental

First Semester			Second Semester		
Course	Title	Credits	Course	Title	Credits
MUS 1005	Music Theory I	4	MUS 1006	Music Theory II	4
MUS 2003	Music Literature & Styles I	4	MUS 2004	Music Literature & Styles II	4
ENG 1001	English Composition I	4	ENG 1002	English Composition II	4
	Applied Lessons	1		Applied Lessons	1
	Large Ensemble (Band/Choir)	1	MUS 1008	Piano II Class	1
MUS 1007	Piano I Class	1		Large Ensemble (choir/Band)	1
			MUS 2E3	Small Ensemble	1
	Total	15		Total	16
Third Semester			Fourth Semester		
Course	Title	Credits	Course	Title	Credits
	Humanities	4		Foreign Language or CSC	4
MUS 2005	Music Theory III	4	MUS 2006	Music Theory IV	4
MUS 3003	Music Literature & Styles III	4		Piano Class	1
MAT 1006	Math for Liberal Arts	4		Social Science	4
	Applied Lessons	1	MUS 4007	Instrumental Pedagogy	1
	Large Ensemble (Band/Choir)	1	MUS 2E3	Small Ensemble	1
	Piano Class	1		Large Ensemble	1
				Applied Lessons	1
	Total	19		Total	17
Fifth Semester			Sixth Semester		
Course	Title	Credits	Course	Title	Credits
MUS 4021	Form and Analysis	4		Humanities	4
	Physical Science Elective	4		Physical Science Elective	4
	Applied Lessons	1		Applied Lessons	1
	Foreign Language II or CSC	4		Large Ensemble (choir/Band)	1
	Large Ensemble (Band/Choir)	1		Music Composition	4
	Social Science Elective	4		Instrumental Conducting	1
MUS	Instrumental Pedagogy	1			
	Total	19		Total	15
Seventh Semester			Eighth Semester		
Course	Title	Credits	Course	Title	Credits
MUS 3090	Jr. Recital	1	MUS 4090	Sr. Recital	1
MUS 4022	Electronic Music	4	MUS 3021	Arranging	4
MUS 2019	Vocal Conducting	1		Physical Science Elective	4
	Large Ensemble (choir/Band)	1		Large Ensemble (Choir/Band)	1
	Humanities	4		Social Science Elective	4
	Applied Lessons	1		Applied Lessons	1
	Total	12		Total	15
Total Credits: 128					

Vocal Track

General Education specific requirements:

Foreign Language: 1001 and 1002 level	8
General Education Total	52 credits

Music Core

MUS 1005 Music Theory I	4
MUS 1006 Music Theory II	4
MUS 1007 Piano I	1
MUS 1008 Piano II	1
MUS 2003 Music Literature and Styles I	4
MUS 2004 Music Literature and Styles II	4
MUS 2005 Advanced Theory III	4
MUS 2006 Advanced Theory IV	4
MUS 2019 Choral Conducting	1
MUS 3003 Music Literature and Styles III	4
MUS 3021 Arranging	4
MUS 4021 Form and Analysis	4
MUS 3090 Junior Recital	4
MUS 4090 Senior Recital	4
Total Music Core	39 credits

Lessons: 8

Eight semesters at one credit per semester:

MUS 2V1 Voice Private Lessons	8
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Performance:

MUS 2026 Vocal Diction (Italian and English)	2
MUS 2027 Vocal Diction (French-German)	2
MUS 2E1 Concert Choir (8 semesters at 1 credit per semester)	8
MUS 2E2 Opera Workshop (3 semesters at 1 credit per semester)	3
MUS 4009 Vocal Pedagogy I	1
MUS 4010 Vocal Pedagogy II	1
Total Performance	17 credits
Total Vocal Track	64 credits

General Education	52 credits
Major	60 credits
Language through 2002 level	8 credits
Electives	8 credits
Total required for BA degree	128 credits

Music: Vocal

First Semester			Second Semester		
Course	Title	Credits	Course	Title	Credits
MUS 1005	Music Theory I	4	MUS 1006	Music Theory II	4
MUS 2003	Music Literature & Styles I	4	MUS 2004	Music Literature & Styles II	4
ENG 1001	English Composition I	4	ENG 1002	English Composition II	4
	Applied Lessons	1		Applied Lessons	1
	Large Ensemble (Band/Choir)	1	MUS 1008	Piano II Class	1
MUS 1007	Piano I Class	1		Large Ensemble (Choir/Band)	1
			MUS 2E2	Opera Workshop	1
	Total	15		Total	16
Third Semester			Fourth Semester		
Course	Title	Credits	Course	Title	Credits
	Humanities	4		Foreign Language or CSC	4
MUS 2005	Music Theory III	4	MUS 2006	Music Theory IV	4
MUS 3003	Music Literature & Styles III	4		Piano Class	1
MAT 1006	Math for Liberal Arts	4		Social Science	4
	Applied Lessons	1	MUS 4009	Vocal Pedagogy	1
	Large Ensemble (Band/Choir)	1	MUS 2E2	Opera Workshop	1
	Piano Class	1		Large Ensemble (Band/Choir)	1
				Applied Lessons	1
	Total	19		Total	17
Fifth Semester			Sixth Semester		
Course	Title	Credits	Course	Title	Credits
MUS 4021	Form and Analysis	4		Humanities	4
	Physical Science Elective	4		Physical Science Elective	4
	Applied Lessons	1		Applied Lessons	1
	Foreign Language II or CSC	4		Large Ensemble (Choir/Band)	1
	Large Ensemble (Band/Choir)	1		Music Composition	4
	Social Science Elective	4		Instrumental Conducting	1
MUS 4010	Vocal Pedagogy II	1	MUS 2E2	Opera Workshop	1
	Total	19		Total	16
Seventh Semester			Eighth Semester		
Course	Title	Credits	Course	Title	Credits
MUS 3090	Jr. Recital	1	MUS 4090	Sr. Recital	1
MUS 2026	Vocal Diction (Italian & English)	2		Vocal Diction (French & German)	2
MUS 2019	Vocal Conducting	1		Physical Science Elective	4
	Large Ensemble (choir/Band)	1		Large Ensemble (Choir/Band)	1
	Humanities	4	MUS 3021	Arranging	4
	Applied Lessons	1	MUS 2E2	Opera Workshop	1
	Social Science	4			
	Total	14		Total	13
Total Credits: 128					

Music Minor – For Non-Music Majors

Departmental approval is required for students wishing to achieve a documented Music minor. Interested students should schedule an appointment with the chair of the Department of Visual and Performing Arts to develop a plan of study regarding choice of courses and sequencing.

Music Minor Core

MUS 1005 Music Theory I	4
MUS 1006 Music Theory II	4
MUS 2003 Music Literature and Styles I	4
Total Core	12 credits

Concert: 3 semesters at 1 credit per semester of either:

MUS 2E1 Concert Choir	3
MUS 2E7 Concert Band	3

Private Lessons: 4 semesters at 1 credit per semester

MUS 2xx Vocal/Instrumental Private Lessons	4
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Ensemble: 4 semesters at 1 credit per semester of either:

MUS 2E2 Opera Workshop	4
MUS 2E3 Jazz Ensemble	4

Select one (1):

MUS 3023 Jazz in American Culture	4
MUS 4022 Intro to Music Technology	4

Total Music Minor

27 credits

Student Learning Outcomes for the Music Major

1. Students will demonstrate knowledge and development of physical coordination and technical skill required for specific musical activity (singing, instrumental performance and ensemble participation).
2. Students will demonstrate knowledge and skills necessary to prepare for performance independent of the applied music instructor.
3. Students will be able to articulate knowledge of applicable performance pedagogy including teaching methods and repertory.
4. Vocal majors will be able to sing in four languages: English, Italian, French and German.
5. Students will be able to discuss the elements of music, the historical eras of musical style, and the general characteristic forms of the historical eras.
6. Students will be able to demonstrate knowledge of essential form, harmony, and structure in traditional western music.

7. Students will develop musicianship to the highest possible level in areas of ensemble playing or singing through collaborative understanding and knowledge of literature through varied ensemble experience.

Music Course Descriptions

MUS 1005 Music Theory I **4 credits**

This course includes instruction and study of: scales, intervals, triads, and their inversions; non harmonic tones, dominant sevenths, and modulation. Melodic and harmonic study. Simple analysis of form.

MUS 1006 Music Theory II **4 credits**

This course includes instruction and study of: scales, intervals, triads, and their inversions; non harmonic tones, dominant sevenths, and modulation. Melodic and harmonic study. Simple analysis of form. *Prerequisite: MUS 1005*

MUS 1007 Piano I **1 credit**

This course consists of class instruction in piano.

MUS 1008 Piano II **1 credit**

This course consists of class instruction in piano.

MUS 1009 Vocal Instruction I **1 credit**

This course consists of Instruction in Voice.

MUS 1090 Special Topics **1-4 credits**

MUS 2000 Introduction to Music **4 credits**

Part of the course is devoted to a survey of the fundamentals of music. Major developments in the music of the Western world from the Middle Ages to our own time are traced, with special attention being given to the different styles of music developed in the United States.

MUS 2003 Music Literature and Styles I **4 credits**

This course is required of all music majors and open to others interested with consent of the instructor. It includes the study of music history and literature of the Medieval, Renaissance, Baroque and Classical Periods.

MUS 2004 Music Literature and Styles II **4 credits**

This course is required of all music majors and open to others interested with consent of the instructor. It includes the study of music history and literature of the Medieval, Renaissance, Baroque and Classical Periods.

MUS 2005 Advanced Theory III **4 credits**

This course includes the study of advanced harmony, chromatic alterations, modulations, analysis of masterworks and original compositions, problems in elementary counterpoint and keyboard harmony. *Prerequisite MUS 1006*

MUS 2006 Advanced Theory IV	4 credits
This course includes the study of advanced harmony, chromatic alterations, modulations, analysis of masterworks and original compositions, problems in elementary counterpoint and keyboard harmony. <i>Prerequisite: MUS 2005</i>	
MUS 2019 Choral Conducting	1-2 credits
This course emphasizes the study and practice of the techniques of conducting choral ensembles of varying styles with special attention to rehearsal and performance techniques.	
MUS 2020 Instrumental Conducting	2 credits
This course includes the study and practice of the techniques of conducting instrumental ensembles of varying styles with special attention to rehearsal and performance techniques. <i>Prerequisite: MUS 2019</i>	
MUS 2026 Vocal Diction (Italian and English)	2 credits
MUS 2027 Vocal Diction (French-German)	2 credits
<i>Prerequisite: MUS 2026</i>	
MUS 2E1 Concert Choir	1-3 credits
MUS 2E2 Opera Workshop	1-3 credits
MUS 2E3 Jazz Ensemble	1-3 credits
MUS 2E4 String Ensemble	1 credit
MUS 2E7 Concert Band	1-3 credits
MUS 2E9 Marching Band	1 credit
MUS 2K1 Piano Private Lessons	1-2 credits
MUS 2K2 Organ Private Lessons	1-2 credits
MUS 2P1 Percussion Private Lessons	1-2 credits
MUS 2R1 Recital Seminar	1-2 credits
MUS 2S1 Violin Private Lessons	1-2 credits
MUS 2S2 Viola Private Lessons	1-2 credits
MUS 2S3 Cello Private Lessons	1-2 credits

MUS 2S4 Bass Private Lessons **1-2 credits**

MUS 2S5 Guitar Private Lessons **1-2 credits**

MUS 2V1 Voice Private Lessons **1-2 credits**

MUS 2W1 Flute Private Lessons **1-2 credits**

MUS 2W2 Clarinet Private Lessons **1-2 credits**

MUS 2W3 Saxophone Private Lessons **1-2 credits**

MUS 2W4 Trumpet Private Lessons **1-2 credits**

MUS 2W5 Trombone Private Lessons **1-2 credits**

MUS 2W6 Tuba Private Lessons **1-2 credits**

MUS 2W7 French Horn Lessons **1-2 credits**

This course consists of individual French horn lessons. It is intended for students who are interested in developing into accomplished horn players. The focus is on fundamental skills and topics such as technique, music fundamentals, solo literature, and the study and performance of appropriate repertoire in the studio and in public.

MUS 3003 Music Literature and Styles III **4 credits**

This course provides a chronological survey of music from the Classical Period to the present day, with emphasis on musical style. *Prerequisites: ENG 1001, MUS 2004*

MUS 3021 Arranging **4 credits**

This course provides a study of the basic techniques in scoring for chorus, orchestra, band and ensembles. It covers: ranges and transposition of voices and instruments; idiomatic writing, score reading, and clef transposition. Computer literacy required.

MUS 3023 Jazz in American Culture **4 credits**

This course offers a comparative study of musical elements that comprise the individual style of jazz as it evolved from 1900 to the present. Open to all students. *Prerequisite: ENG 1001*

MUS 4007 Piano Pedagogy I **1 credit**

These courses involve the techniques, literature, and methodologies designed to prepare piano majors to teach piano in individual and class settings.

MUS 4008 Piano Pedagogy II **1 credit**

These courses involve the techniques, literature, and methodologies designed to prepare piano majors to teach piano in individual and class settings.

MUS 4009 Voice Pedagogy I

1 credit

This course focuses on the anatomy of the voice from the physiological perspective to the mechanics of breath control and vocal tone production.

MUS 4010 Vocal Pedagogy II

1-3 credits

This course is designed to teach Part II anatomy and physiology of the singing voice, give practical experience in teaching voice, and feedback on the vocal teaching experience.

MUS 4011 Woodwind Pedagogy I

1-3 credits

Woodwind Pedagogy I is a one semester course for woodwind performance instrumental majors to study the art of teaching. The course will focus on pedagogical concepts, history and an exploration and examination of significant study materials for woodwind instruments.

MUS 4012 Woodwind Pedagogy II

1-3 credits

Woodwind Pedagogy II is a one semester course for woodwind performance instrumental majors to study the art of teaching. The course will focus on pedagogical concepts, history and an exploration and examination of significant study materials for woodwind instruments.

MUS 4013 Brass Pedagogy I

1-3 credits

Brass Pedagogy I is one semester course for brass performance instrumental majors to study the art of teaching. The course will focus on pedagogical concepts, history and an exploration and examination of significant study materials for brass instruments.

MUS 4014 Brass Pedagogy II

1-3 credits

Brass Pedagogy II is a one semester course for brass performance instrumental majors to study the art of teaching. The course will focus on pedagogical concepts, history and an exploration and examination of significant study materials for brass instruments.

MUS 4021 Form and Analysis

4 credits

This course is a study of the compositional process as observed in selected examples of music literature, predominantly from the common practice period. Various analytical approaches are employed. Computer literacy required.

MUS 4022 Intro to Music Technology

4 credits

This course is a study of the creation, control synthesis and recording of sounds in various environments using traditional and contemporary techniques, including electrical and computer techniques.

Pan-Africana Studies

Pan-Africana Studies (BS, BA)

The Pan-Africana major is structured in such a way that it allows students that select it to double major, double minor, or select an array of electives outside of the major. It is the quintessential liberal arts major and encourages cross-disciplinary experiences that have increasingly become the choice of the 21st century scholar. Those Pan-Africana majors that are considering going into the professorate in Black Studies, Pan-African Studies, African Area Studies, or the like, are encouraged to take 18 Pan-Africana elective credits electives rather than the required 9 credits.

General Education Specific Requirements:

African American Experience: PAS 1001 Into to Pan-Africana	4
General Education Total	52 credit

Pan-Africana Studies: 52

PAS 1003 Survey of Blacks in Science	4
PAS 1092 Women of the Pan-African Movement I	4
PAS 2001 Theories of Pan-Africana Studies	4
PAS 2003 Pan-Afr Comm & Tech Innovations (Pending approval)	4
PAS 2005 History of Pan-Africanism through 1960	4
PAS 2006 Survey of Pan-African Agency Since 1961	4
PAS 3002 Black Power to Pan-Africanism	4
PAS 3008 Artistic Expressions of Pan-Africanism	4
PAS 3009 Comparative Ideologies of Pan-Africanism	4
PAS 3010 Characteristics of Pan-African Liberated Zones	4
PAS 3012 Pan-Africana Studies Research Intensive	4
PAS 4005 Research Topics in Pan-Africana Studies	4
PAS 4012 Pan-Africana Studies Senior Seminar II	4

Pan-Africana Electives: Select four (4): 16 credit

BLS 1004 Survey of Student Activism (Pending approval)	2
BLS 1006 Africans/Blacks and the Field of Medicine (PA)	2
BLS 1007 Take the Knee: We've Been Here Before (PA)	4
BLS 1008 Africans/Blacks and Astronomy (PA)	2
PAS 1081 The Ubuntu Philosophy: A Pan-African Concept (PA)	2
PAS 1090 Topics in Pan-Africana Studies	2
PAS 2008 Mixed Tape of the Pan-African Movement (PA)	2
PAS 2092 Women of the Pan-African Movement II	4
PAS 3001 Slave Rebellions to Black Power	4
PAS 3004 Nkrumah Era of Pan-Africanism (PA)	4
PAS 3005 Nile Valley Civilizations	4

PAS 4000 Blk Lives Matter (PA)	4
PAS 4006 African Freedom Fighters of Pennsylvania	4
PAS 4095 Pan-Africana Studies Independent Studies (PA)	1-4
Total Pan-Africana Studies Major	52 credits

Academic Enrichment:	4 credits
Study Abroad / Study Away	1-4
Research	1-2
Internship	1-2
Grant Writing	1-2

General Education	52 credits
Major	52 credits
Electives	16 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	48 credits
Language through 2002 level	8 credits
Electives	20 credits
Total required for BA degree	128 credits

(PA) Pending Approval

Pan-Africana Studies

First Semester		
Course	Title	Credits
PAS 1001	Intro to Pan-Africana Studies (R)	4
ENG 1001	English Composition I	4
	Gen Ed and/or Elective Course	4
	Gen Ed and/or Elective Course	4
	Total	16
Third Semester		
Course	Title	Credits
PAS 2001	Theories and Methods to Study the Pan-African Movement (R)	4
PAS 2003	Pan-Africana Communities and Technological Innovations	4
PAS 2005	Hist. of Pan-Africanism thru 1960(W)	4
PAS 2007	Mixed Tape of the Pan-African Movement (P)	4
	Total	16
Fifth Semester		
Course	Title	Credits
PAS 3001	Liberty to Black Power (P)	4
PAS 3008	Comparative Ideologies of Pan-African Political Organizations and Institutions (W)	4
PAS 3010	Characteristics of Pan-African Liberated Zones (W)	4
	Gen Ed and/or Elective Course	4
	Total	16
Seventh Semester		
Course	Title	Credits
PAS 4011	Pan-Africana Studies Senior Seminar I (W)	4
PAS 4005	Research Topics in Pan-Africana Studies (W)	4
	Gen Ed and/or Elective Course	4
	Gen Ed and/or Elective Course	4
	Total	16

Second Semester		
Course	Title	Credits
PAS 1003	Survey of Blacks in Science (R)	4
PAS 1092	Women of the Pan-African Movement I (R)	4
ENG 1002	English Composition II	4
PAS 1004	Survey of Student Activism in the Pan-African Movement (R)(P)	4
	Total	16
Fourth Semester		
Course	Title	Credits
PAS 1090	Topics in Pan-Africana Studies	2
PAS 2006	Survey of Pan-African Agency Since 1961 (P)	4
PAS 2092	Women of the Pan-African Movement II (R)	2
	Gen Ed and/or Elective Course	4
	Gen Ed and/or Elective Course	4
	Total	16
Sixth Semester		
Course	Title	Credits
PAS 3002	Black Power to Pan-Africanism (P)	4
PAS 3007	Artistic Expressions of Pan-Africanism (P)	2
PAS 4000	Black Lives Matter: Anti-Racist Social and Political Movements in the 21st Century (W)	2
	Gen Ed and/or Elective Course	4
	Gen Ed and/or Elective Course	4
	Total	16
Eighth Semester		
Course	Title	Credits
PAS 4012	Pan-Africana Studies Senior Seminar II (P)	4
	Gen Ed and/or Elective Course	4
	Gen Ed and/or Elective Course	4
	Gen Ed and/or Elective Course	4
	Total	16

Total Credits 128

R = Reading Intensive Gen Ed Course/W = Writing Intensive Gen Ed Course/P = Presentation Intensive Course

Black Studies Minor

Black Studies:	8
SOS 1051 African American Experience	4
PAS 1001 Introduction to Pan-Africana Studies	4
African-American History: Select one (1):	4
HIS 2005 African American History I Until 1861	4
HIS 2006 African American History II From 1861-1954	4
Select one (1):	4
POL 2005 African American Politics	4
PSY 2008 Black Psychology	4
ANT 2008 Political Anthropology of African Societies	4
Select two (2):	8
ANT 3021 Ethnography of West Africa	4
ARH 2076 African American Art History	4
BLS 4003 Ideologies of Black Liberation (Pending Approval)	4
COM 3022 African Americans and Media	4
ENG 3019 Survey of African American Literature	4
ENG 3020 Studies in African American Literature	4
ENG 3021 Contemporary African Literature	4
HIS 3007 History of Africa Until 1885	4
HIS 3008 History of Africa From 1885-1945	4
HIS 3017 African American History III since 1954	4
HIS 3018 Revolutionary Africa since 1945	4
PAS 1003 Blacks in Science	4
PAS 4005 Topics in Black Studies	4
POL 3004 Comparative African Politics	4
REL 3007 The African American Religion	4
REL 3010 Martin and Malcolm	4
Other classes at the discretion of the Black Studies Committee	
Total Black Studies Minor	24 credits

Pan-Africana Studies and Black Studies Course Descriptions

PAS 1001 Introduction to Pan-Africana Studies **4 credits**

This course is an introduction to the academic field of study often referred to as Africana Studies, Black Studies, and Pan-Africana Studies. The course also examines the precursor, Negro Studies. The historic social movements that inspired the field's development are examined. The course is designed to prepare the students that are interested in majoring or minoring in the field. This class is a general education social science option that fulfills the African American Experience.

