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Accreditation

The University of New Orleans is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters, and doctorate degrees. Questions about the accreditation of the University of New Orleans may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

The University

The University of New Orleans (UNO), the metropolitan research university of the State of Louisiana, was established by the Louisiana Legislature in 1956 to bring public-supported higher education to the state's largest metropolitan community. The Board of Supervisors of the Louisiana State University acquired a 195-acre site on the southern shore of Lake Pontchartrain within the City of New Orleans. A number of the buildings remaining on the property from its prior use as an air station for the United States Navy were renovated for academic purposes during the winter and spring of 1958. In September 1958, Louisiana State University in New Orleans, which was renamed the University of New Orleans in 1974, opened to nearly 1,500 freshman students, more than twice the number anticipated. Only a freshman curriculum was offered the first year. In succeeding years, additional levels of curricula were developed and offered so that by 1962 the University was operating as a full four-year, degree-granting institution. Programs of study are now offered through five academic undergraduate colleges: Business Administration; Engineering; Liberal Arts, Education & Human Development; and Sciences - in addition to the Graduate School. Legislation was passed in the 2011 session to move UNO from the Louisiana State University (LSU) System into the University of Louisiana System (ULS).

The University of New Orleans has grown to become a research university that provides essential support for the educational, economic, cultural, and social well-being of the culturally rich and diverse New Orleans metropolitan area. Located in an international city, the university serves as an important link between Louisiana and both the nation and the world. The university strategically serves the needs of the region through mutually beneficial collaborations with public and private bodies whose missions and goals are consistent with and supportive of UNO's teaching, scholarly, and community service objectives. Joint projects with schools, governments, foundations, businesses, and civic groups enrich opportunities for learning and community growth. Research and graduate programs focus on fields of study in which UNO is nationally competitive or responding to specific state or regional needs. UNO offers more than one hundred challenging and in-demand programs, many of which are uniquely linked to the rich and vibrant city of New Orleans.

UNO is a selective admissions university serving approximately 8,000 students. Of this number, nearly three-fourths are undergraduates and a fourth are graduate students in both Master's and Doctoral programs. The University's diverse population is comprised of students from a broad range of backgrounds, representing nearly every state in the U.S. and one hundred countries across the globe. The university is committed to providing a supportive and student-centered learning environment for high-achieving and motivated students that enhances their success. UNO strives to enrich the quality of campus life through extra-curricular activities and programming. In addition to serving traditional aged students, the university supports a large population of non-traditional students whose experiences and motivation prepare them for programs of study leading to degrees as well as to professional and personal advancement.

UNO is classified as a Southern Regional Education Board Four-Year II institution, a Carnegie Doctoral/Higher Research Activity University and a Southern Association of Colleges and Schools Level VI institution. The University of New Orleans is committed to continual improvement through a vibrant strategic planning process.

Mission and Vision

The University of New Orleans: A Student-Centered, Urban Research University

Mission

The University of New Orleans is a comprehensive urban research university committed to providing educational excellence to a diverse undergraduate and graduate student body. The University is one of the region's foremost public resources, offering a variety of world-class, research-based programs, advancing shared knowledge and adding to the region's industry, culture and economy. The University of New Orleans, as a global community asset, serves national and international students and enhances the quality of life in New Orleans, the state, the nation, and the world, by participating in a broad array of research, service learning, cultural and academic activities.

Scope

The University of New Orleans, as an urban research university, offers a number of challenging and in-demand programs, many of which are uniquely linked to the rich and vibrant city of New Orleans. The University of New Orleans grants baccalaureate, master's and doctoral degrees in academic colleges, including but not limited to: business administration, education and human development, engineering, liberal arts, and sciences, as well as interdisciplinary studies.

Vision

The University of New Orleans will be recognized as one of the preeminent urban research institutions in the nation, noted for its commitment to excellence in teaching and in student success; its location in a culturally vibrant city; its innovative and relevant undergraduate, graduate, professional and research programs; and its role as a primary engine of social, economic, intellectual and cultural development in the New Orleans region and beyond.

Graduate School

- Graduate School
- Graduate Programs in Engineering
- General Graduate Program Requirements
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Programs by College

- College of Business Administration
- College of Liberal Arts, Education and Human Development
 - School of Education
 - School of the Arts
- College of Engineering
- College of Sciences
- Department of Interdisciplinary Studies
- The Graduate School

Programs by Degree

Accelerated Masters

Accounting/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Accounting and the Master of Business Administration degree.

Biological Sciences, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Biological Sciences.

Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Business Administration and the Master of Business Administration degree.

Chemistry, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated program allows a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Minimum Requirements

AM students must have a cumulative undergraduate GPA of at least 3.2 to be conditionally admitted into a master's degree program. Students may not enroll in graduate courses until they have 1) completed all requirements for the Core Curriculum; 2) completed a minimum of 90 hours of undergraduate work, including at least 15 hours of upper-level courses in the major; and 3) been conditionally admitted to a master's program.

Conditional admission does not guarantee full admission to the program. Minimum criteria for full admission to the graduate program are:

1. Conferral of the baccalaureate degree;
2. Cumulative undergraduate GPA of 3.00; and
3. Satisfaction of all requirements for admission to the graduate program (entrance test scores, statement of purpose, recommendations, etc.).

Minimum Guidelines

1. An updated undergraduate plan of study, outlining all requirements for baccalaureate degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
2. Before an undergraduate AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
3. Graduate Coursework:
 - AM students may apply a maximum of 12 graduate hours to the baccalaureate degree, depending on the graduate program. Graduate coursework in the following areas will not count in the AM program toward the baccalaureate degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other fieldbased placement, or thesis;
 - Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of 3.00. Graduate courses in which a GPA is less than 3.00 may be counted towards satisfaction of the bachelor's degree but not towards the master's;
 - To remain in an AM degree program, the student must maintain at least a 3.00 overall GPA in graduate coursework.
4. The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferrable to the master's degree and will show on both the graduate and undergraduate transcripts.
5. The baccalaureate degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
6. If an AM student requests admission to any other master's program (or does not complete the approved master's degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.
7. Students may apply to the AM program at the end of their junior year (completion of 90 credit hours).
8. Admissions requirements to the AM program as an undergraduate include GPA = 3.2 or higher, completion of 15 credit hours in CHEM courses at the 3000/4000 level.
9. Graduate courses that will satisfy both degree requirements are indicated with an asterisk on the 5- Year Plan of Study
10. A student must satisfy all admissions requirements including 3.0 GPA at the end of their 4th Year and apply for full admission to the graduate program (after completion of the BS degree).
11. Students will meet with the Graduate Program Director for advising to map out an appropriate schedule.
12. All AM students will follow the non-thesis option.

Civil Engineering, Accelerated Master's (BSCE & MSE)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science in Civil Engineering degree and a Master of Science in Engineering degree.

Computer Science, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Computer Science.

Computer Science/Cybersecurity & Operations, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Computer Science and the Master of Science in Cybersecurity and Operations.

Electrical Engineering, Accelerated Masters (BSEE & MSE)

The BSEE-MSE Accelerated Master's (AM) Degree offers the opportunity for outstanding Electrical Engineering students who are still pursuing the Bachelor of Science in Electrical Engineering (BSEE) to begin earning credit toward the Master of Science in Engineering (MSE).