PAS 1003 Blacks in Science **4 credits**

This is the first part of a series that focuses on STEM and Pan-Africana Studies. This course is an introductory survey course on the historical through present day contributions of African descendants to the areas of STEM and Medicine. The course includes a survey of famous Black Inventors. This class is a general education option that fulfills the African American Experience.

PAS 1090 Special Topics in Pan Africana Studies **4 credits**

This introductory course examines the journey of an African value system, the Ubuntu Philosophy. This concept, popular in Africa and throughout the world, highlights the cultural and linguistic unity of Africa and its peoples. Students will analyze the concept "I am because we are" and discuss the implications of Ubuntu on politics, economics, leadership, ethical decision-making and the future.

PAS 1092 Women of Pan-African Movement I **4 credits**

This survey course on Women of the Pan-African Movement explores the contributions of African/Black women that influenced the Pan-African Movement. This introductory course will trace hidden historical and contemporary Pan-African women to identify their contributions in the international Pan-African movement. By the end of this course students will be able to identify major themes, personalities and debates in the Pan-African movement using academic research skills.

PAS 2001 Theories of Pan-Africana Studies **4 credits**

This course is an introduction to the theories and methods to study the Pan-African movement. The course studies the evolution of Pan-Africana theories in comparison to auxiliary and complementary fields such as Black Studies, Africana Studies, African Studies, and Negro Studies. Other theories such as, but not limited to, Africana philosophy, Afro-Feminism, Afrocentricity, Consciencism, and Ubuntu are examined. The course is a precursor to the Pan-Africana Studies Senior Seminar capstone course that is required for all PAS majors.

PAS 2005 History of Pan-African Movement Thru 1960 **4 credits**

This course provides an Afrocentric historiography of the Pan-African movement for intentional African unity on a global scale from the formal inception of the Pan-Africanist movement through 1960. Individual and collective agents (organizations and institutions) are examined. Students will analyze the complex cultural trajectory from colonialism to

African resistance, and the Pan-African movement.

PAS 2006 Survey of Pan-African Agency Since 1961

4 credits

This global African empowerment course provides an Afrocentric historiography. It illuminates the Pan-African movement and the activists that made it possible from 1960 through the present day. Students will examine the role of Lincoln Legacy in the Pan-African Movement.

PAS 2092 Women of Pan-African Movement II

4 credits

This course is foregrounded on a historical and contemporary set of cutting-edge scholarship that focuses on the contribution so of Pan-African women to the global Pan-African movement. The course examines theories such as the social construction of gender, Afro-Feminism and African women's agency as pivotal to the contemporary debates on gender, women and global Pan-African movement. Students will interrogate the contributions of Pan-African women's institutions such as but not limited to the UNIA's women's organizations like the Black Cross Nurses, the All-African Women's Revolutionary Union, All-African Women's Conference in Ghana, etc. This seminar course seeks to transform students into agents in their education through a liberatory and transformative approach to knowledge production.

PAS 3001 Slave Rebellions to Black Power

4 credits

This course is a survey of the resilience and resistance of African peoples against systems of white supremacy such as slavery, confederacy, segregation and colonialism. It is an historical account of the several rebellions and revolutions of people of African descent in the new world and in Africa, from the 16th century to the 20th century. Emphasis is placed on the Quilombos, Maroons, the Haitian Revolution, the underground railroads and on the independence of the Gold Coast (Ghana) seen as an optimal expression of Black power. The course will also provide a comparative analysis of the experiences of Black capability, Sierra Leone, Liberia, Ethiopia and Ghana.

PAS 3002 Black Power to Pan-Africanism

1-4 credits

This Black Freedom Studies course provides the history of African nationalism from Ghana's Independence the (Black Power moment) to the Global Black Power movement through the development of Pan-African Movement in Africa and in the world. The course examines the significance of the independence of Ghana and the Civil Rights Movement in the explosion of Pan-African ideas and ideologies and that of the Black Power Consciousness.

PAS 3005 Nile Valley Civilization

1-4 credits

This course uncovers the African cultural roots of the ancient Nile Valley civilization. The course consists of contextual lectures using primary sources and secondary sources as evidence, digitized sources of information, and museum visits. Students will present oral and written reports. Class participants are introduced to ancient Egyptian culture through examining hieroglyphic language, Egyptian religions, scientific discoveries, and engineering

accomplishments.

PAS 3009 Comparative Ideologies of Pan-Africanism

4 credits

This course examines the literature and presentations of select Pan-African organizations and leaders to distinguish their philosophical principles, organizational structures, and strategic plans for achieving African political unity, economic independence, and empowerment of the African masses.

PAS 3010 Characteristics of Pan-African Liberated Zones

1-4 credits

This course identifies and evaluates the social, political, and economic policies of nation-states that attempted to achieve territorial liberation, African continental governance; and unity of African people on a global level. The constitutions, ruling party policies, and historical records of these entities are examined and critically compared. Nation-states to be examined include but are not limited to: Haiti, Ethiopia, Ghana (during the Nkrumah era), Guinea-Conakry, Tanzania, Libya, and Zimbabwe.

PAS 4005 Topics in Black Studies

4 credits

This course is a topical 'deep dive' class on department approved special topics that add value to the program and are in demand but are not yet in the PAS or BLS course offerings. Faculty and topics offered vary from semester to semester. Multiple sections and topics may be offered in any given semester.

PAS 4006 African Freedom Fighters of Pennsylvania

1-4 credits

This Black Freedom Studies course investigates war in Chester County, Pennsylvania, from 1850 to 1865. Students will explore historical events including African responses to: the Fugitive Slave Act of 1850, Christiana Resistance, Parker sisters' kidnappings, founding of Hinsonville and its response to African enslavement, creation of Ashmun Institute, Civil War, and Thirteenth Amendment.

PAS 4011 Pan-Africana Senior Seminar I

4 credits

This Pan-Africana Studies research course prepares PAS majors for intense investigation and planned presentations of post-graduate opportunities. Senior papers are drafted, evaluated, and finished and graded according to the PAS capstone rubric.

PAS 4012 Pan-Africana Studies Capstone Course

4 credits

This second part of the Pan-Africana Studies (PAS) senior seminar series is a practicum that assists PAS majors to produce capstone papers and presentations. The undergraduate terminal paper and presentations serve as academic products that critically summarize each student's knowledge obtained through her or his matriculation as a PAS major.

PAS 4095 Independent Study

1-4 credits

Faculty supervised research

SOS 1051 African American Experience**4 credits**

This introductory course provides students an overview of the experiences of African Americans from African origins to the present using diverse approaches and multidisciplinary perspectives. Students gain an understanding of the contributions of African Americans to the development of the United States, and the current issues facing African Americans communities.

Political Science

Political Science (BS, BA)

The Discipline of Politics or Political Science is both ancient and modern at the same time. It is the struggle for power, a phenomenon so vital to society that Aristotle declared: "Politics is the master science upon which all of civilization depends" (3rd C. BCE).

The Mission of the Political Science Program

The mission of the Political Science program is to prepare students for careers and advanced training in politics, law, public administration, and related fields. In that regard, the department provides students with instruction related to both American and international politics and institutions, as well as, the phenomena that affect them. Graduates of the program will be able to apply their knowledge as they become active citizens and leaders. To these ends, the political science department will:

1. Provide broad training across Political Science subfields so as to give the student enough perspective to choose and succeed in graduate and professional schools or career options that best suit him or her.
2. Prepare the student to be competent in analyzing political phenomena both in writing and orally.
3. Prepare the student to conduct empirical research.

General Education Specific Requirements:

Social Science: POL 1001 American National Government 4

General Education Total 52 credits

Political Science: 44

POL 1002 Intro to Political Science 4

POL 2002 Comparative Politics I 4

POL 2004 Introduction to International Relations 4

POL 2005 African American Politics 4

POL 3000 Political Theory I 4

POL 3001 Political Theory II 4

POL 3003 Comparative Politics II 4

POL 3004 Comparative African Politics 4

POL 4001 Supreme Court and Constitutional Law 4

POL 4080 Intro Research Methods 4

POL 4082 Senior Seminar 4

One course from POL (POL 3011 Public Administration preferred) 4

Select one (1): 4

POL 3013 Introduction to Public Policy 4

POL 4090 Political Science Internship 4

Total Political Science Major 48 credits

General Education	52 credits
Major	48 credits
Electives	28 credits
Total required for BS degree	128 credits

General Education	52 credits
Major	48 credits
Language through 2002 level	8 credits
Electives	20 credits
Total required for BA degree	128 credits

Political Science

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Math 1006 or 1006A	4
POL 1001	American Government	4
	Humanities W/ AAE emphasis	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
POL 1002	Intro to Political Science	4
	Natural Science w/ Lab	4
	Social Science	4
	Total	16

Third Semester		
Course	Title	Credits
POL 2002	Comparative Politics I	4
POL 2005	African American Politics	4
	CSC or Language	4
	Natural Science w/ Lab or MAT	4
	Total	16

Fourth Semester		
Course	Title	Credits
POL 2004	International Relations	4
POL 3003	Comparative Politics II	4
	CSC or Language	4
	Humanities	4
	Total	16

Fifth Semester		
Course	Title	Credits
POL 3000	Political Theory I	4
	POL 3013 OR POL 4090	4
	Natural Science w/ Lab or MAT	4
	Humanities	4
	Total	16

Sixth Semester		
Course	Title	Credits
POL 3001	Political theory II	4
POL 3004	Comparative African Politics	4
	Political science Elective	4
	Humanities	4
	Total	16

Seventh Semester		
Course	Title	Credits
POL 4001	Supreme Court & Const. Law	4
POL 4080	Intro to Research Methods	4
	Elective or Pre-law or IR	4
	Elective or Pre-law or IR	4
	Total	16

Eighth Semester		
Course	Title	Credits
POL 4082	Senior Seminar	4
	Elective or Pre-law or IR	4
	Elective or Pre-law or IR	4
	Elective or Pre-law or IR	4
	Total	16

Total credits: 128

Note: *Sequence prioritizes major courses; however, *electives* and *general education* courses can be taken in variable semesters provided all credit requirements are fulfilled before graduation.

****Courses and credits vary**

Political Science Minor

Required:	20
POL 1001 American National Government	4
POL 1002 Intro to Political Science	4
POL 2002 Comparative Politics I	4
POL 2004 Introduction to International Relations	4
POL 4001 Supreme Court and Constitutional Law	4
Select one (1):	4
POL 3000 Political Theory I	4
POL 3001 Political Theory II	4
Total Political Science Minor	24 credits

International Relations Minor

Required:	
POL 2002 Comparative Politics I	4
POL 2004 Introduction to International Relations	4
POL 3003 Comparative Politics II	4
POL 3004 Comparative African Politics	4
POL 3060 International Political Economy	4
POL 4060 Workshop in International Affairs	4
Total International Relations Minor	24 credits

Pre-Law Certificate

Required:	12
PHL 2017 Critical Reasoning	4
POL 3010 Race and American Law	4
ENG 3014 Legal Analysis and Writing	4
Select one (1):	4
POL 2006 The Legal System	4
POL 4000 Legal Problem Solving and Skills Development	4
POL 4001 Supreme Court and Constitutional Law	4
CRJ 3001 Law and Society	4
PHL 3003 Legal Philosophy	4
BUS 3034 Business Law	4
COM 4004 Mass Media Law and Ethics	4
Total Pre-Law Certificate	16 credits

Other Program Requirements: All Pre-Law students are required to join and demonstrate active participation in the university's Thurgood Marshall Society.

Political Science Course Descriptions

POL 1001 American National Government

4 credits

This course studies the organization and operation of the national government from the standpoint of constitutional principles, structures and functions, programs and policies.

POL 1002 Intro to Political Science

4 credits

This course is designed to be an Introduction to Political Science, and its subfields. The course is an introduction to the basic elements and principles of governments of the world. Selected political ideologies are examined and compared. Students will learn about the basic concepts, issues, and questions of Political Science. Students will also be introduced to the five (5) subfields of Political Science: Political Philosophy, American Government, International Relations, Comparative Politics, and Public Administration.

POL 2000 Politics in the World Systems

4 credits

This course traces the history of the evolution of the world system, its basic properties and characteristics, and the dynamics of the relationships between the advanced industrialized countries of Africa, Asia, and Latin America. The non-western perspective is explored, and emphasis is placed on geography and current international issues. *Prerequisite: POL 1001*

POL 2001 State and Local Government

4 credits

This course studies the organization, powers, functions and methods of formal government at the state and local levels. The class is designed to acquaint students with the major features and theories of state and local administration, with an emphasis on the intergovernmental context in which these governments function. The course will rely on political, legal and fiscal perspectives to illustrate current management issues and the context of management in a multi- governmental system. These perspectives will be used to explore management issues in federal, state, municipal, county, and other forms of sub-federal governments.

POL 2002 Comparative Politics I

4 credits

This course examines the nature of the various institutions, structures, processes, and issues involved in the politics and society of developed countries and regions such as Japan, South Korea, Canada, the United States and Western Europe. *Prerequisite: POL 1001*

POL 2004 Introduction to International Relations

4 credits

This course studies the relationships among nation states, the operation of international organizations, international law, and transnational forces. *Prerequisite: POL 1001*

POL 2005 African American Politics

4 credits

This course studies the political history of African Americans. Techniques of political mobilization and organization are analyzed through the study of mass movements, political parties, and establish interest groups. *Prerequisite: POL 1001*

POL 2006 The Legal System

4 credits

This course introduces the student to the American legal system and process. Criminal, civil, and juvenile systems will be studied and compared. *Prerequisite: POL 1001*

POL 3000 Political Theory I

4 credits

The purpose of this course is: 1) to familiarize the student with the seminal literature and concepts of Western political philosophy; 2) to understand the continuity and innovation which characterize the Western tradition as well as its relevance to contemporary political problems; 3) to raise the consciousness of the student regarding the complexity of political realities and political thinking; and 4) to help the student to think more critically about his or her personal identity within politics. The course is organized around the study of classical political philosophy and covers the works of political thinkers from Plato to Machiavelli.

Prerequisite: POL 1001

POL 3001 Political Theory II

4 credits

Whereas the first part of Political Theory was devoted to the study of classical political philosophy, the second part will focus explicitly on the nature and evolution of modern political theory. Political philosophers and theorists discussed in this course include, among others, Hobbes, Locke, Rousseau, Hegel, and Marx. The following themes will provide the analytical foundation of the course: political obligation, freedom, liberty, equality, alienation, democracy, socialism, and the relationship between society and the individual.

Prerequisite: POL 1001

POL 3003 Comparative Politics II

4 credits

This course will expose the students to an analysis of communist political systems, and political change and development in developing regions such as Africa, Latin American, south Asia, and Eastern Europe. *Prerequisite: POL 1001*

POL 3004 Comparative African Politics

4 credits

This course covers the comparative politics of selected states in East, West, and Southern Africa. Institutions and political processes are analyzed with attention to emerging relations among African states, the political economics of different African countries and their integration into the world system. *Prerequisite: POL 1001*

POL 3010 Race and American Law

4 credits

This course will peel back the symbolic veneer of a blind goddess dispensing justice under immutable principles of law. Race will be the independent variable providing the lens through which we will view America's legal institutions and the practices compelled by these institutions. *Prerequisite: POL 1001*

POL 3011 Public Administration

4 credits

Public Administration is the study of the formulation and implementation of public policy. It includes the principles and practice of administration in government and public service organizations. Modern theories of public administration and public policy are applied to the study of bureaucracies, public budgeting, and management. *Prerequisite: POL 1001*

POL 3013 Introduction to Public Policy**4 credits**

The course introduces the student to the field of Public Policy. It begins with the analysis of the politics of public policy. Such an analysis examines the actors, institutions, processes, values and policy programs of government and politics. *Prerequisite: POL 1001*

POL 3014 Urban Politics**4 credits**

Urban Politics is the study of political behavior in the urban environment. The political cultures and political structures of various cities are analyzed with a view to determining how decisions and actions are made to deal with urban crises, and with the routing problem of delivering essential services. The impact of social and economic forces on the delivery of essential services is assessed. *Prerequisite: POL 1001*

POL 3060 International Political Economy**4 credits**

This course will provide students with a theoretical and empirical understanding of the general dynamics and the institutional features of the global political economy. Critical issues, such as the relative decline of the U.S., the role of Japan and China in the world economy, European economic integration, international capital flows, economic development in developing regions, trade, transnational corporations, international debt, and restructuring will be discussed in depth. *Prerequisite: POL 1001*

POL 4000 Legal Problem Solving and Skills Development**4 credits**

This course consists of lectures, classroom student exercises, and regular tests in areas related to the American legal system. Concepts such as stare desist and judicial review, as well as the role of precedent and the principle of judicial abstention will be reviewed and evaluated. Each class will begin with a quiz using an LSAT type question, which will be discussed by the class before the end of the hour. *Prerequisite: POL 1001*

POL 4001 Supreme Court and Constitutional Law**4 credits**

This course reviews 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: POL 1001*

POL 4060 Workshop in International Affairs**4 credits**

This course enhances the knowledge of foreign policy analysis, international negotiations and decision making through analysis of selected case studies covering different areas of the world and different aspects of international affairs and the use of simulation games. *Prerequisite: POL 1001*

POL 4080 Intro Research Methods**4 credits**

This course provides an overview of the basic research methods used in political science. Various approaches to research design, data analysis, and hypothesis testing will be covered during the course. *Prerequisite: POL 1001*

POL 4082 Senior Seminar**4 credits**

All majors in the department are required to write a senior research paper under the direction of a faculty member. Topics must be related to one or more of the different areas in the field of political science. *Prerequisite: POL 4080*

POL 4090 Political Science Internship**4 credits****POL 4095 Independent Study****1-4 credits**

Faculty supervised research

Psychology and Human Services

Psychology (BS, BA)

The Department is committed to providing the best foundation possible to aid students in meeting career and graduate school objectives and also ensuring the safety of consumers. We seek to remain abreast of theories, research, strategies, technologies, and ethical considerations that emerge within the discipline and to pass this knowledge on to our student. Of particular interest, to department members, is encouraging our students to respect the research enterprise necessary for safeguarding the communities of persons whose racial and ethnic identities are different from those upon which the practicing discipline of psychology was built upon. Learning the limits and applicability of psychometric instruments, diagnostics, and cultural responsiveness lays a foundation for our students to creatively address the needs of those with whom they share a lived experience and hopes for the future.

Psychology National Honor Society

Psi Chi, the National Honor Society in Psychology, established a chapter at Lincoln University in 1981. Minimum requirements for nomination are an overall GPA of 3.0, a Psychology Department GPA of 3.0 and twelve (12) credit hours in Psychology

General Education specific requirement:

Social Science: PSY 1001 General Psychology	3
Mathematics: MAT 1010 College Algebra w/Lab or higher	4
General Education Total	52 credits

Psychology:	36
PSY 2006 Lifespan Developmental Psychology	4
PSY 2008 Black Psychology	4
PSY 2014 Abnormal Psychology	4
PSY 3001 Social Psychology	4
PSY 3006 Psychobiology	4
PSY 3012 Statistics I	4
PSY 3013 Statistics II	4
PSY 3018 Cognitive Psychology	4
PSY 3019 Research Design & Analysis	4
PSY 3024 History and Systems Psychology	4
PSY 4003 Senior Seminar I	4
PSY 4004 Senior Seminar II	4

Psychology Electives: Select two (2):	8
Select two (2) additional PSY courses	8

Ethics: Select one (1):	4
PHL 2007 Biomedical Ethics	4
PHL 2015 Ethics	4
Total Psychology Major	48 credits
General Education	52 credits
Major	48 credits
Electives	28 credits
Total required for BS degree	128 credits
General Education	52 credits
Major	48 credits
Language through 2002 level	8 credits
Electives	20 credits
Total required for BA degree	128 credits

Psychology

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
	Natural Science	4
MAT 1001	Math	4
PSY 1001	General Psychology/Social Science	4
Total		16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
MAT 1010	College Algebra	4
PSY 2013	Experimental Psychology	4
	Natural Science	4
Total		16

Third Semester		
Course	Title	Credits
PSY 3012	Statistics I	4
	CSC or Foreign Language	4
	PSY 2000 Level Course	4
	Humanities	4
Total		16

Fourth Semester		
Course	Title	Credits
PSY 3013	Statistics II	4
	CSC or Foreign Language	4
PSY 3014	Statistical Programming (P)	4
	Social Science	4
Total		16

Fifth Semester		
Course	Title	Credits
PSY 3019	Research Design & Development (P)	4
	Humanities	4
	PSY 2000 Level Course	4
	Social Science	4
Total		16

Sixth Semester		
Course	Title	Credits
	PSY 2000 Level Course	4
PSY 3020	Contemporary Issues in PSY (P)	4
	Humanities	4
	PSY 3000 Level Course	4
Total		16

Seventh Semester		
Course	Title	Credits
PSY 4002	Senior Seminar I	4
	PSY 3000 Level Course	4
	General Elective	4
	General Elective	4
Total		16

Eighth Semester		
Course	Title	Credits
PSY 4003	Senior Seminar II	4
	General Elective	4
	General Elective	4
	General Elective	4
Total		16

Total Credits: 128

Psychology Minor

The Psychology minor is designed to provide students from other disciplines with a practical basis for understanding human emotions, cognition and behavior. The Psychology minor requires a total of 15 credit hours.

The following is required in fulfillment of the minor:

PSY 1001 General Psychology	4
PSY 3024 History and Systems Psychology	4
Three (3) additional Psychology courses	12
Total Psychology Minor	20 credits

Psychology Course Descriptions

PSY 1001 General Psychology **4 credits**

A study of the basic subject matter of psychology and its approaches to gathering information. This course also explores the ways in which psychological knowledge can be applied to improving the quality of life for individuals, communities, and societies.

PSY 2006 Lifespan Developmental Psychology **4 credits**

This course is a study of the cognitive, emotional, social and physiological development of humans from infancy to adolescence. It provides an understanding of the research findings related to child and adolescent development and to the concepts, methodologies, and basic terminology utilized to study psychological development. *Prerequisite: PSY 1001*

PSY 2007 Human Sexuality **4 credits**

This course is an examination of the factors related to the development of human sexual behavior, generally observed patterns of human sexuality, and current methods of research. *Prerequisite: PSY 1001*

PSY 2008 Black Psychology **4 credits**

This course is an examination of the behavior, attitudes, life styles, and cultural heritage of Black Americans. It course provides students with past and current theory and research on the psychology of Blacks, and is organized around the premise that there is a distinctive, coherent Black American perspective that is evident in the behavior, attitudes, feelings, life styles, and expressive patterns of Black Americans. *Prerequisite: PSY 1001*

PSY 2009 Multicultural Psychology **4 credits**

This course provides an introduction to the theories, research and applications that bear on the unique experiences or world views of African, Asian, Latino, and Native American people from a perspective which is guided by the needs of members of these groups. This cultural centered approach explores the study of the various psychologies represented by the respective groups. The course examines some of the theoretical, methodological, and empirical studies of reference for the future counselor. *Prerequisite: PSY 1001*

PSY 2014 Abnormal Psychology**4 credits**

This course provides a comprehensive survey of the factors related to the development of abnormal behavior, the generally recognized patterns of abnormal behavior, and current practices with regard to assessment, treatment, and prevention of abnormal behavior.

Prerequisite: PSY 1001

PSY 3001 Social Psychology**4 credits**

This course provides an examination of how a person or group can influence the behavior of an individual. Topics include intrapersonal processes the self, social cognition, attributions, attitudes, and attraction and interpersonal processes helping behavior, conflict, social influence, group processes and the environment. *Prerequisite: PSY 1001*

PSY 3002 Group Dynamics**4 credits**

This course is an investigation of the interactions that occur within a group and will explore the way each person's behavior is influenced by and influences others in a group and how the structure of the group was developed, and how decisions are arrived at in a group situation. *Prerequisite: PSY 1001*

PSY 3006 Psychobiology**4 credits**

This course is a study of the relationship between psychological processes and physiological activity. It reviews neurological and biochemical bases of behavior with emphasis upon the synergistic functions of the nervous system, sense organs, and glandular system.

Prerequisite: PSY 1001

PSY 3008 Applied Social Psychology**4 credits**

Social Psychology is the scientific discipline that attempts to understand and explain how the thoughts, feelings, and behaviors of individuals are influenced by the actual, imagined, or implied presence of others. This course is designed to emphasize social psychological phenomena from the applied perspective and to emphasize the practice and profession of program evaluation. The relevance of ethical considerations and cultural relativism are examined with respect to the utility of programs initiated to address contemporary societal problems. *Prerequisite: PSY 1001*

PSY 3011 Psychology of Learning**4 credits**

This course familiarizes the student with psychological theories that deal with human learning and behavior. Students also shall be exposed to studies pertaining to animal learning in that such studies are inextricably linked with the development of theories of human learning. The learning theories will be presented in such a way as to aid the student in distinguishing the major classifications of schools of thought. Emphasis will be placed on the application and evaluation of the theories. New approaches that challenge long standing assumptions are to be discussed. *Prerequisite: PSY 1001*

PSY 3012 Statistics I**4 credits**

This is a comprehensive introduction to basic statistical methods within the context of behavioral research and experimental design. Topics include frequency distribution, central tendency, variability, z scores, correlation, regression, probability, and distribution of sample means. An emphasis on computer assisted techniques for conducting psychosocial and bio behavioral investigations, including data analysis, is accomplished by the use of languages such as SPSS UNIX, SPSS PC+, and SPSS for Windows. *Prerequisite: MAT 1010 or Higher.*

PSY 3013 Statistics II**4 credits**

This course provides a comprehensive introduction to basic statistical methods within the context of behavioral research and experimental design. It includes hypothesis testing, t statistics, multiple comparisons, analysis of variance, chi square, and other nonparametric tests, with an emphasis on computer assisted techniques for conducting psychosocial and bio behavioral investigations, including data analysis, is accomplished by the use of languages such as SPSS UNIX, SPSS PC+, and SPSS for Windows. *Prerequisite: PSY 3012.*

PSY 3015 Theories of Personality**4 credits**

This course provides a comprehensive study of the theories and major research issues in the study of personality. *Prerequisite: PSY 1001*

PSY 3016 Psychological Assessment**4 credits**

This course provides a comprehensive introduction to the major concepts involved in the assessment of personality, the various methods used in personality assessment, professional issues related to the assessment of personality, and the current status of personality assessment. *Prerequisite: PSY 1001*

PSY 3017 Psychotherapy**4 credits**

This course provides a comprehensive introduction to the theoretical models that guide the work of psychotherapists, the major factors involved in the practice of psychotherapy, and the important research issues related to the practice of psychotherapy. *Prerequisite: PSY 1001*

PSY 3018 Cognitive Psychology**4 credits**

This course is an examination of human mental processes and how these processes control behavior. This course provides students with theory, concepts, and methodologies used to understand the mind, and it demonstrates how cognition can be applied to life experiences and problems. *Prerequisite: PSY 1001*

PSY 3019 Research Design & Analysis**4 credits**

This course is an exploration of the analysis and quantitative methods in psychology. It introduces students to modern interpretations and uses of the classical psychophysical methods and to experimental design and the use of statistical methods to ensure the validity and reliability of various methods. *Corequisite or Prerequisite: PSY 3012*

PSY 3021 Psychology of Addictions**4 credits**

This course is intended to explore the critical issues related to substance abuse; the impact of substance abuse upon society and human behavior. This course will also explore one's own attitudes toward drugs, addiction and the addicted. Addiction theory, treatment methods, prevention efforts and governmental policy issues are discussed. *Prerequisite: PSY 1001*

PSY 3024 History and Systems Psychology**4 credits**

This course is an exploration of the basic issues in psychology within the context of a historic perspective and critical analysis of the major schools of thought in psychology. It serves to prepare students for advanced research courses in the Department i.e., Psychobiology, Research Design & Analysis, Senior Seminar, and Independent Research. *Prerequisite: PSY 1001*

PSY 3090 Special Topics**4 credits****PSY 4003 Senior Seminar I****4 credits**

This course provides the student with the opportunity to develop an original proposal of the research topic to be conducted in Senior Seminar II 41W. The student is expected to use procedures based on the scientific method for a) developing a research topic, b) developing a research design, c) preparing and submitting a written research proposal at the end of the semester, and d) presenting an oral report to the Psychology faculty.

Prerequisite: PSY 1001. Corequisite or Prerequisite: PSY 3019

PSY 4004 Senior Seminar II**4 credits**

This course provides the student with the opportunity to conduct an original investigation of a research topic proposed in Senior Seminar I. The student is expected to use procedures based on the scientific method for a) collecting data, b) analyzing data statistically, c) preparing a written report, and d) presenting the report orally to the Psychology faculty.

Prerequisite: PSY 4003

PSY 4095 Independent Study**1-4 credits**

Faculty supervised research

Human Services (BS, BA)

The Human Services major is designed to provide course work and practical experience for students interested in social work related careers. In addition to the core curriculum, students will participate in learning opportunities that facilitate critical thinking and analysis of various social issues and problems faced by individuals and groups living in a diverse society. Students will gain an understanding and examine the impact of politics, government, and the legislative processes on society. The required field placement internship provides opportunities for students to engage in the organized and practical experience of helping others. Students will complete internships in various social service areas such as community outreach, counseling, prevention, child welfare, and criminal justice.

General Education specific requirement:

Social Science: PSY 1001 General Psychology	4
Social Science: SOC 1001 Introduction to Sociology	4
Math: MAT 1006 Math for Liberal Arts or higher	4
General Education Total	52 credits

Human Services: 24

HUS 2043 Introduction to Human Services and Social Policy	4
HUS 2045 Human Growth and Development	4
HUS 3007 Human Services Methods	4
HUS 3012 Statistics	4
HUS 3019 Research Design & Analysis	4
HUS 4041 Field Placement	4

Sociological Theory: 4

SOC 3018 Sociological Theory	4
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Psychology/Human Services Electives: Select two (2): 8

Select two (2) additional PSY or HUS courses	8
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Sociology: Select one (1): 4

ANT 2001 General Anthropology	4
SOC 2009 Institutional Racism	4

Health: Select one (1): 4

HSC 1060 Community Health and Aging	4
PSY 3021 Psychology of Addiction	4

Ethics: Select one (1): 4

PHL 1011 Everyday Ethics	4
PHL 2015 Ethics	4
PHL 2016 Contemporary Moral Problems	4

Total Human Services Major	44 credits
General Education	52 credits
Major	48 credits
Electives	28 credits
Total required for BS degree	128 credits
General Education	52 credits
Major	48 credits
Language through 2002 level	8 credits
Electives	20 credits
Total required for BA degree	128 credits

Human Services

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
MAT 1006	Math for Liberal Arts	4
SOS 1051	Afr American Experience	4
	Natural Science	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
SOC 1001	Introduction to Sociology	4
	Humanities	4
	Natural Science w/Lab	4
	Total	16

Third Semester		
Course	Title	Credits
HUS 2043	Intro to Human Services and Social Policy	4
	ANT 2001 or SOC 2009	4
	CSC or Language	4
	Elective	4
	Total	16

Fourth Semester		
Course	Title	Credits
PSY 1001	General Psychology	4
	Humanities	4
	CSC or Language	4
	Elective	4
	Total	16

Fifth Semester		
Course	Title	Credits
HUS 3007	Human Service Methods	4
PHL 1011	Everyday Ethics	4
	HUS Elective	4
	Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
HUS 2045	Human Growth and Development	4
HUS 3012	Statistic I	4
	PSY 3021 or HSC 1060	4
	Department Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
HUS 3019	Research Design & Analysis	4
SOC 3018	Sociological Theory	4
	Department Elective	4
	Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
HUS 4041	Human Service Capstone	4
	Elective	4
	Elective	4
	Elective	4
	Total	16

Total Credits 128

Human Services Minor

Required:

PSY 1001 General Psychology

HUS 2043 Introduction to Human Services

8

4

4

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Select three (3):	12
Three (3) additional Human Services courses	12
Total Human Services Minor	20 credits

Human Services Course Descriptions

HUS 2002 Social Psych of Group Behavior **4 credit**

This course studies the major theoretical and methodological contributions of social psychology. The course will focus on developing the student's ability to choose among order to gain practical research experience. *Prerequisite: PSY 1001 or SOC 1001*

HUS 2043 Introduction to Human Services and Social Policy **4 credits**

This course provides an introduction to a variety of human services and professions including health, mental health, corrections, rehabilitation, gerontology, and social welfare. A historical survey of human services is provided along with an overview of theoretical perspectives. The basic methods associated with the delivery of human services will also be addressed. *Prerequisite: PSY 1001 or SOC 1001*

HUS 2045 Human Growth and Development **4 credits**

This course is a study of human physical, mental, social, emotional and moral growth from the prenatal period to later adult years. The emphasis will be on life span development focusing on areas that students will need to be aware of as human service practitioners. *Prerequisite: PSY 1001 or HUS 2043*

HUS 3007 Human Services Methods **3 credits**

This course covers methods of intervention for working with individuals as well as families. Methods of interviewing, individual and family casework, crisis intervention and long range planning will all be covered. *Prerequisite: HUS 2043*

HUS 3012 Statistics **4 credits**

This is a comprehensive introduction to basic statistical methods within the context of behavioral research and experimental design. Topics include frequency distribution, central tendency, variability, z scores, correlation, regression, probability, and distribution of sample means. An emphasis on computer assisted techniques for conducting psychosocial and bio behavioral investigations, including data analysis, is accomplished by the use of languages such as SPSS UNIX, SPSS PC+, and SPSS for Windows. *Prerequisite: MAT 1006 or Higher.*

HUS 3019 Research Design and Analysis **4 credits**

This course is an exploration of the analysis and quantitative methods in psychology. It introduces students to modern interpretations and uses of the classical psychophysical methods and to experimental design and the use of statistical methods to ensure the validity and reliability of various methods. *Corequisite or Prerequisite: HUS 3012*

HUS 3025 Social Gerontology **4 credits**

This course studies the role of the aged in our society, the provision of services and assistance to the aged, the rise of senior citizen power as seen in health and housing and social program development by federal, state and local governmental and private organizations. As well, the problems of the aged and methods of approaches to meeting the problems of aging in our society will be studied. *Prerequisite: HUS 2043*

HUS 3027 Child Welfare Services

4 credits

This course will be concerned with the human growth and development of the child in our society. It will be concerned with the delivery and administration of social services for children. The position of the Federal government and that of the states will be explored as to the protection of and care for children in our society. *Prerequisite: HUS 2043*

HUS 3090 Special Topics

4 credits

HUS 4023 Technical Skills in Human Service

4 credits

This class provides computer-assisted and teacher-directed writing practice. In a laboratory setting, students will review and refine their grammar and organizational skills, while learning word processing and multi-media applications as tools for producing effective professional writing.

HUS 4041 Human Services Capstone

4 credits

This course requires the placement of the student in a social agency or community project under supervision. It is an internship in which the theoretical aspects of working with people are put into practice. Assignments will be adjusted to fit the student and to facilitate growth in direct practice skills. A field instruction seminar is also involved for one meeting a week on campus. *Prerequisite: HUS 3007*

HUS 4095 Independent Study

1-4 credits

Faculty supervised research

Anthropology, Sociology and Criminal Justice

The Department of Sociology and Criminal Justice makes it possible for students to graduate from Lincoln University confident in their ability to help shape a more humane world by putting their disciplinary knowledge to work in the fields such as human services, law, business, government, and community development, or by pursuing graduate studies. The programs housed in the department are all designed to provide students with a solid understanding of social processes, social institutions, and the linkages between the individual and the larger society. The department offers majors in Sociology, Anthropology, and Criminal Justice. Students may elect to pursue either a Bachelor of Arts degree, which is recommended for students considering postgraduate, professional or academic study, or a Bachelor of Science degree, which is generally career-oriented.

Anthropology (BS, BA)

The Anthropology major is designed to give students a comprehensive understanding of the cultural behavior, social organization, biological characteristics and the origin of humankind. The study of Anthropology introduces students to the discipline and provides them with a sound foundation in relevant concepts and approaches. Students will acquire knowledge related to diverse societies as well as about the concepts of anthropological theory. They will also develop their abilities to critically analyze and evaluate anthropological research. Courses such as General Anthropology, Ethnography of West Africa, Cultural Anthropology, and Anthropology of Religion provide the foundations for study and research.

General Education specific requirements:

Humanities: HIS 1003 World History	4
Humanities: REL 2000 Introduction to Religion	4
Social Science: POL 1001 American National Government	4
Social Science: PSY 1001 General Psychology	4
Social Science: SOC 1001 Introduction to Sociology	4
Foreign Language: 1001 and 1002 level	8
General Education Total	52 credits

Anthropology:

ANT 2001 General Anthropology	4
ANT 2005 Marriage and the Family	4
ANT 3003 Cultural Anthropology	4
ANT 3054 Anthropology of Religion	4
SOC 3005 Research Methods	4
SOC 3005 Research Methods	4
SOC 3006 Social Statistics	4
SOC 4010 Senior Seminar	4
Total Anthropology Core	32 credits

Select one (1):

ANT 2008 Political Anthropology of African Societies	4
ANT 3021 Ethnography of West Africa	4

4 credits

Select two (2):	8
SOC 2004 Human Geography	4
SOC 2009 Institutional Racism	4
SOC 2015 Class, Status & Social Mobility	4
SOC 3011 The American Community	4
SOC 3019 Urban Sociology	4
SOC 3034 Social Movements & Change	4
Total Anthropology Major	32 credits

General Education	52 credits
Major	44 credits
Electives	32credits
Total required for BS degree	128 credits

General Education	52 credits
Major	48 credits
Language through 2002 level	8 credits
Electives	20 credits
Total required for BA degree	128 credits

Anthropology

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
SOC 1001	Intro to Sociology	4
	Social Science GE	4
	Humanities GE	4
Total		16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Social Science GE	4
	Humanities GE	4
	Foreign Language or CS	4
Total		16

Third Semester		
Course	Title	Credits
MAT 1006	Math for Liberal Arts	4
ANT 2001	General Anthropology	4
	Foreign Language or CS	4
	Natural Science (w/ lab)	4
Total		16

Fourth Semester		
Course	Title	Credits
ANT 3003	Cultural Anthropology	4
	Humanities GE	4
	Math or Natural Science	4
ANT 2005	Marriage and the Family	4
Total		16

Fifth Semester		
Course	Title	Credits
ANT 3054	Anthropology of Religion	4
	ANT 3021 or ANT 2008	4
	Math or Natural Science	4
	General Elective	4
Total		16

Sixth Semester		
Course	Title	Credits
SOC 3005	Research Methods	4
	Department Elective	4
	Department Elective	4
	Department Elective	4
Total		16

Seventh Semester		
Course	Title	Credits
SOC 3006	Social Statistics	4
	Department Elective	4
	General Elective	4
	General Elective	4
Total		16

Eighth Semester		
Course	Title	Credits
SOC 4010	Senior Seminar	4
	General Elective	4
	General Elective	4
	General Elective	4
Total		16

Total Credits: 128

Anthropology Minor

SOC 1001 Introduction to Sociology (satisfies university core)	4
ANT 2001 General Anthropology	4
ANT 2005 Marriage and the Family	4
ANT 3003 Cultural Anthropology	4
Total Anthropology Minor	16 credits

Anthropology Course Descriptions

ANT 2001 General Anthropology **4 credits**

This course is an introduction to the science of man and his works in the light of the findings of physical anthropology, cultural anthropology, archaeology, and linguistics.