Guidelines

1. An updated undergraduate plan of study, outlining all requirements for the BSEE degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
1. Before an undergraduate BSEE-MSE AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
1. **Graduate Coursework:**
 - a. BSEE-MSE AM students may apply a maximum of **6** graduate hours to the BSEE degree. Graduate coursework in the following areas will not count in the BSEE-MSE AM program toward the BSEE degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other field-based placement, or thesis;
 - b. Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of **3.00**. Graduate courses in which a GPA is less than **3.00** may be counted towards satisfaction of the BSEE degree but not towards the MSE degree;
 - c. To remain in an BSEE-MSE AM degree program, the student must maintain at least a **3.00** overall GPA in graduate coursework.
1. The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferable to the MSE degree and will show on both the graduate and undergraduate transcripts.
2. The BSEE degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
3. If an AM student requests admission to any other master's program (or does not complete the MSE degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.

English, Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Finance, Accelerated Masters (BS & MS)

General Education

For the undergraduate Bachelor of Science degree. Unless the course requirement is specified, please refer to the General Education menu for approved courses. GENERAL EDUCATION COURSE MENU

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3** - C grade or better required.
OR
- ENGL 1159 - English Composition Honors - **Credits: 3** - C grade or better required.

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS Elective - **Credits: 3**
- Other Physical Science - **Credits: 3**
- BIOS or same as Physical Science - **Credits: 3**

Humanities

- English Literature Elective - **Credits: 3**
- Humanities Electives - **Credits: 6**

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective - **Credits: 3**

Arts

- Arts Elective - **Credits: 3**

Other Requirements

For the undergraduate Bachelor of Science.

- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3** - C grade or better required.
- ACCT 3121 - Intermediate Accounting I - **Credits: 3** - C grade or better required.
- ACCT 3122 - Intermediate Accounting II - **Credits: 3** - C grade or better required.
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- Business Electives - **Credits: 6**
- Free Electives - **Credits: 11**

Major Requirements

For the undergraduate Bachelor of Science.

12 credits of the Graduate Requirements count toward both the BS Major Requirements and the

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**
- FIN 4304 - Finance Capstone - **Credits: 3**
- Finance Elective 3000/4000-level - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**

Graduate Requirements - BS/MS

Courses that count for both the Bachelor of Science and the Masters of Science.

- Finance 5000-level Electives **Credits: 9**
- FIN 5306 - International Finance - **Credits: 3**

Graduate Requirements - MS

Courses that count toward the Masters of Science degree.

- ACCT 6131 - Accounting in Health Care - **Credits: 3**
- BA 6780 - Survey Decision Making Tools - **Credits: 3**
- ECON 6200 - Managerial Economics - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- FIN 6303 - Financial Markets & Inst - **Credits: 3**

Finance/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Finance and the Master of Business Administration degree.

Healthcare Management/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Healthcare Management and the Master of Business Administration degree.

History, Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in History and the Master of Arts degree in History.

Hotel, Restaurant & Tourism Administration/Hotel & Tourism Management, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both

the Bachelor of Science degree Hotel, Restaurant and Tourism Administration and a Master of Science degree in Hotel and Tourism Management.

Hotel, Restaurant & Tourism Management/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Hotel, Restaurant and Tourism Management and the Master of Business Administration degree.

International Studies/History Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in International Studies and the Master of Arts degree in History.

Management/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Management and the Master of Business Administration degree.

Marketing/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Marketing and the Master of Business Administration degree.

Mathematics, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Mathematics.

Mechanical Engineering, Accelerated Master's (BSME & MSE)

The BSME-MSE Accelerated Master's (AM) Degree offers the opportunity for outstanding Mechanical Engineering students who are still pursuing the Bachelor of Science in Mechanical Engineering (BSME) to begin earning credit toward the Master of Science in Engineering (MSE).

Requirements

BSME-MSE AM students must have a cumulative undergraduate GPA of at least **3.2** to be conditionally admitted into the MSE program. Students may not enroll in graduate courses until they have:

- completed all requirements for the Core Curriculum;
- completed a minimum of **90** hours of undergraduate work, including at least **18** hours of upper-level courses in the major; and
- been conditionally admitted to a master's program.

Conditional admission does not guarantee full admission to the program. Criteria for full admission to the MSE program are:

1. Conferral of the BSME degree (student must file Application for Graduation for Bachelor's in **year 4**);
2. Cumulative undergraduate GPA of **3.0**; and
3. Satisfaction of all requirements for admission to the MSE program **prior to the start of year 5** (entrance test scores, statement of purpose, recommendations, etc.).

Guidelines

1. An updated undergraduate plan of study, outlining all requirements for the BSME degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
1. Before an undergraduate BSME-MSE AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
1. **Graduate Coursework:**
 - a. BSME-MSE AM students may apply a maximum of **6** graduate hours to the BSME degree. Graduate coursework in the following areas will not count in the BSME-MSE AM program toward the BSME degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other field-based placement, or thesis;
 - b. Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of **3.00**. Graduate courses in which a GPA is less than **3.00** may be counted towards satisfaction of the BSME degree but not towards the MSE degree;
 - c. To remain in an BSME-MSE AM degree program, the student must maintain at least a **3.00** overall GPA in graduate coursework.
1. The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferable to the MSE degree and will show on both the graduate and undergraduate transcripts.
2. The BSME degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
3. If an AM student requests admission to any other master's program (or does not complete the MSE degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.

Naval Architecture and Marine Engineering, Accelerated Master's (BSNAME & MSE)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Naval Architecture and Marine Engineering degree and a Master of Science in Engineering degree.

Physics, Accelerated Masters (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Physics and the Master of Science degree in Physics.

Political Science/Public Administration, Accelerated Master's (BA & MPA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in Political Science and the Master of Public Administration degree.

Romance Languages (French), Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Romance Languages (Spanish), Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Urban Studies and Planning, Accelerated Masters (BS & MURP)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Urban Studies and Planning and the Master of Urban and Regional Planning degree.

1. Undergraduates may apply for the program during their third year of study.
2. Undergraduates must have a cumulative undergraduate GPA of at least 3.2 to be conditionally admitted into a master's degree program.
3. AM students may apply a maximum of 12 graduate hours to the baccalaureate degree. These courses may be applied to the baccalaureate degree:
 1. MURP 6020 Analytic Methods for Planners
 2. MURP 6030 Social Policy Planning
 3. MURP 6620 Planning History, Theory & Practice
 4. MURP 6710 Urbanism and Urban Design
4. Students can apply for and be admitted fully to the graduate program once they receive their baccalaureate degree and satisfy graduate program requirements for admission.

Bachelor of Arts

Anthropology, B.A.