Prerequisite: SOC 1001

ANT 2005 Marriage and the Family **4 credits**

This course has a special emphasis on the Black family and explores the myths related to the behavior and functioning of the Black family. Students will study 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, family disorganization, and the investigation of alternative family forms. *Prerequisite: SOC 1001*

ANT 2008 Political Anthropology of African Societies **4 credits**

This course explores the methods and strategies of crisis management in different societies in contemporary Africa. It begins with the study of pre-colonial political institutions such as bands, acephalous societies, and centralized kingdoms. It looks at how colonialism has tried to restructure pre-colonial institutions for its own purposes. It concludes with a discussion of the human and environmental cost of modernization. *Prerequisite: SOC 1001*

ANT 3003 Cultural Anthropology **4 credits**

This course provides an introduction to the worldwide ethnographic literature: a study of the whole culture of selected societies through standard monographs.

Prerequisites: ANT 2001

ANT 3021 Ethnography of West Africa **4 credits**

The course deals with the subject of fieldwork defined recently as "a form of enquiry in which one immerses oneself personally in the ongoing social activities of some individual or group for the purposes of research" (Wolcott, 1995:12). It also examines the techniques, theories, and concepts relevant to sound cross cultural ethnographic work. It will attempt to study the traditional notions of the specialized area of doing fieldwork such as the "emic" and the "etic" approaches, "participant observation interactive and non-interactive methods" as well as the various levels of interpretative analysis. *Prerequisite: SOC 1001*

ANT 3054 Anthropology of Religion **4 credits**

This course employs the rules of the sociological method to explore religion. It identifies the characteristics of the sacred and its function in explaining the inexplicable. On the one hand, effort is made to distinguish the sacred from the profane and, on the other, magic from religion. It concludes with an exploration of the controversy surrounding the difference between religion and spirituality. *Prerequisite: SOC 1001*

ANT 3090 Special Topics

4 credits

ANT 4014 Gender Anthropology

4 credits

This course will explore gender issues in culture at the intersections of power, health, social and criminal justice. It examines how male-oriented hegemony, embedded in patriarchal cultures, reproduces inequality in health, social and criminal justice between males and females. *Prerequisites: ANT 2001*

ANT 4095 Independent Study

1-4 credits

Faculty supervised research

Criminal Justice (BS, BA)

The criminal justice major is designed to provide students with substantial knowledge of how the criminal justice system works on the local, state, and federal level. There is also a focus on understanding of the changing nature of interactions between criminal justice institutions and the people in these environments. Students will gain an awareness of the impact of different social forces on the types and rates of criminal conduct. The career choices for criminal justice majors are diverse and can include work in corrections, probation, the court system, and in a wide range of law enforcement agencies. Majoring in criminal justice also provides excellent preparation for students interested in pursuing graduate work in the fields of law, public and criminal justice system administration, political science and social work.

Law Enforcement Track

General Education specific requirements:

Social Science: POL 1001 American National Government	4
Social Science: PSY 1001 General Psychology	4
Social Science: SOC 1001 Introduction to Sociology	4
Foreign Language: 1001 and 1002 level	8
General Education Total	52 credits

Criminal Justice Core:

CRJ 2003 Introduction to the Criminal Justice System	4
CRJ 2007 Criminal Law I	4
CRJ 3014 Criminological Theory	4

CRJ 3015 Court & Corrections	4
CRJ 3023 Criminological Theory	4
PHL 1011 Everyday Ethics Or	
PHL 2015 Ethic	4
SOC 3005 Research Methods	4
SOC 3006 Social Statistics	4
SOC 4010 Senior Seminar	4
Total Criminal Justice Core	36 credits

Law Enforcement:	8
CRJ 3020 Introduction to Law Enforcement	4
CRJ 3045 Criminal Investigation	4

Select three (3):	12
PSY 3001 Social Psychology OR PSY 2014 Abnormal Psychology	4
CRJ 3022 Forensic Science	4
CRJ 3046 Community Based Corrections	4
CRJ 3049 Introduction to Victimology	4
CRJ 4095 Internship or Independent Study	4
Total Law Enforcement Track	60 credits

General Education	52 credits
Major	36 credits
Electives	20credits
Total required for BS degree	128 credits

General Education	52 credits
Major	60 credits
Language through 2002 level	8 credits
Electives	12credits
Total required for BA degree	128 credits

Criminal Justice: Law Enforcement

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
SOC 1001	Intro to Sociology	4
POL 1001	American Government	4
	Humanities GE	4
	Total	16

Third Semester		
Course	Title	Credits
CRJ 2003	Introduction to Criminal Justice	4
MAT 1006	Math for Liberal Arts	4
	Foreign Language or CS	4
	Natural Science (w/ lab)	4
	Total	16

Fifth Semester		
Course	Title	Credits
CRJ 3014	Criminological Theory	4
	Law Enforcement Track Elective	4
	Math or Natural Science	4
PHL 2017	Critical Reasoning	4
	Total	16

Seventh Semester		
Course	Title	Credits
SOC 3006	Social Statistics	4
	Law Enforcement Track Elective	4
	Department elective 200 level or higher	4
	Department elective 200 level or higher	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
PSY 1001	Intro to Psychology	4
	Humanities GE	4
	Foreign Language or CS	4
	Total	16

Fourth Semester		
Course	Title	Credits
CRJ 3015	Court and Corrections	4
CRJ 2007	Criminal Law I	4
	Math or Natural Science	4
	Humanities GE	4
	Total	16

Sixth Semester		
Course	Title	Credits
SOC 3005	Research Methods	4
	Law Enforcement Track Elective	4
	General Elective	4
	PHL 1011 or PHL 2015/Ethics	4
	Total	16

Eighth Semester		
Course	Title	Credits
SOC 4010	Senior Seminar	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Note: Law Enforcement Track Electives Include: PSY3001- Social Psychology/PSY2014-Abnormal Psychology/CRJ3022-Forensic Science/CRJ3045-Criminal Investigation/CRJ3020-Introduction to Law Enforcement/CRJ4095-Intrnship or Independent Study

Legal Studies Track

General Education specific requirements:

Social Science: SOC 1001 Introduction to Sociology	4
Social Science: PSY 1001 General Psychology	4
Foreign Language: 1001 and 1002 level	8
General Education Total	52 credits

Criminal Justice Core:

CRJ 2003 Introduction to the Criminal Justice System	4
CRJ 2007 Criminal Law I	4
CRJ 3014 Criminological Theory	4
CRJ 3015 Court & Corrections	4
CRJ 3023 Criminal Justice Administration	4
ENG 3014 Legal Analysis and Writing	4
PHL 1011 Everyday Ethics Or	
PHL 2015 Ethic	4
SOC 3005 Research Methods	4
SOC 3006 Social Statistics	4
SOC 4010 Senior Seminar	4
Total Criminal Justice Core	48 credits

Legal Studies: 12

CRJ 3001 Law and Society	4
CRJ 3052 Criminal Law II	4
ENG 3014 Legal Analysis and Writing	4

Select two (2): 8

CRJ 3049 Introduction to Victimology	4
CRJ 4095 Internship or Independent Study	4
PHL 3003 Legal Philosophy	4
POL 4001 Supreme Court and Constitutional Law	4
POL 3010 Race and American Law	4

Total Legal Studies Track 60 credits

General Education 48 credits

Major 60 credits

Electives 20 credits

Total required for BS degree 128 credits

General Education 48 credits

Major 60credits

Language through 2002 level 8 credits

Electives

12 credits

Total required for BA degree

128 credits

Criminal Justice: Legal Studies

First Semester			Second Semester		
Course	Title	Credits	Course	Title	Credits
ENG 1001	English Composition I	4	ENG 1002	English Composition II	4
SOC 1001	Intro to Sociology	4	PSY 1001	Intro to Psychology	4
POL 1001	American Government	4		Humanities GE	4
	Humanities GE	4		Foreign Language or CS	4
	Total	16		Total	16
Third Semester			Fourth Semester		
Course	Title	Credits	Course	Title	Credits
CRJ 2003	Introduction to Criminal Justice	4	CRJ 3015	Court and Corrections	4
MAT 1006	Math for Liberal Arts	4	CRJ 2007	Criminal Law I	4
	Foreign Language or CS	4		Math or Natural Science	4
	Natural Science (w/ lab)	4		Humanities GE	4
	Total	16		Total	16
Fifth Semester			Sixth Semester		
Course	Title	Credits	Course	Title	Credits
CRJ 3014	Criminological Theory	4	SOC 3005	Research Methods	4
	Legal Studies Track Elective	4		PHL 1011 or 2015/Ethics	4
	Math or Natural Science	4	ENG 3014	Legal Analysis and Writing	4
PHL 2017	Critical Reasoning	4		Legal Studies Track Elective	4
	Total	16		Total	16
Seventh Semester			Eighth Semester		
Course	Title	Credits	Course	Title	Credits
SOC 3006	Social Statistics	4	SOC 4010	Senior Seminar	4
	Legal Studies Track Elective	4		General Elective	4
	Department elective 2000 level or higher	4		General Elective	4
	Department elective 2000 level or higher	4		General Elective	4
	Total	16		Total	16
Total Credits: 128					
Note: Legal Studies Track Electives Include: CRJ3052-Criminal Law/POL4001-Supreme Court and Constitutional Law/PHL3003-Legal Philosophy/CRJ3001-Law and Society/POL3010-Race and American Law/CRJ4095-Internship or Independent Study					

Crime Scene Investigation Track

General Education specific requirements:

Natural Science: BIO 1003/1003L	4
Natural Science: CHE 1020/1020L	4
Social Science: POL American National Government	4
Social Science: PSY 1001 General Psychology	4
Foreign Language: 1001 and 1002 level	8
General Education Total	52 credits

Criminal Justice Core:

SOC 1001 Introduction to Sociology	4
CRJ 2003 Introduction to the Criminal Justice System	4
CRJ 2007 Criminal Law I	4
CRJ 3014 Criminological Theory	4
CRJ 3015 Court & Corrections	4
CRJ 3023 Criminal Justice Administration	4
PHL 1011 Everyday Ethics Or	
PHL 2015 Ethic	4
SOC 3005 Research Methods	4
SOC 3006 Social Statistics	4
SOC 4010 Senior Seminar	4
Select two (2) additional CRJ courses	8
Total Criminal Justice Core	40 credits

Crime Scene Investigation: 12

CRJ 3022 Forensic Science	4
CRJ 3045 Criminal Investigation	4
Any BIO or CHEM course above 2000	4

Select two (2): 12

CRJ 3001 Law and Society	4
CRJ 3020 Introduction to Law Enforcement	4
CRJ 3046 Community Based Corrections	4
CRJ 3048 Juvenile Delinquency	4
CRJ 3049 Introduction to Victimology	4
CRJ 4095 Internship or Independent Study	4
Total Crime Scene Investigation Track Major	60 credits

General Education 48 credits

Major 60 credits

Electives 20credits

Total required for BS degree	128 credits
General Education	48 credits
Major	60 credits
Language through 2002 level	8 credits
Electives	12 credits
Total required for BA degree	128 credits

Criminal Justice: Crime Scene Investigation

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
SOC 1001	Intro to Sociology	4
POL 1001	American Government	4
	Humanities GE	4
Total		16

Third Semester		
Course	Title	Credits
CRJ 2003	Introduction to Criminal Justice	4
MAT 1006	Math for Liberal Arts	4
	Foreign Language or CS	4
BIO 1005	Intro to Biology w/lab	4
Total		16

Fifth Semester		
Course	Title	Credits
CRJ 3014	Criminological Theory	4
	Crime Scene Investigation Track Elective	4
	Biology Course (2000 level or higher)	4
PHL 2017	Critical Reasoning	4
Total		16

Seventh Semester		
Course	Title	Credits
SOC 3006	Social Statistics	4
	Crime Scene Investigation Track Elective	4
	Department elective 2000 level or higher	4
	Department elective 2000 level or higher	4
Total		16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
PSY 1001	Intro to Psychology	4
	Humanities GE	4
	Foreign Language or CS	4
Total		16

Fourth Semester		
Course	Title	Credits
CRJ 3015	Court and Corrections	4
CRJ 2007	Criminal Law I	4
CHE 1001	Intro to Chemistry	4
	Humanities GE	4
Total		16

Sixth Semester		
Course	Title	Credits
SOC 3005	Research Methods	4
	PHL 1011 or 2015/Ethics	4
	General Elective	4
	Crime Scene Investigation Track Elective	4
Total		16

Eighth Semester		
Course	Title	Credits
SOC 4010	Senior Seminar	4
	General Elective	4
	General Elective	4
	General Elective	4
Total		16

Total Credits: 128

Note: Crime Scene Investigation Track electives Include: CRJ3022-Forensic Science/CRJ3045-Criminal Investigation/CRJ3020-Introduction to Law Enforcement/CRJ4095-Internship or Independent Study

Criminal Justice Minor

SOC 1001 Introduction to Sociology (satisfies university core)	4
CRJ 2003 Introduction to the Criminal Justice System	4
CRJ 2007 Criminal Law I	4
CRJ 3015 Court & Corrections	4
Total Criminal Justice Minor	16 credits

Criminal Justice Course Descriptions

CRJ 2003 Introduction to the Criminal Justice System **4 credits**

This course provides a general introduction to criminal justice. The emphasis will be placed on the history of the criminal justice system and the interrelation of the three components of the system: law enforcement, the courts, and corrections. Students will examine crime trends and contemporary crime issues as they relate to American minorities. *Prerequisite: SOC 1001*

CRJ 2007 Criminal Law I **4 credits**

This course examines the basic concepts, legal and sociological issues in substantive criminal law, the theories underlying criminal law; and the problems of the imposition and execution of punishments. Participants will focus on a specific problem area such as criminal liability and legal requirements for criminal defenses. Special emphasis is placed on such crimes as murder, manslaughter, burglary, rape, robbery, larceny, theft, assault and battery, and victimless crimes. *Prerequisite: CRJ 2003*

CRJ 3001 Law and Society **4 credits**

This course is a study of everyday legal problems in the areas of criminal, consumer, family, housing, and individual rights law. The course will enable students to analyze, evaluate and, in appropriate situations, resolve legal disputes. *Prerequisite: CRJ 2003*

CRJ 3014 Criminological Theory **4 credits**

This course teaches the characteristics, causes, and correction of crime and delinquency, including discussion of various theories of deviant behavior and social disorganization. *Prerequisite: CRJ 2003*

CRJ 3015 Court & Corrections **4 credits**

This course is a study of the American court system at both the state and federal levels. The course examines roles of professional and nonprofessional courtroom actors, pretrial activities, stages of criminal trial, and sentencing. Judicial organizations as well as the history and development of courts will be studied. *Prerequisite: CRJ 2003*

CRJ 3020 Intro to Law Enforcement **4 credits**

The course will provide an overview of law enforcement policy, police operations, agencies, and police professionalism and ethics. *Prerequisite: CRJ 2003*

CRJ 3022 Forensic Science**4 credits**

This course examines scientific aspects of the criminal investigation. The major emphasis is placed upon the collection, analysis, preservation, and processing of physical evidence. Some of the topics to be covered include the crime scene search, fingerprints, blood analysis and DNA identification, firearms, hair, fibers, paint and questioned documents.

Prerequisite: CRJ 2003

CRJ 3023 Criminal Justice Administration**4 credits**

This course is an examination of principles of management, organization, and administration as applied to law enforcement personnel. *Prerequisites: CRJ 2003*

CRJ 3045 Criminal Investigation**4 credits**

This course is a study of the elements and process of an investigation; a survey of scientific crime detection methods; identification and preservation of evidence and report writing. Topics to be covered include concepts and strategies of private security investigation.

Prerequisite: CRJ 2003

CRJ 3046 Community Based Corrections**4 credits**

The concept of correction without incarceration; an examination of program alternatives to criminal justice processing, jail detention, and incarceration; programs for juveniles; problems and needs of female offenders and drug and alcohol offenders are dealt with in this course. *Prerequisite: CRJ 2003*

CRJ 3047 Human Rights Issues in Criminal Justice**4 credits**

This course examines the idea of human rights, its political and legal universality, and historical evolution. Major emphasis is on the concept of human rights and legal mechanisms developed to protect them within the criminal justice system. The course addresses critical human rights issues through different stages of the criminal justice process, criminal investigation, trial, sentencing, punishment, seeks to determine if constitution, statutes and judicial decisions establish a foundation for the policy which balances conflicting interests of the law. The interest of the citizens to protect their human rights and the interest of the state to control criminal conduct will be studied. *Prerequisites: CRJ 2003*

CRJ 3048 Juvenile Delinquency**4 credits**

This course is an examination of the nature and scope of delinquency; the characteristics of the juvenile offender; prevention, control, and treatment programs. *Prerequisite: CRJ 2003*

CRJ 3049 Introduction to Victimology**4 credits**

This course is a study of the victims of street crimes. The focus will be on the victim offender relationship, victim types, and conflicts between victims and the criminal justice system.

Prerequisite: CRJ 2003

CRJ 3052 Criminal Law II**4 credits**

This course introduces students to the rules and procedures that govern the pretrial processing of criminal suspects and the conduct of criminal trials. While being primarily focused on principles of American criminal procedure, the course also examines character proceedings in different criminal justice systems worldwide. Discussion includes a number of issues relevant to the constitutional safeguards, as well as the cases reflecting current trends in criminal procedure. *Prerequisite: CRJ 2007*

CRJ 3090 Special Topics**4 credits****CRJ 4095 Independent Study****1-4 credits**

Faculty supervised research

Sociology (BS, BA)

The sociology major is designed to provide a broad intellectual and sociological background. The program provides students with both theoretical and methodological tools as well as substantive insights to assist them in understanding social life, social organization, and social action. Because of the concentration's focus on developing analytic skills, Sociology at Lincoln is an excellent preparation for many fields that involve social policy analysis, including law, business management, education, government and social service.

General Education specific requirements:

Social Science: POL 1001 American National Government	4
Social Science: PSY 1001 General Psychology	4
Foreign Language: 1001 and 1002 level	8
General Education Total	48 credits

Sociology:

ANT 2001 General Anthropology	4
ANT 2005 Marriage and the Family	4
SOC 1001 Introduction to Sociology	4
SOC 3005 Research Methods	4
SOC 3006 Social Statistics	4
SOC 3011 The American Community	4
SOC 3018 Sociological Theory	4
SOC 4010 Senior Seminar	4
Total Sociology Core	32

Select five (6): 20

ANT 2005 Marriage and the Family	4
ANT 3003 Cultural Anthropology	4
ANT 3054 Anthropology of Religion	4
CRJ 3001 Law and Society	4

CRJ 3014 Criminological Theory	4
CRJ 3048 Juvenile Delinquency	4
SOC 2009 Institutional Racism	4
SOC 2012 Social Deviance	4
SOC 2015 Class, Status & Social Mobility	4
SOC 3011 The American Community	4
SOC 3019 Urban Sociology	4
SOC 3034 Social Movements & Change	4
SOC 4095 Independent Study	4
Total Sociology Major	56 credits

General Education	48 credits
Major	56 credits
Electives	24 credits
Total required for BS degree	128 credits

General Education	48 credits
Major	56 credits
Language through 2002 level	8 credits
Electives	16 credits
Total required for BA degree	128 credits

Sociology

First Semester		
Course	Title	Credits
ENG 1001	English Composition I	4
SOC 1001	Intro to Sociology	4
POL 1001	American Government	4
	Humanities GE	4
	Total	16

Second Semester		
Course	Title	Credits
ENG 1002	English Composition II	4
	Social Science GE	4
	Humanities GE	4
	Foreign Language or CS	4
	Total	16

Third Semester		
Course	Title	Credits
MAT 1006	Math for Liberal Arts	4
ANT 2001	General Anthropology	4
	Foreign Language or CS	4
	Natural Science (w/ lab)	4
	Total	16

Fourth Semester		
Course	Title	Credits
ANT/SOC	ANT 2005 or SOC 3011	4
	Humanities GE	4
	Math or Natural Science	4
	Sociology Elective	4
	Total	16

Fifth Semester		
Course	Title	Credits
	Sociology Elective	4
	Sociology Elective	4
	Math or Natural Science	4
	General Elective	4
	Total	16

Sixth Semester		
Course	Title	Credits
SOC 3005	Research Methods	4
SOC 3018	Sociological Theory	4
	Sociology Elective	4
	Sociology Elective	4
	Total	16

Seventh Semester		
Course	Title	Credits
SOC 3006	Social Statistics	4
	Sociology Elective	4
	General Elective	4
	General Elective	4
	Total	16

Eighth Semester		
Course	Title	Credits
SOC 4010	Senior Seminar	4
	General Elective	4
	General Elective	4
	General Elective	4
	Total	16

Total Credits: 128

Sociology Minor

SOC 1001 Introduction to Sociology (satisfies university core)	4
ANT 2001 General Anthropology	4
Select two additional courses from SOC	8
Total Sociology Minor	16 credits

Sociology Course Descriptions

SOC 1001 Introduction to Sociology **4 credits**

This course is an introduction to the basic concepts of sociology, including socialization, groups, institutions, and social change.

SOC 2004 Human Geography **4 credits**

This course will define the field of geography, its major subdivisions and basic concepts, and will consider the role of the human species as a major factor. Students will explore the complex nature of the relationship among physical geography, climate, ecology, human biology, and culture. *Prerequisite: SOC 1001*

SOC 2009 Institutional Racism **4 credits**

This course will require participating students to embark on an investigation of social institutions and the manner in which groups are victimized and deprived of products and services of these institutions in systematic fashion. Analysis of institutional practices which result in this penalization will be a major subject area. *Prerequisite: SOC 1001*

SOC 2012 Social Deviance **4 credits**

This course examines the nature, definitions, and functions of deviant behavior; and the importance of the concept of deviance in regulating human behavior in organized society. It places special emphasis on the major theoretical approaches to the causes of deviance. Discussion is centered on general characteristics of deviance and deviant individuals and social and individual factors producing deviance. Specific etiological and therapeutic aspects of crime, delinquency, addictive behavior, mental illness, suicide, and sexual deviance all serve as important topics. *Prerequisite: SOC 1001*

SOC 2015 Class, Status & Social Mobility **4 credits**

This course studies the investigation of social differentiation, the influence of this differentiation upon behavior, and the study of social mobility patterns and the effects of this mobility. *Prerequisite: SOC 1001*

SOC 3005 Research Methods **4 credits**

This course teaches basic research methods in sociology, including survey and case techniques, participant observation, and preparation of research reports.

Prerequisite: 70 earned credits

SOC 3006 Social Statistics**4 credits**

This course introduces fundamental statistical concepts and techniques used in social science research, including descriptive statistics, probability, hypothesis testing, inferential statistics, correlation, and regression analysis. Emphasis is placed on applying these methods to sociological questions and analyze real-world data. Students will develop critical skills to evaluate quantitative research and effectively communicate findings, highlighting the role of statistics in evidence-based decision-making and policy development.

Prerequisite: 70 earned credits

SOC 3011 The American Community**4 credits**

This course is a study of the spatial aspects and social processes of community development and community organization as influenced by historical, ecological, sociological, political and economic factors. Special emphasis will be placed on the current conditions in Black communities. Such areas as housing, health, education, transportation and citizen participation will be examined. *Prerequisite: SOC 1001*

SOC 3018 Sociological Theory**4 credits**

This course is an introduction to the history of sociological theory from the French Revolution to the present, with emphasis on application to contemporary theoretical problems. *Prerequisite: SOC 1001*

SOC 3019 Urban Sociology**4 credits**

This course is 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. *Prerequisite: SOC 1001*

SOC 3034 Social Movements & Change**4 credits**

This course is an examination of the strategies of action of movements as well as the examination of their characteristics, membership and structure. The relationship of the social system and its changes to the social movements will be examined. *Prerequisite: SOC 1001*

SOC 3090 Special Topics**4 credits****SOC 4010 Senior Seminar****4 credits**

This capstone course, required for Sociology, Anthropology, and Criminal Justice majors, guides students through an independent research project. Students will engage in all stages of the research process, from developing questions to analyzing data and presenting findings. The course emphasizes critical thinking, methodological rigor, and effective communication in a final report tailored for academic or professional audiences.

Prerequisites: SOC 3005, SOC 3006

SOC 4095 Independent Study
Faculty supervised research

1-4 credits

Visual Arts

Visual Arts (BS, BA)

The mission of the Visual Arts Department is to provide academic, aesthetic, and technical instruction to develop the creative and analytical potential of students. Art faculty offer structured curricula in a nurturing environment where students are stimulated to ask questions, enabled to solve problems, and challenged to become competitive in their chosen field of study. The Visual Arts Program illustrates the important role played by African Americans in visual art and challenges students to evolve that knowledge to find their role in the arts within a technologically infused global environment. By encouraging discovery through experimentation, the Visual Arts program prepares its students for advanced studies in the liberal arts and creative careers.

The Visual Art Department offers Bachelor's degrees in Visual Art with three concentrations: 'Studio Art', 'Graphic Art', and 'Photography, Video and Time Based Media.' Students work in interdisciplinary courses for foundations and capstone courses, while exploring specific media through breadth classes.

Amos Hall includes state of the art studios and labs for visual art production and analysis, including: Two mac labs, digital fabrication lab, darkroom, equipment loaning cage, printmaking studio, painting and drawing studio, ceramics studio, exhibition spaces and foundations studios. The Lincoln University Art and Material Culture collection is also housed on the first floor with an open storage space for active learning. Next to the storage space is a gallery for rotating exhibitions as coordinated through the gallery coordinators.

Lincoln University has a special relationship to the Barnes Foundation in Philadelphia, which is experienced through courses, tours and internships for students. The Barnes houses one of the world's most impressive collections of post- impressionist and early modern painting masterpieces and collections of African sculpture, European and American furniture, ceramics and ironwork, and Native American arts that together reflect and inform the enduring educational mission of its founder Dr. Albert C. Barnes.

Visual Arts Major Requirements

Admission Requirements

The program seeks to recruit students with strong academic and artistic skills interested in pursuing art or design careers, and those interested in museum-related pursuits.

Students seeking major status are required to successfully complete ART 1000 or ART 1001 with a grade of B or better and at least one additional studio or art history course.

Graduation Requirements

The following are the requirements for the visual arts major leading to the Bachelor of Arts or Bachelor of Science degree:

1. Students must complete all courses required by the university and those required for the Visual Arts major, according to specifications in the catalog operative the

year the student declares the major. (Provisional exceptions may be made in individual cases going forward; however, students cannot use requirements in a catalog dated before the year in which they declare the major.)

2. Students must maintain a minimum grade set by the university in all courses in the major (catalog).
3. Students must successfully pass four Writing Intensive (WI) courses and submit a writing portfolio in accordance with university and/or program requirements. A provisional passing score for the student's WPP (Writing Proficiency Portfolio) must be completed prior to enrolling in ART 4090 Senior Seminar.
4. Students must have completed a substantial body of work based on their Senior Seminar Thesis prior to enrolling in ART 4090 Senior Seminar. This body of work may be completed in their 4000-level studio, ART 3095 Junior Seminar and/or in an Independent Study course.
5. Students must pass ART 3095 Junior Seminar as a prerequisite for ART 4090 Senior Seminar.
6. Students must make a public presentation in association with ART 4090 Senior Seminar coursework that focuses on work done in support of their Senior Seminar Thesis that may also be accompanied by an exhibit of their artworks.

Language Requirement

The **Bachelor of Arts** degree requires **two years (four semesters)** of a foreign language.

Course Requirements

General Education Total	52 credits
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Studio Core

ART 1000 Fundamentals of 2-D Design	4
ART 1001 Fundamentals of 3-D Design	4
ART 1002 Introduction to Computer Arts	4
ART 1005 Introduction to Drawing I	4

Total Studio Core	16 credits
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Studio Courses and Studio Track

<u>2000 Level Studio: Select four (4):</u>	<u>16</u>
ART 2005 Intermediate Drawing	4
ART 2010 Introduction to Ceramics	4
ART 2015 Introduction to Printmaking	4
ART 2020 Design for Print and Web	4
ART 2025 Introduction to Painting	4
ART 2060 Introduction to Digital Photography	4
ART 2070 Introduction to Video Art	4

<u>3000 Level Studio: Select two (2):</u>	<u>8</u>
ART 3005 Figurative Studio	4
ART 3010 Sculptural Ceramics	4
ART 3015 Screen Printing	4
ART 3020 Graphic Arts II	4
ART 3060 Digital Photo Manipulation	4
 <u>4000 Level Studio: Select one (1):</u>	 4
ART 4005 Advanced Studio Arts	4
ART 4010 Advanced Ceramics	4
ART 4015 Printmaking III	4
ART 4020 Graphic Arts Studio	4
ART 4060 Advanced Photo	4
Total Studio Courses	28 credits
 Art History	 12 credits
ARH 2011 Art History I	4
ARH 2012 Art History II	4
ARH 2076 African American Art History	4
 Museum Studies	 8 credits
MSM 2010 Museums and Collections I	4
MSM 2018 Barnes History and Methodology**	4
 Academic Enrichment	 4 credits
ART 3095 Junior Seminar	4
ART 4090 Senior Seminar	4
Total Studio Arts	54 credits
 General Education	 52 credits
Major	54 credits
Electives	22 credits
Total required for BS degree	128 credits
 General Education	 52 credits
Major	54 credits
Language through 2002 level	8 credits
Electives	14 credits
Total required for BA degree	128 credits

****Course developed and taught by Barnes Foundation instructor (history and development of the Barnes Collection and aesthetic principles of founder, Dr. Albert Barnes and associates)**

Depending on degree goal for Studio Art students, remaining university credits may be geared toward a Minor in another area and/or Free Electives. Some overlap is permitted.

Visual Arts

First Semester			Second Semester		
Course	Title	Credits	Course	Title	Credits
ENG 1001	English Composition I	4	ENG 1002	English Composition I	4
	General Education	4		General Education	4
	General Education	4		General Education	4
ART 1000	2D Foundations	4	ART 1002	Intro to Computer Arts	4
	Total	16		Total	16
Third Semester			Fourth Semester		
Course	Title	Credits	Course	Title	Credits
	General Education	4		General Education	4
	General Education	4		General Education	4
ARH 2011	Art History I	4	ARH 2076	Afri. Amer. Art History	4
ART 1005	Intro to Drawing	4	ART 2020	Design for Print & Web	4
	Total	16		Total	16
Fifth Semester			Sixth Semester		
Course	Title	Credits	Course	Title	Credits
ARH 2012	Art History II	4	ART 3095	Junior Seminar	4
	2000-level art track	4		3000-level art track	4
	2000-level art track	4		General Elective	4
MSM 2018	Barnes History & Methodology	4		3000/4000-level art track	4
	Total	16		Total	16
Seventh Semester			Eighth Semester		
Course	Title	Credits	Course	Title	Credits
ART 4090	Senior Seminar	2	ART 4090	Senior Seminar	2
	General Elective	4		General Elective	4
	General Elective	4		General Elective	4
	General Elective	4		General Elective	4
	General Elective	4			
	Total	18		Total	14
Total Credits: 128					

Visual Arts Minor

The Visual Arts minor, within the Department of Visual Arts offers students a basic introduction to the Visual Arts field to assist in improving their visual literacy through studio arts courses or improve their understanding of how art has impacted culture through art history and museum studies courses.

The Visual Arts minor requires (24) credit hours of area offerings:

Select one (1) Foundation Level:

ART 1000 Fundamentals of 2-D Design	4
ART 1001 Fundamentals of 3-D Design	4
ART 1002 Introduction to Computer Arts	4
ART 1005 Introduction to Drawing	4

Select one (1) Art History or Museum Studies:

ARH 2011 Art History I	4
ARH 2012 Art History II	4
ARH 2076 African American Art History II	4
MSM 2010 Museums and Collections I	4
MSM 2018 Barnes History and Methodology	4

Select one (1) Medium Specific:

ART 2005 Intermediate Drawing	4
ART 2010 Introduction to Ceramics	4
ART 2015 Introduction to Printmaking	4
ART 2020 Design for Print & Web	4
ART 2021 Digital Illustration	4
ART 2025 Introduction to Painting	4
ART 2060 Introduction to Digital Photography	4
ART 2061 Introduction to Darkroom Photography	4

Select one (1) 3000 Level:

ART 3005 Figurative Studio	4
ART 3015 Screen printing	4
ART 3020 Graphic Arts II	4
ART 3021 Motion Graphics	4
ART 3025 Painting II	4
ART 3060 Digital Photography Manipulation	4

Select one other ART, ARH, or MSM studies course *	4
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Total Visual Arts Minor	20 credits
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*ART 2000 is suggested to fill a university core humanities requirement, which will provide a good foundation for a Minor in Visual Art

Museum Studies Minor

The Museum Studies minor, within the Department of Visual Arts is designed with an interdisciplinary approach that offers students from a variety of disciplines a solid grounding of the varied opportunities within the museum field.

The Museum Studies minor requires (24) credit hours of area offerings:

MSM 1001 Introduction to the World of Museums	4
MSM 2010 Museums and Collections I	4
MSM 2011 Museums and Collections II	4
MSM 3010 Collections Management and Care	4
Two (2) MSM Electives at 3000 level (with advisor approval)	8
Total Museum Studies Minor	24 credits

Visual Arts Course Descriptions

ARH 2011 Art History I **4 credits**

This course surveys works of art and architecture produced by cultures throughout the world from the Paleolithic Period through the 13th century. The course examines art through the social, religious, political and economic context in which it was produced. This course provides a foundation of art and architecture terminology, technology, and iconography. *Prerequisite: ENG 1002*

ARH 2012 Art History II **4 credits**

This course provides a survey of works of art and architecture produced by cultures throughout the world from the 14th century to the present. The course examines art through the cultural, social, religious, political and economic context in which it was made. This course provides a foundation of art and architecture terminology, technology, and iconography. *Prerequisite: ENG 1002*

ARH 2076 African American Art History **4 credits**

This course explores the contributions of African American artists to the African diaspora and American art. Students investigate the African American experience through the range of artwork and time periods. Social, religious, political, economic, class, racial, and cultural lenses are explored for analyzing the interpreting artists and movements. *Prerequisites: ENG 1002*

ARH 4095 Independent Study **1-4 credits**

Faculty supervised research

ART 1000 Fundamentals of 2-D Design**4 credits**

This course focuses on fundamental design and color theories to create compelling 2D artwork and visual communication. Different media and techniques are introduced to explore the many ways to make meaning and beauty in the visual arts.

ART 1001 Fundamentals of 3-D Design**4 credits**

This course focuses on fundamental design concepts shared by the three-dimensional visual arts. Through studio problems, students will become familiar with three-dimensional design concepts, construction processes, and the manipulation of materials to create structural forms. Students will develop an understanding of the qualities of line, shape, mass, volume, spatial relationships, and surface as they apply to the three-dimensional form.

ART 1002 Introduction to Graphic Design**4 credits**

This course introduces the computer as a tool to create visual art and design. Students use Adobe Creative Cloud apps to create two-dimensional compositions, analyze digital visual communication, and explore their personal creativity.

ART 1003 Introduction to Media & Color**4 credits**

This course introduces students to the materials and techniques of two-dimensional art forms and provides them with a solid understanding of color theory and color mixing of pigment based media. Students will become familiar with the vocabulary of art making materials and techniques and will engage in hands-on exercises that will enhance the learning and understanding of these processes. This course provides foundation for courses in drawing, painting and printmaking.

ART 1005 Introduction to Drawing**4 credits**

This course is an introduction to the fundamentals of drawing. This will include practice in a variety of drawing media; development of perceptual and manual skills; creating effective compositions; and applying the essential elements of drawing.

ART 2000 Introduction to Art**4 credits**

This course is designed to enhance the student's visual literacy and will provide a broad based introduction to the visual arts, including understanding and appreciating art in an historical, stylistic, and cultural context. Students will be introduced to works of art from a variety of cultures and time periods.

ART 2005 Intermediate Drawing**4 credits**

This course is a continuation of Introduction to Drawing and will emphasize the further development and refinement of perceptual and manual skills necessary to drawing. This course will also focus on drawing as a means of personal expression, color as a drawing element, and the introduction of portraiture, figure, and anatomy studies. *Prerequisite: ART 1005*

ART 2010 Ceramics I**4 credits**

This course focuses on ceramics as an art form and as a medium for utilitarian craft objects. Students will learn basic hand-building techniques, methods of surface decoration, and glazing techniques. Course assignments are based on the vessel/container form.

ART 2011 Introduction to Wheel Throwing**4 credits**

This course focuses on ceramics as an art form and as a medium for utilitarian craft objects. Students will learn basic wheel-throwing techniques, methods of surface decoration, and glazing techniques. Course assignments are based on the vessel/container form.

ART 2015 Introduction to Printmaking**4 credits**

This course introduces the concepts and methodologies of traditional printmaking processes with emphasis on mono printing, linoleum/wood block printing, and other manual techniques and practices. A study of methods and materials will focus on monochrome and color printing and how to properly edition prints. *Prerequisites: ART 1000*

ART 2020 Design for Print and Web

This course is a continuation of the concepts learned in Introduction of Graphic Arts, further developing students' digital visual communication. Students create digital illustrations and complex layout designs for digital and print environments while developing a personal visual style through projects that question content, technique, materiality, and physical form. *Prerequisite: ART 1002*

ART 2021 Digital Illustration

This course introduces students to the tools, software, and techniques necessary for producing digital illustrations that mimic drawings or paintings. Students gain technical proficiency in file layering and complex shape building while continuing to incorporate fundamental design concepts including color, line, composition and style to create original illustrations. *Prerequisite: ART 1002*

ART 2025 Painting I**4 credits**

This course will introduce students to painting. This will include experimentation with a variety of painting techniques and learning to prepare canvases for painting. Emphasis will be placed on color theory, value structures, and developing effective compositions. Subject matter will include still life, landscape, and thematic studies. *Prerequisites: ART 1000, ART 1005*

ART 2060 Introduction to Digital Photography**4 credits**

This course introduces students to the fundamental tools of digital photography, from capture to print. Students learn industry standard digital photography workflows, including: control of a manual digital camera, image control (depth of field, motion, composition, color balance et al.), importing images to the computer, organizing images, processing in Camera Raw and Photoshop, inkjet printing and basic photography history. *Prerequisite: ART 1002, COM 2007*

ART 2061 Introduction to Darkroom Photography**4 credits**

This course introduces analog 35mm camera operation, film development, and black and white printing in the darkroom. Through continuous photography, in class demonstrations, history and theory lectures, and critique, students will engage in approaches to photographic production and seeing.