Student Learning Outcomes

1. Students will acquire a broad foundation in critical anthropological thinking, as well as knowledge of the history of the discipline.
2. Students will acquire knowledge of and experience in anthropological research methods.
3. Students will be able to communicate, in oral and written forms, on subjects of anthropological significance.
4. Students will be able to competently explain how anthropological theory and methods can be used in applied contexts.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- Literature **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Upper-level Non-major Electives **Credits: 6**⁴
- Social Sciences Elective 2000+ level (Not Anthropology) **Credits: 6**⁶
- General Electives **Credits: 21 or 24**

Total Credit Hours: 48

Course Requirements for Major

- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- ANTH 3201 - Field Methods Archeology - **Credits: 3**
OR
- ANTH 3301 - Doing Ethnography - **Credits: 3**
- ANTH 4000+ (not 4990) **Credits: 9**

- ANTH 4768 - Anthropology and Policy - **Credits: 3**
OR
- ANTH 4721 - Cultural Resources Management: Theory & Practice - **Credits: 3**
OR
- ANTH 4772 - Applied Anthropology - **Credits: 3**
OR
- ANTH 4775 - Urban Anthropology - **Credits: 3**
- ANTH 4801 - Hist of Anthropological Theory - **Credits: 3**
- ANTH 4995 - Anthro of Contemporary Issues - **Credits: 3**⁷
- ANTH 4000+ (not 4990) **Credits: 9**
- ANTH Area Studies **Credits: 3**
- ANTH Electives **Credits: 6**⁸

Total Credit Hours: 33

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

1. "C" or better required
2. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
3. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. Students can fulfill this requirement with courses from the subject areas listed as Liberal Arts Approved Electives, or by taking courses at the 3000+ level in social sciences or arts, thereby fulfilling two requirements at once. The application of a course to two requirements, however, does not reduce the total number of hours required for graduation.
5. Must complete nine credit hours in one language or twelve credit hours in two languages. If the 12 hour option is chosen, the 21 hours of approved electives must include three hours of 2000+ humanities.
6. Select from ECON, GEOG, POLI, PSYC or SOC. 3 hours must be 2000 level course. [Check General Education Courses](#) to confirm what courses fulfill this requirement.

7. Course fulfills university oral competency requirement
8. No more than three ANTH credit hours at the 1000 level may count toward the Major.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- BIOS **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- ANTH 1xxx **Credits: 3**¹
- UNIV 1001 - University Success - **Credits: 1**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH **Credits: 3**
- Physical Science **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- BIOS or Other Physical Science **Credits: 3**
- Humanities 2000+ **Credits: 3**
- FORL 1001 **Credits: 3**
- ANTH 3301 - Doing Ethnography - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- FORL 1002 **Credits: 3**
- Social Science 2000+, non ANTH **Credits: 3**
- General Elective **Credits: 3**
- ANTH area studies **Credits: 3**²

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 2001 **Credits: 3**
- Non Major 3000+ elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4000+ **Credits: 3**

- ANTH 4768 - Anthropology and Policy - **Credits: 3**
OR
- ANTH 4772 - Applied Anthropology - **Credits: 3**

OR

- ANTH 4775 - Urban Anthropology - **Credits: 3**

Total Credit Hours: 15

Second Term

- Non Major 3000+ elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4000+ **Credits: 3**
- ANTH Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Social Science 2000+, non ANTH **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4801 - Hist of Anthropological Theory - **Credits: 3**³
- ANTH 4000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ANTH 4995 - Anthro of Contemporary Issues - **Credits: 3**⁴
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Only 1 1000 level Anthropology course may count toward the Major.
2. Area studies courses focus on a cultural area and are generally at the 3000 level in Anthropology. One is offered every semester.
3. This course is offered every 3 semesters and should be taken in either the 3rd or 4th year.
4. ANTH 4995 is offered every spring and should be taken as close to graduation as possible.

English, B.A.

Student Learning Outcomes

1. Students will develop a broad knowledge of British and American literary history with an understanding of the relations between texts and their literary trends and historical contexts.
2. Students will learn how to find and integrate appropriate and credible sources into their written assignments.
3. Students will be able to produce essays with a specific thesis based on analysis and research, effective use of support for the thesis, a clear plan of organization, and clear and correct writing.
4. Students will be able to analyze poetry, fiction, drama, and nonfiction with an understanding of the elements of each genre.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
equal to or greater than:
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra **Credits: 3**
OR
equal to or greater than
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**

- ENGL 2071 - Afro-American Literature I - **Credits: 3**
OR
- ENGL 2072 - Afro-American Literature II - **Credits: 3**
OR
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**
OR
- ENGL 2091 - Spec Studies in Lit Diversity - **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Social Sciences Elective 2000+ **Credits: 6**
- Electives outside of ENGL and JOUR 3000+ **Credits: 6**
- Electives **Credits: 21-24**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- History **Credits: 6**

Total Credit Hours: 45

Course Requirements for Major

- ENGL 2258 - Interpreting Literature - **Credits: 3**⁷
- ENGL 3381 - Intro to Contemporary Theory - **Credits: 3**
AND
- ENGL 3382 - Methods in Research & Writing - **Credits: 3**

3 of the following 4 survey courses: Credits: 9

- ENGL 2341 - Survey British Literature I - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**

Upper-level open English elective option

6 additional English, journalism, or related courses (18 credits), at least 5 of which must be at the 3000-4000 level. Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 18**

(Students may choose one of the concentrations below in lieu of the Upper-level open English elective option.)

Total Credit Hours: 36

Journalism and Professional Writing Concentration

(Concentration in lieu of Upper-level open English elective option.)

- JOUR 2700 - Introduction to Journalism - **Credits: 3**
OR
- ENGL 2155 - Intro to Professional Writing - **Credits: 3**
- **4000-level English Writing or Journalism Credits: 9**
- **3000-4000 level English Electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Creative Writing Concentration

(Concentration in lieu of Upper-level open English elective option.)

- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2160 - Intro Creative Writing - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
OR
- ENGL 2200 - Introduction to Playwriting - **Credits: 3**

- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
OR
- ENGL 4200 - Advanced Playwriting - **Credits: 3**⁶

- **4000-level literature elective Credits: 3**¹¹
- **3000-4000 level English electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Literary Studies Concentration

(Upper-level concentration in lieu of open English elective option.)

The 4th survey course (3 credits) not taken for the major core requirements. The survey courses are:

- ENGL 2031 - Surv Am Lit before Civil War - Credits: 3
OR
- ENGL 2032 - Surv of Am Lit after Civil War - Credits: 3
OR
- ENGL 2341 - Survey British Literature I - Credits: 3
OR
- ENGL 2342 - Survey British Literature II - Credits: 3

- 3000 - 4000 - level American literature Credits: 3 ⁸
- 3000 - 4000 - level pre-1660 British literature Credits: 3 ⁹
- 3000 - 4000 - Level post-1660 British literature Credits: 3 ¹⁰
- 3000-4000 level English Electives. Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. Credits: 6

Total Credit Hours: 18

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

1. "C" or better required
2. Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement
4. From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm courses fulfilling this requirement
5. Must complete nine credit hours in one language or twelve credit hours in two languages (six credit hours in two languages).
6. Students may take workshops in the same or different genre, 2 at 4000 level.
7. Satisfies College requirement of oral competency.
8. American Literature: ENGL 4030, ENGL 4031, ENGL 4032, ENGL 4033, ENGL 4034, ENGL 4043, ENGL 4045, ENGL 4091, ENGL 4092, or ENGL 4391
9. British Literature before 1660: ENGL 4401, ENGL 4421, ENGL 4501, ENGL 4516, ENGL 4521, ENGL 4522, ENGL 4601, ENGL 4616, ENGL 4621, or approved ENGL 4391
10. British Literature after 1660: ENGL 4701, ENGL 4702, ENGL 4715, ENGL 4716, ENGL 4801, ENGL 4802, ENGL 4807, ENGL 4808, ENGL 4815, or approved ENGL 4391
11. For Nonfiction, these courses can fulfill this requirement: ENGL 4918, ENGL 4030, ENGL 4031, ENGL 4701, ENGL 4702, ENGL 4807, ENGL 4808. For Fiction: ENGL 4715, ENGL 4815, ENGL 4915, ENGL 4917, ENGL 4031, ENGL 4032, ENGL 4033, ENGL 4034, ENGL 4043, ENGL 4045. For Poetry: ENGL 4401, ENGL 4421, ENGL 4521, ENGL 4522, ENGL 4601, ENGL 4621, ENGL 4701, ENGL 4702, ENGL 4801, ENGL 4802, ENGL 4807, ENGL 4808, ENGL 4913, ENGL 4914. Approved Special Topics courses (ENGL 4091, ENGL 4092, ENGL 4093, and ENGL 4391) may also fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - Credits: 3
- MATH 1031 - Survey Mathematical Thought I - Credits: 3
OR
- MATH 1115 - Applied Algebra - Credits: 3
OR
- MATH 1125 - Precalculus Algebra - Credits: 3 or higher

- FORL 1001 Credits: 3
- Social Science Credits: 3
- Science (BIOS) Credits: 3
- UNIV 1001 - University Success - Credits: 1 ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3**
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher
- FORL 1002 **Credits: 3**
- Social Science **Credits: 3**
- Science (BIOS or Physical Science) **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL 2258 - Interpreting Literature - **Credits: 3**
- ENGL 2071 - Afro-American Literature I - **Credits: 3**
OR
- ENGL 2072 - Afro-American Literature II - **Credits: 3**
OR
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**
OR
- ENGL 2091 - Spec Studies in Lit Diversity - **Credits: 3**
- FORL 2001 **Credits: 3**
- Social Science (2000 level) **Credits: 3**
- Science (BIOS or Physical Science) **Credits: 3**

Total Credit Hours: 15

Second Term

- Social Science (2000 level) **Credits: 3**
- Arts **Credits: 3**
- Humanities (History) **Credits: 3**
- Elective (Outside English, 3000+) **Credits: 3**

2 of the following:

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR
- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR

- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 3381 - Intro to Contemporary Theory - **Credits: 3**
- ENGL 3/4XXX **Credits: 3**
- Humanities (History) **Credits: 3**
- Elective (Outside English, 3000+) **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 3382 - Methods in Research & Writing - **Credits: 3**
- ENGL 2/3/4XXX (elective or concentration) **Credits: 3**
- ENGL 2/3/4XXX (elective or concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- ENGL 3/4XXX (Elective or Concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 4XXX (Elective or Concentration) **Credits: 3**
- ENGL 3/4XXX (Elective or Concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Film and Theatre, Film Arts, B.A.

Student Learning Outcomes

1. Film Arts students should have a fundamental knowledge of film production.
2. Film Arts students must have a fundamental understanding of film aesthetics and theory.
3. Provide exceptional Film Arts students with assistance and encouragement to pursue opportunities for advanced degrees and/or professional careers.
4. Department will maintain a high level of satisfaction with the overall Film Arts program.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR

- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Social Science **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 16-19**
- FORL 2001 **Credits: 3**
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 37

Course Requirements for Major

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2510 - Beginning Film Prod - **Credits: 3**
- FTA 1665 - Beginning Film Postproduction - **Credits: 3**
- FTA Electives **Credits: 20**⁸

Choose 6 Hours

- FTA 4540 - History of Cinema I - **Credits: 3**
- FTA 4541 - History of Cinema II - **Credits: 3**
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
- FTA 4591 - Film Styles & Genres - **Credits: 3**

Choose 6 Hours

- FTA 1300 - Acting I-Beginning - **Credits: 3**⁶
- FTA 3460 - Intro Documentary - **Credits: 3**
- FTA 3510 - Intermediate Film Production - **Credits: 3**⁷
- FTA 3520 - Interm Film Post Production - **Credits: 3**
- FTA 4566 - Sound I - **Credits: 3**

- FTA 4580 - Film Directing - **Credits: 3**⁶
- FTA 4600 - Producing - **Credits: 3**

Total Credit Hours: 44

Total Credit Hours Required: 120

1. "C" or better required
2. Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
5. Must complete nine credit hours in one language or six credit hours in two languages
6. Fulfills oral competency
7. Must take concurrently with FTCA 3511
8. Select from FTA 2250, FTA 2260, FTA 2270, FTA 2320 (fulfills oral competency), 2335, 2800 (1 hr.), FTA 3460, FTA 3510, FTA 3511 (1 hr.), FTA 3520, FTA 3800 (1 hr.), FTA 4096, FTA 4251, FTA 4333, FTA 4460, FTA 4500, FTA 4530, FTA 4550, FTA 4551 (1 hr.), FTA 4555, FTA 4565, FTA 4566, FTA 4567, FTA 4568, FTA 4570, FTA 4575, FTA 4580, FTA 4591, FTA 4600, FTA 4900 (13 hours must be taken at the 3000-level or higher)

Four Year Plan of Study

First Year of Enrollment

First Term

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 1665 - Beginning Film Postproduction - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science IXXX **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2510 - Beginning Film Prod - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

- MATH 1116 **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FTA 1300 - Acting I-Beginning - **Credits: 3**
OR

- FTA 3460 - Intro Documentary - **Credits: 3**
OR
- FTA 3510 - Intermediate Film Production - **Credits: 3**
OR
- FTA 3520 - Interm Film Post Production - **Credits: 3**
OR
- FTA 4566 - Sound I - **Credits: 3**
OR
- FTA 4580 - Film Directing - **Credits: 3**
OR
- FTA 4600 - Producing - **Credits: 3**

- FTA Elective **Credits: 3**
- Foreign Language 1001 **Credits: 3**
- ENGL Lit Elective **Credits: 3**
- Social Science 1XXX **Credits: 3**

Total Credit Hours: 15

Second Term

- FTA 1300 - Acting I-Beginning - **Credits: 3**
OR
- FTA 3460 - Intro Documentary - **Credits: 3**
OR
- FTA 3510 - Intermediate Film Production - **Credits: 3**
OR
- FTA 3520 - Interm Film Post Production - **Credits: 3**
OR
- FTA 4566 - Sound I - **Credits: 3**
OR
- FTA 4580 - Film Directing - **Credits: 3**
OR
- FTA 4600 - Producing - **Credits: 3**

- FTA Electives **Credits: 3**
- Foreign Language 1002 **Credits: 3**
- ENGL Lit Elective **Credits: 3**
- Social Science 2XXX **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FTA 4540 - History of Cinema I - **Credits: 3**
OR
- FTA 4541 - History of Cinema II - **Credits: 3**
OR
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
OR
- FTA 4591 - Film Styles & Genres - **Credits: 3**

- General Electives (or FTA) **Credits: 3**
- Foreign Language 2001 **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- Social Science 2XXX **Credits: 3**

Total Credit Hours: 15

Second Term

- FTA 4540 - History of Cinema I - **Credits: 3**
OR
- FTA 4541 - History of Cinema II - **Credits: 3**
OR
- FTA 4545 - Film Theory & Criticism - **Credits: 3**

OR

- FTA 4591 - Film Styles & Genres - **Credits: 3**
- FTA Electives **Credits: 6**
- BIOS or other Physical Science **Credits: 3**
- Arts Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Non-FTA Electives 3000+ **Credits: 3**
- FTA Electives **Credits: 5**
- General Electives (or FTA) **Credits: 7**

Total Credit Hours: 15

Second Term

- Non-FTA Electives 3000+ **Credits: 3**
- FTA Electives **Credits: 3**
- General Electives (or FTA) **Credits: 9**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Film and Theatre, Theatre Arts, B.A.