ART 2070 Introduction to Video Art**4 credits**

This course introduces conceptual frameworks and fundamental techniques for creating video art. Students will create video pieces and engage in the history of film and the role of video in contemporary art and culture.

ART 2077 Studio Lighting for Photo and Video**4 credits**

This course introduces studio lighting for the still and moving image. Students will learn to use strobe (flash) and continuous lights to enhance their imagery and craft. Students will generate different moods, vibes, and narratives by utilizing different qualities of light.

Prerequisite: ART 2060 or ART 2070

ART 2080 Introduction to Fashion**4 credits**

This course introduces students to the techniques used in clothing construction including knowledge of fibers, colors, fabric dyeing, hand sewing, and upcycling.

ART 3005 Figurative Studio**4 credits**

This course introduces the artistic study of the human form from a live model using a variety of art materials, techniques, and approaches. This includes the study of anatomy, observation of the human form, and fundamental exercises in gesture, contour, outline, and tonal modeling. Through the practice of observational drawing from a model, students will further develop visual perception skills and understanding of pictorial space. Students will use a variety of media to investigate the traditions and possibilities of human figure drawing and painting. *Prerequisites: ART 2005, ART 2025*

ART 3010 Sculptural Ceramics**4 credits**

This course introduces students to advanced clay-forming techniques that include hand building, throwing on the potter's wheel, and working with plaster molds. Surface treatments are explored, including both pre and post firing processes. Students are introduced to the electric firing process and must load and fire a kiln. Glaze and non-glaze processes are covered. *Prerequisite: ART 2010*

ART 3015 Screenprinting**4 credits**

This course introduces traditional and contemporary applications of screen-printing or serigraphy. Students will learn to properly work with acrylic based inks with an emphasis on stencil making, photo processes, film preparation, and printing on various surfaces.

Prerequisite: ART 2015

ART 3020 Graphic Arts II**4 credits**

This course introduces students to web based media, web page/ site design and HTML/ CSS coding. Students will: analyze websites' aesthetic and user interface, design page layouts in Adobe Photoshop, and learn basic HTML and CSS coding. Projects include redesigning a small business website and creating an online portfolio for personal promotion.

Prerequisite: ART 2020

ART 3021 Motion Graphics**4 credits**

Students learn the creative process used to produce motion graphics, including preproduction, storyboarding, and industry standard software. Innovative and imaginative thinking will be encouraged to develop new sensitivities to movement, sound, color, and light. *Prerequisite: ART 1002*

ART 3025 Interdisciplinary Studio**4 credits**

This course challenges the traditional media boundaries in contemporary art through experimental multi-media and hybrid approaches to art making and creative research. Weekly readings, critiques and presentations will be integrated with studio projects that engage a variety of strategic and conceptual ways of creating and thinking. The course will investigate artistic influence broadly, including any discipline that influences our society, culture, and ideology, including literature, film, music, critical theory, and contemporary criticism. *Prerequisite: ART 1002 or any 2000 level course or Instructor consent*

ART 3060 Digital Photo Manipulations**4 credits**

This course combines digital photographic techniques with conceptual assignments using Adobe Photoshop. This course is designed for photographers, graphic designers and digital editors. Assignments include: weekly technical demos, student led demos in class and a long term personal creative project developed through critique. This course will create a groundwork to navigate the fluid world of digital editing, developing the ability for students to continue to evolve regardless of technical changes in the program. *Prerequisite: ART 1002 or COM 2007*

ART 3070 Cinematography**4 credits**

This course introduces conceptual frameworks and fundamental techniques for creating video art. Students will create video pieces and engage in the history of film and the role of video in contemporary art and culture. *Prerequisite: ART 2070*

ART 3090 Special Topics**4 credits****ART 3095 Junior Seminar****4 credits**

This course will prepare students for their sophomore/junior review as well as providing one of the prerequisites for ART 4090 Senior Seminar. Visual Arts majors will prepare an artist statement and resume and will write a project proposal that will serve as the basis for a body of work produced in the course in a media of their choice. This body of work will be

presented in an exhibition at the end of the semester. Students will perform weekly assignments with the support of the visual art faculty, the writing resource center, the library and other online platforms. Through written, oral, and visual presentations of their artistic investigations, students will strengthen their analytical and critical skills.

Prerequisites: ART 1000, ART 1001, ART 1002, ART 1003, ENG 1002, and either ART 3005, ART 3010, ART 3015, ART 3020, or ART 3060.

ART 4005 Advanced Studio Arts

4 credits

Advanced Studio Art is a course that requires the student to produce a body of work based on their Senior Seminar thesis using techniques, media, and concepts germane to studio arts. Students will learn to present their artwork professionally and provide written and visual evidence and documentation of their technical, conceptual, and aesthetic investigations. *Prerequisite: ART 3005, ART 3015 or ART 3025*

ART 4010 Advanced Ceramics

4 credits

Advanced Ceramics requires the student to produce a body of work based on their Senior Seminar thesis using techniques and processes learned in previous courses. Students will learn how to present their work professionally, and provide written and visual documentation of the technical research and aesthetic investigation. *Prerequisite: ART 3010*

ART 4015 Printmaking III

4 credits

Printmaking III is an advanced level course that requires the student to produce a body of work based on their Senior Seminar thesis using techniques and processes learned in previous courses. Students will learn how to present their work professionally, and provide written and visual documentation of their technical research and aesthetic investigations.

Prerequisite: ART 3015

ART 4020 Graphic Arts Studio

4 credits

Students will investigate contemporary issues in print and digital design through client work. Students will develop designs, identity packages or promotional campaigns to promote departments and organizations on and off campus.

Prerequisites: ART 1002 & 3000/4000 level COM or ART course or permission of instructor.

ART 4055 Internship

4 credits

This is a course for students who will complete an internship in studio art, graphic design, media art or museums for academic credit. Students will apply theories and principles learned in the classroom to a professional internship in the art field at an approved site. Throughout the internship, students will complete various tasks designed to reflect and enhance the internship experience, including weekly reports and maintaining a journal of

activity that includes documentation of formal meetings, evaluations, projects, and accomplishments. The student must submit a final written report as directed by the instructor.

ART 4060 Advanced Photo

4 credits

Students will create exhibition quality and portfolio ready personal photographic projects based on proposals, readings and individual interests derived through research. This class includes a photography book project and will culminate with an exhibition of works.

Prerequisite: ART 2060

ART 4090 Senior Seminar

4 credits

Senior Seminar I is the first semester of the "senior capstone" for the Visual Arts major. Through critique and presentations, students will develop their artistic project, artist statement and research paper related to their work. *Prerequisites: ART 3095 or Instructor Consent*

ART 4091 Senior Seminar II

4 credits

Senior Seminar II is the capstone for the Visual Arts major. This course will support students in finalizing artistic projects in preparation for a required exhibition, presentation or publication in late Spring. Students will finalize their body of work, artist statement, and thesis paper, which they developed during Senior Seminar I. *Prerequisites: ART 4090 or Chair Consent*

ART 4095 Independent Study

1-4 credits

Faculty supervised research

MSM 1001 Introduction to the World of Museums

4 credits

Museums inspire us through telling stories and they welcome nearly 1 billion people each year. This class will focus on the past, present, and future of these critical institutions. Students will learn about museums' public function and the work that goes on behind the scenes, with an emphasis on African American institutions. Through field trips and engagement with museum staff, readings, and case studies, students will gain an understanding of the diverse work conducted by professionals in this field.

MSM 1090 Special Topics

4 credits

MSM 2010 Museums and Collections I

4 credits

This course provides an overview of the inner workings of museums and their contributions to the public by collecting, preserving, and interpreting material culture. Art museums are the focus of the course, but other types such as history, ethnographic and science and children's museums, as well related sites such as zoos and public gardens, will be discussed. Topics covered include: the history of museums as foundation for assessing current challenges in the field, organizational structures, development and marketing, museum

education, the role of curators, management and care of collections, exhibition planning and the use of new technologies.

Prerequisite: ENG 1002

MSM 2011 Museums and Collections II

4 credits

This course will delve into best practices and discuss issues for museum administration, governance, exhibition development and evaluation, and staffing, including volunteers and docents. Students will identify best practices and procedures used by professional museum organizations to prepare for and attain accreditation. Students will learn about collection policies, accessioning, deaccessioning, and the process of documenting and cataloging natural history, art and material culture objects. Students will learn introductory best practices for general preservation and conservation processes. The course will culminate with a student-developed exhibition proposal.

MSM 2018 Barnes History and Methodology

4 credits

Taught at the Barnes Foundation in Philadelphia, this course surveys the aesthetic ideas of Dr. Albert Barnes (1872-1951) and provides insight into the history of the Barnes Foundation and its ongoing development, as well as issues related to museum education and organizational structure. Students explore visual aesthetics and communication through the elements and principles of design, analyze a variety of objects in the Barnes Foundation galleries, including African art and works by Renoir, Cézanne, Matisse, and Picasso, and explore society values in art and design to determine whether or not all works of art can be judged by a common standard of excellence. *Prerequisites: ART 1000 or ART 2000, and/or permission of instructor, advisor and chair.*

MSM 3010 Collections Management and Care

4 credits

This course introduces students to the care and management of museum collections. Students learn the responsibilities of collections management staff if the documentation of objects, writing policies for collections management, and establishing secure and appropriate storage practices. Other topics covered include: preservation and conservation, museum security, loan procedures, and related issues. The Lincoln University Collection of African Art and Material Culture is utilized to put course concepts into practice.

Prerequisite: MSM 2010

MSM 3020 Museum Education & Interpretation

4 credits

Museum Education is about enabling people, from all backgrounds and circumstances, to have unique and affirming experiences with collections and institutions. This course introduces students to best practices, trends, and innovation in the Museum Education field. Using case studies and publications, students will gain valuable skills in conceptualizing and collection based education programs and other opportunities for public engagement. Specific topics include promoting diversity, inclusion and equity; and developing museum-community partnerships. *Prerequisite: MSM 2011*

MSM 3021 Exhibition Design and Development**4 credits**

This course introduces students to the practical elements of exhibition design and development, addressing permanent and changing exhibitions for traditional and non-traditional venues. Through mentoring and hands-on experiences in design, installation, interpretation and de-installation, students will learn the steps required to create successful exhibitions. Other aspects include budgeting, collaboration and coordination with education and development, and audience pre-and post-evaluation. *Prerequisite: MSM 2011*

MSM 4050 Internship**4 credits**

This is a course for students who will complete an internship for academic credit. This internship may be taken in either fall or spring semester, or over the summer, but the student must complete a minimum of 220 hours at the internship host site. Along with prerequisites noted above, the student must have 75 earned credits. Students will apply theories and principles learned in the classroom to a professional internship in the museum field at an approved site. Throughout the internship, students will complete various tasks designed to reflect and enhance the internship experience, including weekly reports and maintaining a journal of activity that includes documentation of formal meetings, evaluations, projects, and accomplishments. The student will be required to submit a final written report as directed by the instructor.

MSM 4090 Senior Seminar**4 credits**

Senior Seminar is the “senior capstone” course for the Visual Arts major. Topics in this course will include contemporary issues and career opportunities in the arts, and information concerning graduate school choice and application. This course will assist the visual arts major to develop a professional portfolio of their creative works and/or academic research. Both Studio Arts and Museum Studies track students will make a formal presentation of their senior thesis topic to coincide with their senior thesis paper. Student’s writing portfolio will also include résumé, artist’s statement and additional writing samples. Studio arts track students will also create a holistic digital portfolio of their creative output. Exhibition methodology as well as pragmatic issues concerning an exhibition of art works will be covered. *Prerequisites: Completion of 4000 level studio, Pass or Conditional Pass of Writing Proficiency Portfolio and/or approval from major advisor and department chair.*

MSM 4095 Independent Study**1-4 credits**

Faculty supervised research

SCHOOL OF ADULT & CONTINUING EDUCATION

Lincoln University's School of Adult and Continuing Education has accelerated undergraduate programs geared toward the working adult with classes that are scheduled on weekday evenings and on Saturdays as well as graduate program in Education, Business, Human Services and Counseling. Programs are offered at Lincoln University's location at 3020 Market Street in Philadelphia – one block from the 30th Street Train Station.

Programs include undergraduate bachelor degree in Human Services. Graduate programs include the Master of Education with concentrations in Early Childhood Education, Educational Leadership, and a Dual Certification Early Childhood/Special Education, the Master of Business Administration (MBA) with concentrations in Finance and Human Resources Management, and the Master of Arts in Human Services.

Undergraduate Programs
Human Services
Graduate Programs
Business Administration
Early Childhood Education
Educational Leadership
Early Childhood Education and Special Education
Special Education
Human Services

Bachelor of Human Services (BHS-FLEX) Program

BHS-FLEX Program Description

The FLEX (Furthering the Lincoln Experience) Bachelor of Human Services (BHS) Program at Lincoln University offers an accelerated degree for adult learners who work in the human services field. This program prepares students for professional work in the human services and/or continued work at the graduate level in Lincoln University's Master of Human Services Program. The Program's adult-centered approach maintains high academic standards, while offering a personal academic plan-of-study for each student.

In keeping with the definition, mission and goals of the Human Services major for the Bachelor of Science degree at Lincoln University, the FLEX Program is career-oriented. It is designed to accommodate students that are currently employed in the field of human services and are interested in furthering their careers. The combination of a rigorous undergraduate course of study and supervised practicum will afford the students the opportunity to directly apply their learning and thereby enhance their professionalism.

Curriculum

The proved and tested undergraduate major in human services at Lincoln University serves as the foundation for the FLEX Program. All required core courses and major requirements have been incorporated, with minor modifications, to accommodate the mature student with related-work experience. Applicants should refer to the Human Services major requirements outlined in the psychology and human services department section of the catalog.

Student Learner Outcomes

Students completing this program will be able to:

- Apply effective human service skills, as well as the values and ethics necessary for working with individuals, groups, and communities to bring about social change;
- Apply theory to professional practice by engaging in service intervention modalities in a human services setting;
- Apply theories of management, research planning and evaluation as relevant tools in the field of human services;
- Apply knowledge of specific skills and techniques in their requisite agencies which are necessary to serve client populations; and
- Apply knowledge and techniques of cultural competence in the human services setting.

Transfer Credits and Prior Learning Credits

Credits earned from previous academic studies, life-learning experiences, and professional experience will allow the student to apply for advanced standing toward the undergraduate degree. Consequently, the FLEX Program serves as an accelerated bachelor's degree program. Students who transfer more than 60 approved credit hours from another institution must meet the residency requirement of at least two semesters (30 credit hours) inclusive of a summer session.

Students will meet the requirements of the Lincoln University core curriculum and the human services major by taking Lincoln University courses, passing College Level Examination Program (CLEP) tests, and preparing professional portfolios and presentations documenting prior learning using The Council for Adult and Experiential Learning (CAEL) standards. Students may also transfer courses that are documented by official academic transcripts with a grade of C or better. To meet graduation requirements, students will need to successfully satisfy coursework inclusive of core courses, major courses, and electives. Each student enrolled in the BHS-FLEX Program will receive individual academic counseling upon acceptance and enrollment in the program.

Program Logistics

The courses are offered at Lincoln University's Philadelphia location at 3020 Market Street. Classes meet on Saturday and on occasion some evenings during the week. Students attend classes every other week, while working online on the weeks that they are not in class. Students work in class and with a professional staff person to prepare for assessment for prior learning.

BHS Course Descriptions

See Department of Psychology and Human Services, as well as the Department of Sociology and Criminal Justice.

Master of Business Administration

Master of Business Administration – General (MBA)

Program Mission: Masters Business Administration (MBA)-MBA-General Business

The Lincoln MBA is a rigorous, multidisciplinary business education program designed to foster critical thinking and problem solving skills to drive organizational success and change. Graduates of the program gain the confidence to navigate complex business challenges and make meaningful contributions to their fields.

Program Description: The accelerated MBA is a one-year degree program (MBA-General Business). Our goal is to rejuvenate the accelerated MBA program by returning to its foundational academic principles approach to solving complex business problems as well as to nurture students to conduct minimally evasive research on human subjects by way of survey. The strength of the Lincoln MBA, at capstone, is a testimony to the program itself. The capstone reflects the overall effectiveness and future value it provides to students. At capstone, students become critical thinkers by conceiving and conducting original research under the guidance of faculty.

The Lincoln MBA has one main goal in mind educational quality.

Our mission is to nurture students as exceptional Lincoln products, equipping them with specialized skills, comprehensive knowledge, and a holistic development to meet the evolving demands of the business world and thrive as successful professionals.

Curriculum

The Lincoln MBA is a 36-credit graduate degree program. Students can complete the degree within a year, or three semesters, utilizing 7-week semesters named “Session A” and “Session B” consisting of two courses each. Courses meet on Saturdays from 8:30 AM to 7:00PM at 3020 Market Street. The curriculum students will study follows:

Admission Requirements:

Students with non-business or business undergraduate degrees students with core business course deficiencies after completing MBA foundation course will be well prepared for graduate business study. Since a considerable number of individuals entering the MBA program, regardless of having an undergraduate degree in business or not, have graduated from their undergraduate academic institution more than 3 years ago, this course seeks to not only level the disparities between business undergraduate and non-business undergraduate, but will also provide a refresher for the business undergraduate and an introduction to business concepts for the non-business undergraduate.

Summary Admission Requirements:

* An official transcript from an accredited four-year institution indicating a confirmed bachelor’s degree.

- * A cumulative undergraduate GPA of 2.70 or better on a 4.0 scale.
- * A current professional résumé.
- * Two letters of recommendation from practicing professionals, academics, or both that speak to your character and motivation to pursue graduate work.
- * Successful interview with the MBA Graduate Admissions Committee

Transfer Credits

The Lincoln MBA program will accept up to six graduate school credits in the field of business from an accredited institution, providing each course is a 3.0 or above on a 4.0 scale and official academic transcripts are provided.

SEMESTER-1 Fall			
Session A	MBA 705	Business Foundations	3 Credits
	MBA 722	International Human Resources Management	3 Credits
Session B	MBA 610/712	Business Statistics	3 Credits
	MBA 710	Management Information Systems	3 Credits
			12 Credits

SEMESTER-2 Spring			
Session A	MBA 714	Advanced Financial & Managerial Accounting	3 Credits
	MBA 717	Enterprise Risk Management	3 Credits
Session B	MBA 744	Advanced Corporate Finance	3 Credits
	MBA 700	Business Research Methods	3 Credits
			12 Credits

SEMESTER-3 Summer			
Session A	MBA 718	Survey Techniques	3 Credits
	MBA 774	Leadership	3 Credits
Session B	MBA 780	Entrepreneurship & Venture Capitalism	3 Credits
	MBA 800	Integrated Capstone Research Project	3 Credits
			12 Credits

Courses for MBA-General Business

Students must take all courses, unless an exemption or waiver is granted due to previously completed graduate work and/or the acceptance of transfer graduate credits from accredited institutions.

MBA 700 Business Research Methods	3
MBA 705 Business Foundations	3
MBA 710 Management Information Systems	3
MBA 712 Business Statistics	3
MBA 714 Advanced Financial & Managerial Accounting	3
MBA 718 Survey Techniques	3
MBA 717 Enterprise Risk Management	3
MBA 722 International Human Resources Management	3
MBA 744 Advanced Corporate Finance	3
MBA 774 Leadership	3
MBA 780 Entrepreneurship & Venture Capitalism	3
MBA 800 Integrated Capstone Research Project	3
Total Credits	36

MBA Integrated Capstone Research Project

This course is the final capstone course, allowing students to complete a 25-page journal article, a group project, or a 75–100-page thesis, with a formal defense required for the thesis option. The research project gives students the opportunity to identify an issue or problem that merits in-depth investigation. The investigation involves identification of a topic, application of a business research design model, undertaking a literature review, quantitative and qualitative collection of historical, current and/or extant data, data analysis and report of research findings and recommendations. Capstone models the format and structure of a graduate thesis.

A Department of Business and Entrepreneurial Studies faculty member will supervise students with an interest in his/her area of specialization from research proposal development to research project completion and oral defense.

MBA Course Descriptions

MBA 700 Business Research Methods

3 credits

This course is designed to teach students the fundamentals and application of business research techniques and methods that for-profit and non-profit organizations use to execute qualitative and quantitative managerial decisions. The scientific method that facilitates pure and applied research, empirical and abstract realities will be considered within the context of problem identification, opportunities, strategy implementation and research evaluation. The role of information technology, particularly the Internet, in business research and its influence

on global business transformation will be explored. Factors, such as CBA (cost-benefit-analysis), data sources and availability and other issues that impinge on managerial decision to conduct research is also a key focus of this course. Research process, stages and methods for data collection concludes the first part of the business research process.

MBA 705 Business Foundations

3 credit

This course provides a comprehensive overview of financial management, accounting fundamentals for proprietorships, and managerial economics. Topics include valuation, financial statements, capital budgeting, risk assessment, transaction recording, and ledger maintenance. It also covers microeconomic and macroeconomic theories relevant to managerial decision-making, encompassing market structures, pricing strategies, macroeconomic indicators, and international trade impacts. Through case studies and applications, students integrate economic principles into strategic managerial decision-making processes.

MBA 710 Management Information Systems

3 credits

Management information systems technology is pervasive in every aspect of an organization. A modern enterprise's competitive capabilities, productivity, efficiency and effectiveness are dependent on the workforce's ability to understand, use and apply technology to achieve organizational goals. Because of its dynamic nature, managers are required to be at the cutting-edge of current, emergent, and disruptive information systems technologies. Unlike traditional MIS instructional delivery, this innovative course departs from tradition by first discussing the organizational strategic business initiatives and then analyzes how the available technologies can be harnessed to support them. The hypothesis is that business decisions should drive technology decisions and choices. The course will cover and integrate the core theories, concepts and applications of the MIS discipline and strategic business management. Students' knowledge of the discipline will be enhanced through questions, case studies, exercises, and group and individual projects.

MBA-712/610-25A: Business Statistics

3 credits

This course introduces students to core statistical concepts and applications as they apply to a variety of functional areas in business, such as accounting, economics, finance, information systems, management, and marketing. Spreadsheet and statistical software will be used to integrate the fundamental statistical concepts of data collection and interpretation, forecasting, frequency distribution, descriptive measures, probability, distribution, confidence interval, hypothesis, chi-square, and regression analysis and experimentation. These concepts are adapted and applied in managerial decision-making context. Prerequisites: None

MBA 714 Advanced Financial & Managerial Accounting

3 credits

This course focuses on core accounting concepts as well as tools needed by managers to create the key financial statements that reflect an organization's financial health. Selected topics includes, determining the difference between financial accounting and managerial accounting and their inter-relationship, understanding accounting cycle, analyzing financial statements, evaluating decision making tools for cost-volume-profit analysis, capital budgeting for

investments, and time value of money. Course emphasis will be given to the application of concepts and decision tools for managerial decision-making.

MBA 717 Enterprise Risk Management

3 credits

Enterprise Risk Management (ERM) is a methodological approach to firm risk management using a strategic perspective lens. With this risk management strategic lens, a firm should aim to identify, assess, and prepare for potential losses, dangers, hazards, and other potential harms that can impair firm operations and objectives. Students will study risk control strategies such as risk avoidance, transfer, mitigation, and acceptance. Students will also explore the integration of risk management into the firm's culture as an inherent aspect of decision-making.

MBA 718 Survey Techniques

3 credits

This course will provide students with a comprehensive understanding of survey research methodologies and techniques, including the design and construction, implementation, analysis, and validation of survey instruments. Students will develop the technical skills necessary to design high-quality surveys and analyze and interpret survey data.

Prerequisites: MBA 712 Business Statistics & MBA 700 Business Research Methods.

MBA 722 International Human Resources Management

3 credits

The growth of multinational, global and transnational enterprises and the proliferation of information and communication technologies have compressed geographic, organizational, and nationalistic boundaries. Human resources managers are confronted with the task of negotiating the strategic drivers of human resources policies, practices and activities at the local, domestic and international levels.

MBA 744 Advanced Corporate Finance

3 credits

Advanced corporate finance provide a comprehensive grounding in corporate financial policies, strategies and managerial decisions as they relate to an organization's capital structure and capital investment decisions and projects; governance and complex financial ownership structures; principal-agent stakeholder relationships and conflicts; dividend and repurchase issues; mergers, acquisitions, and divestitures; financial distress, liquidation and resolution; risk management and insurance; and economic rationalization. Using theoretical and empirical studies and practices, the course will expose students to the Modigliani-Miller (M&M) proofs of capital structure irrelevance; financial decisions under ideal or perfect market conditions and market imperfections; Capital Asset Pricing and Black-Scholes Option Pricing Models; information asymmetry between a publicly traded firm and outside investors; the role of capital markets, the government, board oversight, the firm's industry, and debt and equity management on the firm's financial policies and strategies and organizational architecture will be studied and applied. *Prerequisite: MBA 742 or permission of the director or chair*

MBA 774 Leadership**3 credits**

This course will examine the multi-faceted nature, concept, context and distinction between leadership and management as it is practiced and applied in the workforce. The approaches to several dimensions of leadership (transformational, charismatic, and transactional) as proposed and promulgated by theorists, researchers, scholars, and practitioners will be examined for applicability to twenty-first century organizations. Social, hierarchical, political and power relationships among leaders, followers and constituents are conceptualized and exposed to arrive at an articulated framework for understanding their dynamic interaction in the development of a strong corporate culture that builds "high-performance human systems".

Prerequisite: MBA 722 or permission of the director or chair

MBA 780 Entrepreneurship and Venture Capitalism**3 credits**

This course provides a framework for understanding the entrepreneurial process that includes opportunity recognition and feasibility analysis, a solid business idea, a strategic business and executable plan that maximizes the chances for commercial success in the marketplace, and strategies for growing the entrepreneurial firm. Since many new ventures struggle or fail in the first or second year of their existence, this course will analyze the success or failure of real-life entrepreneurial startups and suggest, through case studies supplemented by lectures and guest speakers, effective and efficient financial, marketing, management, and business strategies and practices that minimize failures. Students will learn how to develop an entrepreneurial mindset, build social and business networks, and become resource gatherers of human, social, physical, technical, and financial capital. The many approaches to securing funding, with a special emphasis on venture capitalism, will be studied and applied. Students will produce a comprehensive concept plan for an entrepreneurial business. *Prerequisite: MBA 756 or permission of the director or chair*

MBA 800 Integrated Capstone Research Project**3 credits**

MBA 800 is the terminal capstone course for the MBA program. It may be completed as a journal article of 25 pages, part of a group project (of recommended pages by the Business Research instructor), or a formal scholarly thesis of 75-100 pages. Students who plan to pursue a doctorate are urged to consider the thesis option. Regardless of the selected option, students will be academically advised during the capstone development, writing, completion, and defense (if a thesis option) stages. A formal thesis defense presentation to a committee of graduate and undergraduate professors is required. The journal article and group project are not defended. However, students will present the results of their research to their instructor and invited professors.

Department of Education – Graduate Programs

Mission Statement

In accordance with the mission of Lincoln University of Pennsylvania and the School of Adult and Continuing Education, the Education Department has as its primary goal the preparation of outstanding professional educators and school administrators who will teach or serve in diverse educational settings. The department prepares teacher and educational leadership candidates for a technologically driven, ever-expanding, changing and dynamic world.

Programs

Master of Education (M.Ed.) in:

Early Childhood Education Pk-4

Educational Leadership Pk-12

Early Childhood Education, Pk-4, and Special Education, Pk-12 Dual Certification

Special Education Certificate Program, Pk-12

Early Childhood Education (M. Ed.)

Certification and Research Tracks

The Early Childhood Education Pk-4 program at Lincoln University is designed to prepare students to become highly qualified ECE professionals in order to teach in the surrounding and urban school settings. The goals of the program are to understand development, cognition, and learning for children from birth to age 9; master subject matter content and pedagogy for Pk-4; understand and administer assessment tools: Pk-4; develop the ability to establish family and community collaboration partnerships: Pk-4; be aware of professionalism required to serve in Pk-4 learning environments; and acquire knowledge about adaptations and accommodations for diverse learners, including English Language Learners, in inclusive settings. The program provides students with opportunities to develop the required skills, knowledge and dispositions to be competitive in acquiring teaching positions in public and private schools from Pk-4 and to be academically prepared to participate in postgraduate education.

Admission Requirements

Candidates must:

1. Possess an undergraduate degree from an accredited college or university
2. Provide official transcripts of undergraduate and graduate course work.
3. Show evidence of a minimum 3.0 cumulative GPA on a scale of 4.0 in undergraduate course work --or-- a minimum 3.0 cumulative GPA on a scale of 4.0 for a minimum of 12 graduate-level credits *for Lincoln University/accredited college course work.*
Undergraduate GPA of 2.75-2.99 will be considered for provisional admission.
Applications are reviewed on an individual basis. Candidates must then earn a 3.0 or higher during the first 12 credits to be considered for full admission.

4. Submit a completed Graduate Program application with a \$50 nonrefundable application fee (money order only).
5. Provide an updated résumé /CV.
6. Submit a 300-500 word essay explaining future goals based on the selected graduate program.
7. Provide three (3) letters of recommendation.

* Candidates may transfer up to six (6) credit hours of graduate level coursework from other accredited institutions with the approval of the academic advisor and/or the chair of the Education Department.

Course Requirements (36 credit hours, research track; 42 or 48 credit hours, certification track)

EDU 601 Theoretical Foundations of Reading Instruction	3
EDU 604 Educational Assessment & Evaluation	3
EDU 606 Foundations of Education	3
EDU 607 Literature & Literacy	3
EDU 612 Child Development	3
EDU 614 Foundations in Special Education	3
EDU 616 Cultural & Linguistic Diversity: Instructional Strategies	3
EDU 622 Inclusion of Special Needs Children in Regular Classrm	3
EDU 623 Methods in Science and Social Studies	3
EDU 625 Methods: Elementary School Mathematics	3
EDU 626 Schools/Families/Communities	3
EDU 661 Research Methods in Education	3

Total **36**

For Candidates in the Certification Track

EDU 501 Student Teaching (working with a classroom teacher)	12
EDU 503 Student Teaching (employed as a classroom teacher)	6

Total **6 or 12**

Exit Criteria

To be eligible for the Degree of Master of Education with a concentration in Early Childhood Education Pk-4, the candidate must:

1. Complete all required course work.
2. Maintain a minimum 3.0 GPA on a 4.0 scale.
3. Complete the required course work within a five-year time frame.

To be eligible for the Degree of Master of Education with a concentration in Early Childhood Education Pk-4 with certification, the candidate must:

4. Pass EDU 501/503 Student Teaching with a B or higher grade.

Educational Leadership (M. Ed.)

Lincoln University's Master of Education (M.Ed.) degree in Educational Leadership/Principal Certification Program is designed to prepare qualified and effective Pk-12 school administrators and instructional leaders, produce effective Pk-12 school principals who can also serve as positive change agents in the community, and develop school leaders with the necessary skills and capacity to improve student learning based upon research, assessment and the implementation of best practices. The Educational Leadership program was developed in accordance with the Pennsylvania Department of Education's framework and guidelines for principal preparation programs.

Candidates have the option of earning a M.Ed. in Educational Leadership (research track) or a M.Ed. in Educational Leadership with Principal Certification (certification track).

Candidates may transfer up to six (6) credit hours of graduate level coursework from other accredited institutions with the approval of the academic advisor and/or the chair of the Education Department.

Course Requirements (36 credit hours, research track; 42 credit hours, certification track)

Required Administrative Courses (30 credit hours)

EDU 631 Human Resource Management in Education	3
EDU 632 Ethics in Educational Leadership	3
EDU 634 School Law	3
EDU 636 K-12 School Administration & Assessment	3
EDU 638 Curriculum Design & Instructional Improvement	3
EDU 642 Supervision and Instruction in K-12 Schools	3
EDU 647 School Finance & Fiscal Affairs	3
EDU 656 The Principalship	3
EDU 657 Instructional Leadership	3
EDU 658 School & Community Relations	3
Total	30

Required Capstone (6 credit hours)

EDU 661 Research Methods in Education	3
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Select one (1):

EDU 662 M.Ed.El Thesis Project	3
EDU 663 M.Ed.El Comprehensive Examination	3
Total	6

Required Field Experience for Certification Track Only (6 credit hours)

EDU 659 Pk-12 Principal Internship I	3
EDU 660 Pk-12 Principal Internship II	3
Total	6

Exit Criteria

To be eligible for the Degree of Master of Education in Educational Leadership, the candidate must:

1. Complete a minimum of 36 credit hours (research track) or 42 credit hours (certification track)
2. Complete all required coursework.
3. Maintain a minimum 3.0 GPA on a 4.0 scale.
4. Fulfill the academic requirements for the Pennsylvania Pk-12 Principal Certificate (certification track).
5. Complete the required course work within a five-year time frame.
6. Write a thesis and successfully pass the oral examination, or successfully pass the comprehensive examination.

Early Childhood Education & Special Education (M.Ed.) – Dual Certification

Lincoln University's post baccalaureate Early Childhood Education Pk-4/Special Education Dual Certification Program aims to prepare professionals in the education of all children including exceptional children and youth who will be scholarly in their academic pursuits. Lincoln University's post baccalaureate Early Childhood Education degree program with dual certifications is designed to develop ethical scholar-practitioners who will be committed to social justice, capable of working with diverse populations in a variety of social and cultural contexts, and prepared to serve in a variety of professional roles. The assessment techniques and strategies used in the education of exceptional children, research-based methodologies and instruction, and program evaluation are major components of the program.

Course Requirements (54-60 credit Hours)

EDU 601 Theoretical Foundations of Reading Instruction	3
EDU 604 Educational Assessment & Evaluation	3
EDU 606 Foundations of Education	3
EDU 607 Literature & Literacy	3
EDU 612 Child Development	3
EDU 614 Foundations of Special Education	3
EDU 616 Cultural & Linguistic Diversity: Instructional Strategies	3
EDU 622 Inclusion of Special Needs Children in Regular Classrm	3
EDU 623 Methods in Science and Social Studies	3
EDU 625 Methods: Elementary School Mathematics	3
EDU 626 Schools/Families/Communities	3
EDU 661 Research Methods in Education	3
EDU 664 Assistive Technology in Special Education	3
EDU 665 Special Education Law	3
EDU 666 Instructional Strategy for Teaching Students with High Incidence Disabilities	3
EDU 667 Instructional Strategy for Teaching Students with Low Incidence Disabilities	3

Total	48
EDU 501/503 Student Teaching	12/6
Total	54 or 60

Exit Requirements for the Early Childhood Education & Special Education Dual Certification Program

Eligibility for Early Childhood Education & Special Education Dual Certification is based on:

1. Successful completion of all required courses
2. A minimum cumulative grade point average of **3.0** on a **4.0** scale.
3. Completion of all course work within a five-year time frame.
4. Successful completion of student teaching (B grade or higher)

Special Education Pk-12 Certification

Course Requirements (33-39 credit hours)

EDU 601 Theoretical Foundations of Reading Instruction	3
EDU 614 Foundations in Special Education	3
EDU 616 Cultural & Linguistic Diversity: Instructional Strategies	3
EDU 622 Inclusion of Special Needs Children in Regular Classrm	3
EDU 625 Methods: Elementary School Mathematics	
EDU 664 Assistive Technology in Special Education	3
EDU 665 Special Education Law	3
EDU 666 Instructional Strategy for Teaching Students with High Incidence Disabilities	3
EDU 667 Instructional Strategy for Teaching Students with Low Incidence Disabilities	3
Total	27
EDU 501/503 Student Teaching	12/6
Total	33/39

Exit Requirements for the Special Education Pk-12 Certification Program

Eligibility for Special Education Pk-12 Certification is based on:

1. Successful completion of all required courses
2. A minimum cumulative grade point average of **3.0** on a **4.0** scale.
3. Completion of all course work within a five-year time frame.

Special Education Expansion Courses

Course Requirements (6 credit hours)

EDU 668 Reading Intervention & Behavior Strategies for Students with Disabilities	3
EDU 669 Transition Services Age 13+	3
Total	6

Graduate Education Course Descriptions

EDU 501 Student Teaching

12 credits

The course aims to review important theories and practices in education resulting from recent experimental research, to prepare the students for a period of student teaching in cooperating schools, and to supervise and direct an actual teaching experience in such schools. This course is offered to candidates who are not full-time classroom teachers when signing for this course. Since substitute teachers are not full-time teachers, they fall into this category. Lincoln University's Office of Student Teaching will make the necessary arrangements with local school districts to have student teaching candidates assigned to classrooms that already have certified teachers who serve as cooperating teachers or mentors. Student teaching candidates will be placed in pre-kindergarten, kindergarten, or grade 1-4 school classrooms where they spend 14 weeks as classroom teachers closely monitored by cooperating teachers and a graduate faculty member from Lincoln University. A certified and experienced classroom teacher, commonly known as a cooperating teacher, must be present in the class with the student teacher when the student teacher performs his or her teaching duties. The university faculty assigned to teach EDU 501 will hold post-site visitation meetings with student teachers to discuss the strengths and weaknesses observed during the visit. Such visitations must take place 4 to 6 times for a minimum of 30 minutes each visit during the semester. The university professor will remain at the site to the end of the session to meet with the student teacher and the cooperating teacher to discuss the classroom observation.

EDU 503 Student Teaching

6 credits

The course aims to review important theories and practices in education resulting from recent experimental research, to prepare the students for a period of student teaching in the school where they regularly teach, and to supervise and direct actual teaching experiences in their own classrooms. Non-certified full-time classroom teachers who run their own classrooms without the company of certified teachers may sign for this course. In this case, instead of a cooperating teacher, a mentor will be assigned by the school administration to monitor the student teachers' overall classroom performance. The mentor could be an experienced and certified teacher from the next classroom or from the school where he or she makes frequent visits to the student teacher's classroom for evaluation. The university professor assigned to teach EDU 503 will make at least 4 visitations of 20 minutes each during the semester and hold post-observation meetings with the student teacher to discuss the observed strengths and

weaknesses as well as meeting with the mentor and student teacher together or separately as needed. Student teaching candidates must teach in a classroom between Pk and grade 4.

EDU 599 PECT Prep Lab

0 credits

This course is designed for PECT Module 1 Child Development, Assessment, Professionalism; Module 2 Language Arts Literacy, Social Studies, Arts; and Module 3 Math, Science, Health. This training is offered in the fall and spring semesters. The training lasts for 10 to 12 weeks meeting for two hours once a week. The training will help candidates understand the nature of PECT exams, prepare them for the exams, and help them develop a “PECT State of Mind.” Students will learn to read test questions critically, prepare targeted study plans, and get tips that will improve their chances of passing the PECT tests.

EDU 601 Theoretical Foundations of Reading Instruction

3 credits

This course is designed to provide teachers with a basic understanding of the reading process, with a focus on Pk-4 learning. Emphasis will be placed on the significant research, which establishes the theoretical foundation for reading instruction. Classroom discussion will include an analysis of the research and its practical application in the classroom. Field hours will be required.

EDU 604 Educational Assessment & Evaluation

3 credits

This is an introductory course designed to provide students with an understanding of the role of assessment and evaluation as utilized in educational settings, particularly Pk-4. Emphasis will be placed on assessment of students, teachers, instructional practices, and schools. Opportunities for reviewing and interpreting evaluation tools and data will be provided. The social, political, and cultural perspectives of assessment and changing paradigms will be among the topics investigated. Field hours will be required.

EDU 606 Foundations of Education

3 credits

This course reviews information on the philosophical, historical, social, cultural, political, and economic foundations of education. Students will analyze professional aspects of education, e.g., collective bargaining, strikes, professional organizations. Additionally, the course examines and evaluates curricular innovations in education. Students will critique contemporary issues of American education and apply their knowledge of the American educational system to develop and write a plan to meet the learning needs for the next decade. Field hours will be required.