Student Learning Outcomes

1. Theatre Arts option students will have a basic skill level in technical areas of theatre.
2. Theatre Arts students will have a basic understanding of Visual Design.
3. Theatre Arts option students will have a basic understanding of theatre literature.
4. Theatre Arts option students will have a basic understanding of theatre performance.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

4

- FTA 1005 - Intro to Theatre Arts - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- Social Science **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 16-19**
- FORL 2001 **Credits: 3**
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 37

Course Requirements for Major

- FTA 1100 - Methods & Matrils of Stagecraft - **Credits: 3**
- FTA 1110 - Basic Visual Design - **Credits: 3**
- FTA 1300 - Acting I-Beginning - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

- FTA 2100 - Intro to Lighting Design - **Credits: 3**
OR
- FTA 2110 - Introduction to Scenic Design - **Credits: 3**
OR
- FTA 2160 - Costume Crafts & Techniques - **Credits: 3**
OR
- FTA 2950 - Stage Management Theatre - **Credits: 3**⁶

- FTA 2320 - Script Analysis - **Credits: 3**
- FTA 4400 - Development of Theatre - **Credits: 3**

- FTA 4450 - Modern Theatre - **Credits: 3**
OR
- FTA 4455 - Contemporary Theatre - **Credits: 3**

- FTA Electives **Credits: 20**

Total Credit Hours: 44

Total Credit Hours Required: 120

1. "C" or better required.
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
5. Must complete nine credit hours in one language or six credit hours in two languages.
6. Fulfills oral competency requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS **Credits: 3**
- Social Science IXXX **Credits: 3**
- FTA 1005 - Intro to Theatre Arts - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- FTA 1100 - Methods & Matrls of Stagecraft - **Credits: 3**
- FTA 1110 - Basic Visual Design - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Foreign Language 1001 **Credits: 3**
- Social Science IXXX **Credits: 3**
- Arts **Credits: 3**
- FTA 1300 - Acting I-Beginning - **Credits: 3**
- FTA 2100 - Intro to Lighting Design - **Credits: 3**
OR
- FTA 2110 - Introduction to Scenic Design - **Credits: 3**
OR
- FTA 2160 - Costume Crafts & Techniques - **Credits: 3**
OR
- FTA 2950 - Stage Management Theatre - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

Total Credit Hours: 16

Second Term

- Foreign Language 1002 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- ENGL (Literature) **Credits: 2**
- FTA 1800 - Theatre Practicum I - **Credits: 1**
- FTA 2320 - Script Analysis - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Foreign Language 2001 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Non FTA Elective 3000+ **Credits: 3**
- FTA Elective **Credits: 3**

- FTA 4450 - Modern Theatre - **Credits: 3**
OR
- FTA 4455 - Contemporary Theatre - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

Total Credit Hours: 16

Second Term

- Non FTA Elective 3000+ **Credits: 3**
- General Electives **Credits: 3**
- General Electives **Credits: 3**
- FTA Elective **Credits: 3**
- FTA 4400 - Development of Theatre - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FTA Electives **Credits: 6**
- General Electives **Credits: 9**

Total Credit Hours: 15

Second Term

- FTA Elective **Credits: 9**
- General Electives **Credits: 2**

Total Credit Hours: 11

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Fine Arts, Art History Option, B.A.

Student Learning Outcomes

1. Students will demonstrate understanding and apply the broad methodologies of the study of the history of art: identification, description, formal analysis, comparison, interpretation.
2. Students will demonstrate knowledge of the cultural issues, values, and perspectives that have informed artmaking in a variety of cultures and periods.
3. Students will demonstrate critical research skills through a variety of writing assignments. Students will write an original argument that analyzes and interprets an aspect of art history, based on advanced research that integrates primary and secondary sources from the critical literature.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Sciences **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- ANTH 3220 - Arch of New Orleans - **Credits: 3**
or
- ANTH 3240 - Arch of African Diaspora - **Credits: 3**
- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- Social Sciences 2000+ **Credits: 6**
- ENGL Literature **Credits: 3**
- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**⁴
- General Electives **Credits: 21**⁴

Total Credit Hours: 39

Course Requirements for Major

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**

- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- FA Art History 3000+ Electives **Credits: 18**
- FA Art History 4000+ Electives **Credits: 3**

Total Credit Hours: 42

Total Credit Hours Required: 120

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check General Education Courses to confirm courses fulfilling this requirement.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement.
4. Art History majors must complete 9 credit hours in one language or 6 credit hours in two languages. If completing 9 credits in one language, there will be 21 credits in free electives. Otherwise, there will be 18.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
or
- BIOS 1083 - Biology I - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- HIST 1002 - World History II - **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- Foreign Language - 1st Language Part 1 **Credits: 3**
- Gen Ed Math **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
- Gen Ed Social Science (1 of 2) **Credits: 3**
- Foreign Language - 1st Language, Part 2 **Credits: 3**
- Gen Ed Physical Science **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- Foreign Language, 1st language, part 3; or 2nd language, part 1² **Credits: 3**
- Gen Ed Literature 2000+ **Credits: 3**
- Gen Ed Biology or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Literature 2000+ **Credits: 3**
- Elective or Foreign Language 2nd language, part 2² **Credits: 3**

Total Credit Hours: 15

Second Term

- ANTH 3220 - Arch of New Orleans - **Credits: 3**
or
- ANTH 3240 - Arch of African Diaspora - **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Gen Ed Social Science (2 of 2) **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FA Art History 3000+ **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**³
- Electives **Credits: 6**

Total Credit Hours: 15

Second Term

- FA Art History 3000+ **Credits: 3**
- FA Art History 4000+ **Credits: 3**
- Electives **Credits: 9**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. Required for all first-time full-time students.
2. Art History majors must complete 9 credit hours in one language or 6 credit hours in two languages. If completing 9 credits in one language, there will be 21 credits in free electives, otherwise there will be 18.
3. Social Science must be completed over at least two different areas (Anthropology, Economics, Geography, Political Science, Psychology, Sociology, or Urban Studies) and six credits must be at the 2000 level or above. ANTH 2232 World Archaeology is highly recommended.

Fine Arts, Studio Art Option, B.A.

Student Learning Outcomes

1. Students will demonstrate an understanding of art studio practices as they relate to historical context, concepts, and theories in at least one of the studio disciplines offered as a concentration. (Painting, Sculpture, Printmaking, Digital and Photography).
2. Students will demonstrate an understanding of the technical and creative uses of the medium, craftsmanship and attention to detail, formal elements, and processes related to their chosen area of specialization.
3. Students finishing the degree program will produce a coherent body of creative work in their area of specialization, and for those graduates who show the ability and desire to pursue an advanced degree, the work should be of sufficient quality to satisfy the requirements for the admission to graduate school.
4. Students will demonstrate the ability to promote, design, and install an exhibition of their artwork in the professional, on-campus gallery venue, in preparation for their art careers.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Sciences **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- Social Sciences 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- ENGL Literature **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**⁴

- General Electives **Credits: 9-12**⁸

Total Credit Hours: 30

Course Requirements for Major

- FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
- FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**

Total Credit Hours: 18

Studio Arts Option

- FA 3301 - Drawing Techniques and Concept - **Credits: 3**

Choose three of the following studio courses. Credits: 9

You must take the 3x51 course before you enroll in the 4x49 course of the same discipline.