EDU 607 Literature & Literacy

3 credits

This course will offer an exploration of literature of Pk-4 children and the development of literacy through literature. The course will focus on theoretical and practical aspects of the study of literature. Students will be given opportunities to develop instructional strategies and techniques necessary for the integration of literature into the Pk-4 school curriculum. Field hours will be required.

EDU 612 Child Development**3 credits**

This course is designed to provide an understanding of typical and atypical children, ages birth to 12. It will focus on cognitive development, theories of language acquisition, and the relationship between language acquisition and mental development. Attention will also be given to the practical environmental dimensions of the day care center as they affect the learning of the preschool child. Opportunities for observation of preschool children will be provided. Field hours will be required.

EDU 614 Foundations of Special Education**3 credits**

This course is designed to provide teacher candidates with the philosophies and practices in the development and education of special needs children from birth to age 12. Instructional content and design will detail the cognitive, social, emotional, physical, motor, language, and literacy growth children make as they progress on a developmental continuum through the primary grades. Teacher candidates will develop instructional strategies and techniques that effectively promote student learning for special needs students. Field hours will be required.

EDU 616 Cultural & Linguistic Diversity: Instructional Strategies**3 credits**

This course prepares students to effectively teach children in Pk-4 who are English Language Learners. Course content will include the process of English language acquisition and effective strategies that will meet the educational and social needs of English Language Learners. Field hours will be required.

EDU 620 Special Topics in Early Childhood Education**3 credits**

The course is designed to give candidates the professional communication and collaboration skills needed to work effectively with children in early childhood environments, Pk-4. When candidates understand that there are core connections that blend content knowledge and practice, they can apply this knowledge to improve relationships among school, family and community. These connections will lead to improving a child's childhood and enhance academic success. Knowledgeable professional guidance can ultimately result in influencing the development of a child who will become an asset to his/her community. (Course content varies according to expertise of the course instructor.) Field hours will be required.

EDU 622 Inclusion of Special Needs Children in the Regular Classroom**3 credits**

This course is designed to provide teacher candidates with the opportunity to acquire an understanding of literacy learning and ways of differentiating instruction to meet the needs of all students in inclusive and non-inclusive classrooms. Candidates will have opportunities to develop instructional strategies and techniques grounded in essential knowledge and skills to implement differentiated instruction (DI) in the classroom. Skillful use of DI will serve to increase student progress in literacy learning. Field hours will be required.

EDU 623 Methods in Science and Social Studies**3 credits**

This course is designed to provide a practical, functional approach to the design and integration of the content areas of social studies and science in the elementary school. Major emphases include: (1) knowledge of basic social studies and science concepts and processes, (2)

systematic instructional design of lessons and units, (3) questioning, thinking and problem-solving, (4) inclusion of literature in the study of science and social studies, (5) teaching/learning strategies, and (6) evaluation techniques. Field hours will be required.

EDU 625 Methods: Elementary School Mathematics

3 credits

This course is designed to provide an examination of mathematics instruction in Pk-4 settings. Students will be given opportunities to develop instructional strategies and techniques and will use them in Pk-4 settings. Field hours will be required.

EDU 626 Schools/Families/Communities

3 credits

The course is designed to give candidates the professional communication and collaboration skills needed to work effectively with children in early childhood environments, Pk-4. The course will focus on the central role families play in the development of children with and without disabilities. It will emphasize the need to respect the variations in beliefs, traditions, and values among diverse populations.

EDU 631 Human Resource Management in Education

3 credits

This course is designed to provide students with basic knowledge of the laws directly affecting public and non-public education in the United States. The material will cover principles of law applied to the problems of education. Students will be required to analyze and synthesize judicial interpretations of state or federal constitutions, statutes, rules and regulations, and the common law in an objective manner. The provisions of federal and state special education mandates, judicial interpretations, and the state of Pennsylvania's guidelines regulating the delivery of educational and vocational services to persons with special needs will also be addressed. Moreover, the students will be challenged to concern themselves with federal laws, such as No Child Left Behind (NCLB), and mandates which clarify not only what school law is but also what it should be. Field hours will be required.

EDU 632 Ethics in Educational Leadership

3 credits

This course is designed to provide leaders with an in-depth examination of the current and anticipated ethical issues and dilemmas facing leaders in the role of character education in our society. Addressing these ethical issues will lead to the academic success of all Pk-12 students, including those with learning disabilities and those who come from linguistically and culturally diverse backgrounds. Field hours will be required.

EDU 634 School Law

3 credits

This course is designed to provide students with basic knowledge of the law directly affecting public and non-public education in the United States. The material will cover principles of law applied to the problems of education. Students will be required to analyze and synthesize judicial interpretations of state or federal constitutions, statutes, rules and regulations, and the common law in an objective manner. The provisions of federal and state special education mandates, judicial interpretations, and the state of Pennsylvania's guidelines regulating the delivery of educational and vocational services to persons with special needs will also be addressed. Moreover, the students will be challenged to concern themselves with federal laws,

such as No Child Left Behind (NCLB), and mandates which clarify not only what school law is but also what it should be.

EDU 636 K-12 School Administration & Assessment

3 credits

This course is designed to equip current and future elementary and secondary principals with the processes, concepts, and competencies required to change complex organizational environments. Each candidate will have a clear understanding and acceptance of differences in culture, ethnicity, gender, age, religion, socio-economic status, lifestyle orientation, language, abilities, disabilities, and aspirations of individual learners. The goal is to prepare effective leaders who can shape and direct effective schools. Emphasis will be given to the various dimensions of the leadership role in educational assessment, problem-solving, and decision-making processes for strategic planning and implementation. Field hours will be required.

EDU 638 Curriculum Design & Instructional Improvement

3 credits

This course is designed to provide teachers, supervisors, and school administrators with the realistic concepts of curriculum and instruction as used in schools. An emphasis will be placed on an inclusive curriculum aimed to be suitable to all children including those with special needs. The course examines the major educational curricular philosophies, both historical and current, and their implications for the development of curriculum in a classroom; management of a curriculum in a school or local school setting; curriculum policy-making; and development of curriculum plans and materials. The course provides opportunity to design instructional units across the various disciplines and develop appropriate assessment techniques to closely assess students' academic performance and achievement.

EDU 642 Supervision and Instruction in K-12 Schools

3 credits

This course is designed to acquaint students with supervision for instructional improvement. Students will examine the assumptions and goals which have guided supervision of teachers throughout different movements, develop knowledge of the interpersonal characteristics and functions required of a supervisor, and reflect upon the supervisor's role in creating positive educational change. Further, this course is intended to familiarize students with principles, practices, trends, and issues related to ethics in school supervision and instruction. The course will also address school-based management, applications of total quality management, and structuring staff evaluation and supervision.

EDU 647 School Finance & Fiscal Affairs

3 credits

This course is designed to help prospective administrators understand how schools and school districts function from a financial perspective. It also examines how school finance formulas and structures function in relation to state and local government policies affecting fiscal decision-making. As future leaders, candidates will learn the essentials in school accounting, budgeting, financing, investing, financial regulations and requirements, and computer applications. The course will also address the importance of using an appropriate assessment technique to make data-driven decisions in creating and meeting a school improvement plan.

EDU 656 The Principalship**3 credits**

This course will explore the Principalship using specific points of view such as reflective, proactive practice or instructional leadership. Students will be provided with a clear organizational framework for school leadership. This course will enable potential principals to repeatedly adjust themselves to unique school environments and students' academic performance and achievement in order to develop a school improvement plan that captures a vision for the future. They will explore strategies for providing systematic ways in which the novice can structure professional social-interaction perspectives with special emphasis on work group development, ongoing instructional leadership, diagnostic methods, and the reflective approach to becoming a principal. Field hours will be required.

EDU 657 Instructional Leadership**3 credits**

This course is designed to help prospective principals and supervisors increase their knowledge and skills in the primary area of curriculum instruction based up on data derived from research. The course presents concepts and research findings that when understood can improve students' problem solving and leadership effectiveness and ability to make data-driven decisions. Emphasis is placed on the development and research skills associated with instruction, pedagogy and evaluation in inclusive classrooms. The various modes of strategic planning for instruction, feedback, and assessment are covered. Further, this course will provide each candidate an opportunity to reflect on her/his personal ethical stances and to analyze and critique ethical issues in a variety of personal contexts as future instructional leader. Field hours will be required.

EDU 658 School & Community Relations**3 credits**

This course explores two areas of school leadership that are essential for improving student achievement: (a) developing a vision of teaching and learning that is shared by all stakeholders, and (b) enhancing school-community relationships. The course examines ways to develop, communicate, implement, and monitor/evaluate a shared vision; and examines the importance of understanding and responding to community needs, valuing diversity, striving for equal educational opportunity and equity, and improving the quality and nature of school/community interactions. Students will assess, reflect on, and improve their own interpersonal skills; explore basic principles of effective communication and public relations; and apply those skills and principles in authentic settings. The course emphasizes the school leader's role in developing and maintaining sensitive, ethical, and open communication with and among all individuals, communities, and constituencies served by the school. The primary emphases of the course are strategies to involve teachers, administrators, parents and policymakers in decision-making and to maintain effective public relations with key community groups. Field hours will be required.

EDU 659 and EDU 660 Elementary & Secondary Principals Internship I & II 3 credits each

These courses are field-based experience worth 180 hours each. They are offered consecutively from fall through spring academic sessions in given K-12 school settings and practiced under the supervision of a qualified School Principal or Administrator working in collaboration with Lincoln University's Internship Faculty. The purpose of these internships is to provide potential K-12 school principal candidates a year of experiential learning activities and provide them with

on-the-job methods and practices of successful school leadership. Candidates will be able to demonstrate integrated experiential, empirical and theoretical knowledge of school administration and leadership.

EDU 661 Research Methods in Education

3 credits

This course is designed to introduce students to education research methods and data-Driven decision making. Major emphasis will be placed on Action Research and Case Study research methods. Candidates will have the opportunity to apply the two research approaches to identify educational needs of targeted populations, to develop and assess educational intervention procedures and programs and to recommend areas for school improvement and policy focus. Through research and review of the literature, students will have the opportunity to develop their understanding of both quantitative and qualitative research designs, data collections, and analysis. Overall, the course will provide the student with the skills required for accessing, analyzing and contributing to knowledge in the field of education and becoming better educational and behavioral researchers.

EDU 662 M.Ed.El Thesis Project

3 credits

This course is designed for M.Ed. students in the Educational Leadership Program who choose to write a thesis project over taking the Comprehensive Examination. Candidates are expected to produce a scientific research report and successfully defend before the thesis committee. It involves either theoretical research or empirical research that identifies an issue or question, reviews the literature, designs a study, gathers and analyzes data or evidence, and presents interpretations or conclusions.

EDU 663 M.Ed.El Comprehensive Examination

3 credits

This course is designed for those interested in taking the comprehensive examination. Questions for the Educational Leadership comprehensive examination are drawn from the required Educational Leadership courses, which include EDU 631 (Human Resource Management in Education), EDU 634 (School Law), EDU 636 (K-12 School Administration & Assessment), EDU 638 (Curriculum Design & Instructional Improvement), EDU 642 (Supervision and Instruction in K-12 Schools), EDU 647 (School Finance & Fiscal Affairs), EDU 656 (The Principalship), EDU 657 (Instructional Leadership), and EDU 658 (School- Community Relations).
Prerequisite: EDU 661, minimum grade B

EDU 664 Assistive Technology in Special Education

3 credits

This course examines the role of assistive and augmentative technology within the field of special education. Students will be able to assess the technology needs of special needs students, and complete all IDEA IFSP/IEP mandated documents. Students will develop high and low tech materials for a wide range of special needs students. Field hours will be required.

EDU 665 Special Education Law

3 credits

Students will gain a greater understanding of both federal and state special education laws including Section 504 of the Rehabilitation Act of 1973, No Child Left Behind Act (NCLB), Individuals with Disabilities Education Improvement Act (IDEIA 2004), and the Family

Educational Rights and Privacy Act (FERPA). Emphasis will be placed on turning educational and legal theory into practice through the use of educator workshops. Students will review the most current cases and trends in special education law, analyze cases, and learn how to research both statutory and case law.

EDU 666 Instructional Strat. for Teaching Students w/ High Incidence Disabilities 3 credits

This course is designed to permit students to examine characteristics and teaching methodologies of 3- to 12-year-old students with “high incidence” disabilities, which include specific learning disabilities, speech and language disorders, mild social and emotional disorders, and mild intellectual disabilities. Students are required to complete observation and practicum experiences with students with high incidence disabilities, as specified in the course syllabus. Field hours will be required.

EDU 667 Instructional Strat. for Teaching Students w/ Low Incidence Disabilities 3 credits

In this course, students will examine characteristics and teaching methodologies of 3 to 12 year-old-students with “low incidence” disabilities, which include moderate to severe intellectual disabilities, social and emotional disorders, autism, traumatic brain injury, and physical and other health impairments. Students are required to complete observation and practicum experiences with students with low incidence disabilities, as specified in the course syllabus. Field hours will be required.

EDU 668 Rdg Interv & Beh Strats for Disab

3 credits

This course will provide knowledge of effective behavior intervention strategies for struggling readers in Pre-Kindergarten to 12 inclusive settings. Students will explore how literacy skills are impacted by various disabilities and challenging atypical behaviors. Students will create Positive Behavior Interventions Support Plans and evaluate their effectiveness in literacy classrooms. Infused throughout the course are reading and behavioral intervention strategies that can be used to accommodate included students in the general-education curriculum. Students will be taught how to apply and implement the information from this course into inclusive classrooms.

EDU 669 Transition & Other Svcs Age 13-21

3 credits

The focus of this course is to provide knowledge and skill development for the transition planning of students with disabilities. This class will emphasize collaboration among professionals, families, and students with disabilities in academic, vocational, and community settings. Students will be taught evidence-based practices to enhance post-school outcomes including assessment, instructional strategies, and identified predictors of post-secondary transition to post high school and employment. Students will explore important topics such as transition-related legislation; local, state, and national resources; inclusive secondary education; self-determination, family involvement, interagency collaboration, and transitional Individualized Education Programs (IEPs).

Master of Arts in Human Services

The Master of Arts in Human Services Program is designed for working adults with administrative/supervisory positions in human services agencies who are looking to gain graduate credentials and move up the career ladder. The MAHS program builds on prior knowledge and experience as it prepares experienced human service workers to bring about effective change through a combination of academic and performance-based learning, using a systems approach to research and solve problems at the personal, agency, and community levels. The program's aim is to produce leaders with the skills to administer programs effectively, develop and implement policies efficiently, and manage employees ethically and productively.

This competency-based graduate program has been developed for working adults by experienced practitioner educators. It requires 30 hours of academic credit, a cumulative grade point average of 3.00 (B) or better and can be completed in sixteen months.

Master of Arts in Human Services Program

Required Courses (3 credits each)

Semester I

MAH 611 Writing Skills for Human Services Practitioners	3
MAH 612 Life Span Development	3
MAH 613 Theories of Intervention	3

Semester II

MAH 621 Professional Ethics in Client Care	3
MAH 622 Tools and Models for Human Services Managers	3
MAH 623 Action Research	3

Semester III

MAH 631 Group Dynamics	3
MAH 632 Planning and Effecting Community Change	3

Semester IV

MAH 641 Social Policy & Program Evaluation	3
MAH 642 Case Management	3
MAH 643 Field Experience	3

Total	33 credits
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Exit Criteria

To graduate with an MAHS degree, students must maintain a 3.0 GPA on a 4.0 scale, complete all required coursework including the design of a final agency-based project proposal presented both orally and in writing.

Master of Arts in Human Services Course Descriptions

MAH 611 Writing Skills for Human Services Practitioners

3 credits

This course will help students improve their academic and professional writing skills. By creating and refining a variety of professional documents (proposals, reports, web-based prose, PowerPoint presentations, and academic research), students will learn to write with clarity, conciseness, correctness and conviction.

MAH 612 Life Span Development

3 credits

This course focuses upon psychological development throughout life span. Emphasis is placed on developmental theories and concepts focused on biological, psychological, and sociocultural aspects of growth and change. Students have the opportunity for assessment of their own developmental process, self-needs and strengths. Theories are applied to students' personal and professional experience.

MAH 613 Theories of Intervention

3 credits

This course evaluates the efficacy of the traditional Western-European paradigm underlying the social science field and social practice perspectives. Social science literature utilizes a myriad of theoretical perspectives and research approaches to enhance students'/practitioners' understanding of various aspects of culture, race, sexuality, socioeconomic status, ability, gender etc. Emphasis is given to these and other constructs that are relevant for effective service delivery. Finally, the course reveals the elusive concept of privilege and power and how it is woven into the discourse and interaction between dominant and oppressed groups.

MAH 621 Professional Ethics in Client Care

3 credits

The course focuses on the principles of professional ethics in helping relationships with the primary attention given to ethical and philosophic traditions from a variety of continents and epochs in history. Consideration is given to multi-cultural concerns, codes of ethics in human services, and ethical issues faced by clients in helping relationships. Approaches to values are distinguished (e.g. philosophical, psychological and interdisciplinary).

MAH 622 Tools and Models for Human Services Managers

3 credits

It is only through effective and efficient management practices that human service agencies can achieve a broad humanistic vision. This course will provide students with a variety of management tools models and perspectives essential for creating and maintaining efficient practices and effective strategies within human services organizations.

MAH 623 Action Research

3 credits

This course focuses upon the descriptive analysis of data and presentation of findings. Research findings will be analyzed, findings presented, and collusions will be drawn. Additionally, recommendations for future study will be explored. Limitations to methodology will be documented along with implication of these limitations. Students will be introduced to research

based social program planning and grantsmanship strategies. Students will also further explore applied research through the introduction of evaluation research theory.

MAH 631 Group Dynamics

3 credits

This course provides comprehensive attention to theory and research related to group dynamics and what makes groups function effectively. Types of groups are examined and roles and leadership in groups are studied. Additional topics to be explored are: a) groups as systems; b) group development, c) group decision-making, d) power in groups, e) conflict management, f) behavior in face-to-face groups relative to task completion, g) relationships among group members, h) technology and virtual groups, and i) facilitation of group context and process. Integration of knowledge is emphasized throughout the course via group assignments.

MAH 632 Planning and Effecting Community Change

3 credits

This course examines participatory planning as a systematic process for creating community change. It critically analyzes the sociopolitical context and core concepts of “planning for change,” major models and methods of practice, and practical tools for engaging community members, assessing community strengths and needs, setting goals and making action plans, building support and collaborative partnerships for implementation, and evaluation as a participatory community-based approach. Emphasis is placed on working with oppressed groups in racially segregated and economically disinvested areas.

MAH 641 Social Policy & Program Evaluation

3 credits

This course provides the knowledge and skills needed to examine social welfare structure, policies and programs to understand their relevance to the delivery of human services to populations in need. The course examines social welfare policy historically, conceptually, and ideologically. Students will be able to identify basic issues, concepts, values, frameworks and ethical issues that define social welfare policy and influence their ability to work with diverse groups and populations at risk and to think critically using an analytic approach to highlight the forces/issues (political, economic, ideological) that facilitate or inhibit changes in social policies and human service programs.

MAH 642 Case Management

3 credits

This course will address the concept of case management as a mechanism used by human service systems to enable consumer access to the services provided as part of an agency’s or organization’s function. The case management concept will be discussed in relation to the history of social and human services development across various organizations, conditions and groups of people. The seven phases of case management will be included and discussed from various perspectives. Theories skills and techniques will be identified and practiced in relation to the seven components. Case management will be discussed in relation to social welfare and health care policies developed in the 1960s through present day legislation.

MAH 643 Field Experience**3 credits**

The field experience course serves as an integrative course for concepts learned in the Master of Arts in Human Services program. It combines both theory and practical experiences to inform, assess, and possibly create programs devoted to human service agencies and their constituents.

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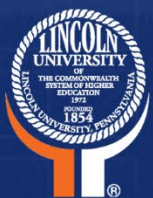
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