- FA 3451 - Photography I - **Credits: 3**
and
- FA 3551 - Digital Art, Video and Animation I - **Credits: 3**
and
- FA 3651 - Sculpture and Extended Media I - **Credits: 3**
and
- FA 3751 - Painting I - **Credits: 3**
and
- FA 3851 - Printmaking I - **Credits: 3**

- FA 4301 - Figure Drawing - **Credits: 3**

Choose one area of focus. Credits: 3

You must take the 4x49 class before you enroll in the 4x51 class of the same discipline.

- FA 4449 - Photography II - **Credits: 3**
or
- FA 4549 - Digital Art, Video and Animation II - **Credits: 3**
or
- FA 4649 - Sculpture and Extended Media II - **Credits: 3**
or
- FA 4749 - Painting II - **Credits: 3**
or
- FA 4849 - Printmaking II - **Credits: 3**

Choose one of the following courses. Credits: 3

- FA 4451 - Photography III - **Credits: 3**
or
- FA 4551 - Digital Art, Video and Animation III - **Credits: 3**
or
- FA 4651 - Sculpture and Extended Media III - **Credits: 3**
or
- FA 4751 - Painting III - **Credits: 3**
or
- FA 4851 - Printmaking III - **Credits: 3**

- Art History electives 3000+ **Credits: 6**
- FA 4998 - Art Research Capstone - **Credits: 3**
Students must get department consent to enroll in FA 4998.

Total Credit Hours: 30

Total Credit Hours Required: 120

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN). Check General Education Courses to confirm courses fulfilling this requirement.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm

courses fulfilling this requirement.

4. Studio Art majors must complete 9 credit hours in one language or 6 credit hours in two languages. Art History majors must complete 12 credit hours in one language.
5. Students must get consent of the department to enroll in FA 4998 Art Research Capstone.
6. Free electives can be taken from any Department including Fine Arts.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Gen Ed MATH **Credits: 3**

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- Foreign Language - 1st Language Part 1 **Credits: 3**

- FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**
- FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 3301 - Drawing Techniques and Concept - **Credits: 3**

- FA 3x51 Studio 1 Course **Credits: 3**

- Foreign Language - 1st Language Part 2 **Credits: 3**
- Gen Ed Biology **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**

- FA 3x51 Studio 1 course **Credits: 3**
- FA 3x51 Studio 1 course **Credits: 3**
- Gen Ed Biology or other Science **Credits: 3**
- Foreign Language - 1st language part 3, or 2nd language part 1 **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Art History Elective 3000+ **Credits: 3**
- FA 4x49 Studio II course **Credits: 3**
- Gen Ed Literature **Credits: 3**
- Gen Ed Social Science **Credits: 3**
- Gen Ed Non-Biology Science **Credits: 3** (Must be the same as the other non-Biology science, if taken.)

Total Credit Hours: 15

Second Term

- FA 4301 - Figure Drawing - **Credits: 3**
- FA 4x51 Studio III **Credits: 3**
- Social Science, 2000 level **Credits: 3**²
- Literature elective **Credits: 3**
- Free elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FA Art History elective 3000+ **Credits: 3**
- Non-FA 3000+ elective³**Credits: 3**
- Social Science, 1000 or 2000 level **Credits: 3**²
- Free elective or Foreign Language - 1st Language Part 1 **Credits: 3**
- Free elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 4998 - Art Research Capstone - **Credits: 3**
- Social Science, 2000 level **Credits: 3**
- Non-FA 3000+ elective **Credits: 3**
- Free electives **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Required for all first-time full-time students.
2. Social Science must be completed over at least two different areas (Anthropology, Economics, Geography, Political Science, Psychology, Sociology, or Urban Studies) and six credits must be at the 2000 level or above.
3. 3000 level electives cannot be in Fine Arts; only 3 credits of EDHP or EDHS courses may be used.

History, B.A.

Student Learning Outcomes

1. History majors will demonstrate understanding of the history discipline by interpretation of primary source documents.
2. History majors will exhibit the skills necessary for historical analysis via written and oral narrative.
3. History majors will produce scholarly material by demonstrating the use of both primary and secondary sources.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

*See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**⁵
- FORL 1002 **Credits: 3**⁵
- Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**⁸

Arts

- Arts Elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 21-24**
- PHIL Elective **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- History Electives (Upper Level) **Credits: 15**
- HIST Electives, any level **Credits: 6**

Total Credit Hours: 36

Total Credit Hours Required: 120

1. "C" or better required
2. Check General Education Courses to confirm courses fulfilling this requirement.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
4. Students can fulfill this requirement with courses from the subject areas listed as Liberal Arts Approved Electives, or by taking courses at the 3000+ level in social sciences or arts, thereby fulfilling two requirements at once. The application of a course to two requirements, however, does not reduce the total number of hours required for graduation.
5. The nine hours of foreign language must be in the same language. Alternately, students may opt to take 12 hours in two foreign languages (six hours in each of two languages.) If the 12-hour option is chosen, students may reduce approved electives by three hours. Advanced courses in foreign language are recommended for students anticipating graduate study.
6. At least six hours of history electives must be from history courses with a geographical focus other than the United States.

LITERATURE: Six hours in literature courses from ENGL or Foreign Languages. Note: Writing or linguistics courses will not count toward the degree. Check prerequisites with these departments before choosing courses.

MATHEMATICS: Six hours above the remedial level (no credit for MATH 1021 or 1022). Placement in MATH courses by ACT score. Credit will be awarded for MATH 1115, MATH 1125, and/or MATH 1126 courses for those who pass higher level courses in the sequence with a C or better.

SCIENCE: Nine hours in two sciences (choose from BIOS, EES, CHEM, or PHYS): six hours in one science, plus three hours in another science. Three of the required hours must be in biology (BIOS 1053 and BIOS 1063, the non-major biology courses, are recommended).

ARTS: Three hours of arts courses from FA, MUS, or FTCA.

FOREIGN LANGUAGE: There are two paths to satisfying the language requirement: either successful completion of a three-semester sequence in a single foreign language (9 hrs.), or two semesters each in two different foreign languages (12 hrs.). Students with prior knowledge of a language may take a placement test to place into the second, third, or fourth semesters. Bypass credit will be awarded for all skipped courses if the student earns a C or better in the advanced courses.

SOCIAL SCIENCE: Twelve hours in ANTH, ECON, EDUC, GEOG, POLI, PSYC, SOC, URBN, WS. Six hours of credit at any level, plus six hours of credit at the 2000+ level. Students must take courses in at least two different subject areas.

HISTORY: HIST 1001, HIST 1002, HIST 2501, HIST 2502, and HIST 3002 plus 15 hours of elective 3000-4000 level HIST courses, and six hours of elective HIST courses at any level. Elective hours must be organized as follows: nine hours in a field of concentration (US, European, or Non-Western History) and six hours outside the concentration (including 3 hours of Non-Western History).

PHILOSOPHY: 3 hours of PHIL at any level.

ELECTIVES: Thirty (30) or 33 hours of electives. Students may take no more than 9 hours of "nonapproved" electives, including a maximum of 3 hours of EDPE and EDHS (See College of Liberal Arts, Education, and Human Development catalog for a list of approved electives).

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Philosophy **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- HIST 1001 - World History I - **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- HIST (any level) **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR

MATH 1116 **Credits: 3** or higher

- HIST 1002 - World History II - **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 1001 **Credits 3**
- Social Sciences **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- HIST 3000+ **Credits: 3**
- FORL 1002 **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- BIOS/Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- FORL 2001 **Credits: 3**
- HIST 3000+ **Credits: 3**
- Physical Science **Credits: 3**
- Electives **Credits: 3**

Total Credit Hours: 15

Second Term

- HIST any level **Credits: 3**
- Non - HIST 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Arts **Credits: 3**
- Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- HIST 3000+ **Credits: 3**
- Non- HIST 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Second Term

- HIST 3000+ **Credits: 3**
- HIST 3000+ **Credits: 3**
- Electives **Credits: 5**
- PHIL Elective **Credits: 3**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

International Studies, B.A.

Student Learning Outcomes

1. Students will acquire a broad understanding of the increasingly international and global political, economic, cultural, social and environmental forces that affect the world's peoples.
2. Students will become familiar with a diversity of approaches, tools and methodologies applicable to scholarly research on international and global studies.
3. Students will obtain specialized knowledge by completing either the International Business Track or one of nine distinct Regional or Thematic Concentrations including: Asian Studies; Africana Studies; Latin American & Caribbean Studies; European Studies; Diplomacy & International Organizations; Ethnicity, Nationalism & Migration; Peace & Justice Studies; Environmental Issues & Policy.
4. Students will achieve enhanced foreign language capacity applicable to their chosen concentration and career prospects.
5. Students will become globally engaged at the personal and professional level, prepared for international experiences and careers in international diplomacy, policy, business, government, media, law or education.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or above

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- SOC 1051 - Introductory Sociology - **Credits: 3**
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
- POLI 2700 - Introduction to World Politics - **Credits: 3**

Arts

- Arts Elective **Credits:3**³

Total Credit Hours: 39

Other Requirements

- POLI 2900 - Methods of Political Research - **Credits: 3**
OR
- SOC 2708 - Methods in Social Research - **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course **Credits: 3**⁴
- Approved Electives **Credits: 9**⁹
- FORL 2001 **Credits: 3**
- FORL 2002 **Credits: 3**
- Literature **Credits: 3**⁵

Total Credit Hours: 27

Course Requirements for Major

- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

- Additional FORL (language/not lit) **Credits: 3**⁷
- Additional FORL (language/not lit) **Credits: 3**⁷

- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900

- Non-Western or Diplomatic HIST Series **Credits: 6**⁶
- Concentration **Credits: 24**^{8,9}

Total Credit Hours: 54

Total Credit Hours Required: 120

1. "C" or better required
2. A total of nine hours of science are required, including a 6-hour sequence in one science. Select from BIOS, CHEM, EES, or PHYS. At least 3 of the 9 science hours must be BIOS.
3. FA, MUS, or theatre/dance/film-related course
4. Any 2000-level or higher course in any discipline that treats culture, e.g., ANTH 2052
5. Literature course may be in ENGL, FREN, or SPAN
6. Non-Western History Option includes any 2000-level or higher HIST course with a non-U.S./non-European focus. (Note: Students with an area studies concentration should choose 6 hours unrelated to that area.) Diplomatic History Option includes any two of the following courses: HIST 4381, HIST 4570, HIST 4575, 4580, HIST 4581 or other course by the program director.
7. Enhanced foreign language capacity may be achieved by completing 12 hours in a primary foreign language and one of the following: a) completing an additional six hours of 3000+ level non-literature foreign language coursework, b) completing an additional six hours of non-literature coursework at any level in a second foreign language, or c) demonstrating competency as determined by the Director of International Studies in consultation with the appropriate faculty in the Department of English and Foreign Languages. If a 3000-level conversation course is included in these 6 hours it will also satisfy COLAEDH's oral competency requirement. If a conversation course is not included, students should include in

Electives a course that fulfills the oral competency requirement for majors in any relevant discipline.

8. Students pursuing Regional concentrations must take POLI 2600; students pursuing Thematic concentrations must take POLI 2700.
9. The 24 total hours of course work taken in the concentration must be divided between at least three disciplines and should include at least three but no more than six hours of internship in the appropriate area. At least 12 of the 24 hours taken in the concentration must be at the 2000-level or above. Some concentrations impose further requirements.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- SOC 1051 - Introductory Sociology - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or above
- POLI 2700 - Introduction to World Politics - **Credits: 3**
OR
- POLI 2600 - Intro Comparative Government - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS or Physical Science **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- FORL 2001 **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course 2000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- Arts **Credits: 3**
- FORL 2002 **Credits: 3**
- GEOG 2801 **Credits: 3**
OR
- POLI 2900 - Methods of Political Research - **Credits: 3**
OR
- SOC 2708 - Methods in Social Research - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR

- SOC 4124 - Social Stratification - **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 3000+ **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900 **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 3000+ **Credits: 3**
- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Literature **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900 **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Approved Elective **Credits: 3**
- Approved Elective **Credits: 3**
- Approved Elective **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Concentration Requirements

Students may choose a concentration from:

- Africana Studies Concentration
- Asian Studies Concentration
- European Studies Concentration
- Latin American & Caribbean Studies Concentration
- Diplomacy & International Organizations Concentration
- Environmental Issues & Policies Concentration
- Ethnicity, Nationalism, & Migration Concentration
- Peace & Justice Studies Concentration

International Studies, International Business Option, B.A.

The Bachelor of Arts in International Studies offers a business track for students seeking a degree program combining a broad-based liberal arts core curriculum with course work in Accounting, Marketing, Finance, Economics, Management, and Business Administration. This program prepares students for careers with international corporations, government agencies, and non-governmental and non-profit agencies that seek professionals with business and financial training, proficiency in at least one foreign language, and a general education in global and cultural issues.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- SOC 1051 - Introductory Sociology - **Credits: 3**
- POLI 2700 - Introduction to World Politics - **Credits: 3**

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- Culture Course **Credits: 3**⁴
- FORL 2001 **Credits: 3**
- FORL 2002 **Credits: 3**⁸
- Literature **Credits: 3**⁵

Total Credit Hours: 21

Course Requirements for Major

- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

- FORL 3000-level (language/not lit) **Credits: 3**
- Foreign Language 3000- level (Language/not lit) **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 6**

Choose 6 Hours

- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
- POLI 4900 **Credits: 6**

Total Credit Hours: 30

Concentration/Option Requirements/Electives

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4306 - International Finance - **Credits: 3**
OR
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**⁷
OR
- BA 4048 - International Business Law - **Credits: 3**⁷
OR
- ACCT 4126 **Credits: 3**⁷
OR
- IS 4998 - Internship Internatnl Studies - **Credits: 3 - 6 (Variable)**
OR
- IS 4999 - Honors Internship IS - **Credits: 3 - 6 (Variable)**
- or other course approved by director of BAIS program

- Electives **Credits: 9**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

1. "C" or better required
2. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
3. FTA (theatre/dance/film related course, FA or MUS)
4. Any 2000-level or higher course in any discipline that treats culture, e.g., ANTH 2052
5. Literature course may be in ENGL, FREN, or SPAN
6. Non-Western History Option includes any 2000-level or higher HIST course with a non-U.S./non-European focus. (Note: Students with an area studies concentration should choose 6 hours unrelated to that area.) Diplomatic History Option includes any two of the following courses: HIST 4381, HIST 4570, HIST 4575, 4580, HIST 4581 or other course by the program director.
7. Course has a prerequisite or requires departmental consent.
8. All FORL courses should be in one language only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- SOC 1051 - Introductory Sociology - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
- POLI 2700 - Introduction to World Politics - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS or Physical Science **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 4**
- FORL 2001 **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course 2000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 2002 **Credits: 3**
- Arts **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

- SOC 4094 - Social Change - **Credits: 3**
OR

- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 3000+ **Credits: 3**
- POLI Core Course **Credits: 3**
- ACCT 2200 **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 3000+ **Credits: 3**
- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Literature **Credits: 3**
- POLI Core Course **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**

- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4262 **Credits: 3**
OR
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**
OR
- BA 3048 **Credits: 3**¹
OR
- ACCT 4126 **Credits: 3**¹
OR
- IS 4998 - Internship Internatnl Studies - **Credits: 3 - 6 (Variable)**
OR
- IS 4999 - Honors Internship IS - **Credits: 3 - 6 (Variable)**
- or other approved course

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- Elective (Language recommended) **Credits: 3**
- Elective **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Course has a prerequisite or requires departmental consent.
2. Required for all first-time full-time students.

Music, Composition Concentration, B.A.

Student Learning Outcomes

1. Students will demonstrate the skills requisite for artistic self-expression and the creation of high-quality music.
2. Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
3. Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

1. Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
2. Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor before selecting an ensemble.
3. All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors enrolled in applied lessons are expected to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁸
OR
- FORL 1001 **Credits: 3**⁸
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

4

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁴
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
- Applied Composition **Credits: 18**
- Ensemble **Credits: 6**⁵
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Composition Concentration

- MUS 4101 - Contrapuntal Techniques - **Credits: 2**
- MUS 4102 - 20th Century Techniques - **Credits: 2**
- MUS 4105 - Advanced Orchestration - **Credits: 3**
- MUS Electives **Credits: 9**⁶
- MUS 3960 - Half Recital in Composition - **Credits: 0**⁷
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3112 - Conducting II - **Credits: 1**
- Applied Music **Credits: 6**⁹

Total Credit Hours: 24

Total Credit Hours Required: 126

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least six hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
4. All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
5. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. At least two hours of ensemble must be at the 4000-level. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
6. Nine hours must be non-ensemble, three of which must be at the 4000+ level. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
7. Students registered for Recital must be concurrently enrolled in applied composition. Satisfies oral competency requirements.
8. Must complete nine credit hours in one language or twelve credit hours in two languages.
9. To be selected from Applied Keyboard, Voice, Strings, Woodwinds, Brass, or Percussion. Students may choose three 2-credit or two 3-credit lessons in consultation with their major professor.

Four Year Plan of Study

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**²
- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁴

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- MUS 2800 **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
- MUS 2802 - Applied Composition - **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3801 - Applied Composition - **Credits: 3**
- MUS 4101 - Contrapuntal Techniques - **Credits: 2**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**³
- Foreign Language **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3802 - Applied Composition - **Credits: 3**
- MUS 4102 - 20th Century Techniques - **Credits: 2**
- Ensemble **Credits: 1**
- MUS Elective **Credits: 2**
- Literature (2000+) **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4105 - Advanced Orchestration - **Credits: 3**
- MUS 4111 - Conducting III - **Credits: 1**
- MUS 4801 - Applied Composition - **Credits: 3**
- Music Elective **Credits: 3**
- Science **Credits: 3**
- Social Science (3000+) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3960 - Half Recital in Composition - **Credits: 0**
- MUS 4802 - Applied Composition - **Credits: 3**
- Music Elective **Credits: 3**
- Music Elective **Credits: 3**
- Social Science (3000+) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 127

1. All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
2. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
3. Nine hours must be non-ensemble, three of which must be at 4000. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
4. Required for all first-time full-time students.

Music, Jazz Studies Concentration, B.A.

Student Learning Outcomes

1. Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
2. Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
3. Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

1. Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
2. Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
3. All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁵
OR
- FORL 1001 **Credits: 3**⁵
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 2109 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2110 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2605 - Jazz Keyboard Class - **Credits: 1**
- MUS 2606 - Jazz Keyboard Class - **Credits: 1**⁴
- MUS 1003 - Early Jazz - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**
- MUS 4207 - Seminar in Jazz History - **Credits: 3**⁷
- Applied Music **Credits: 18**⁸
- Ensemble **Credits: 6**⁴
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Jazz Studies Concentration

- MUS 3705 - Jazz Improvisation - **Credits: 3**
- MUS 3706 - Jazz Improvisation - **Credits: 3**
- MUS 3990 - Full Recital - **Credits: 0**⁷
- MUS 4109 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS Electives **Credits: 6**³
- MUS 4110 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4705 - Advanced Jazz Improvisation I - **Credits: 3**
- MUS 4706 - Advanced Jazz Improvisation II - **Credits: 3**

MUS 4806 **Credits: 3**

Total Credit Hours: 24

Total Credit Hours Required: 126

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
3. Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be BIOS.
4. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. At least two hours must be at the 3000+ level. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
5. Must complete nine credit hours in one language or twelve credit hours in two languages.
6. Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirements.

Four Year Plan of Study

1

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**¹
- Applied Music **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**³

Total Credit Hours: 17

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1003 - Early Jazz - **Credits: 3**
- OR
- MUS 2006 - Jazz History - **Credits: 3**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 1111 - Music Notation - **Credits: 1**
- Applied Music **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 2109 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2605 - Jazz Keyboard Class - **Credits: 1**

- MUS 3705 - Jazz Improvisation - **Credits: 3**
- MATH **Credits: 1**
- Science **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**²

Total Credit Hours: 17

Second Term

- MUS 1005 - Intro to Music Literature - **Credits: 3**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 2110 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2606 - Jazz Keyboard Class - **Credits: 1**
- MUS 3706 - Jazz Improvisation - **Credits: 3**
- Applied Music **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4109 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4705 - Advanced Jazz Improvisation I - **Credits: 3**
- Science **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**
- Foreign Language **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4110 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4706 - Advanced Jazz Improvisation II - **Credits: 3**
- MUS 4902 - University Jazz Band - **Credits: 1**
- Applied Music **Credits: 3**
- Foreign Language **Credits: 3**
- Social Science (3000) **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4807 - Jazz Arranging/Composition - **Credits: 2**
- MUS 4902 - University Jazz Band - **Credits: 1**
- Applied Music **Credits: 3**
- Foreign Language **Credits: 3**
- Literature (2000+) **Credits: 3**
- Social Science (3000) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**
- MUS 4207 - Seminar in Jazz History - **Credits: 3**
- Applied Music **Credits: 3**

- Music Elective **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 127

1. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
2. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level, thereby fulfilling two requirements at once. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required..
3. Required for all first-time full-time students.

Music, Music Studies Concentration, B.A.

Student Learning Outcomes

1. Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
2. Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
3. Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

1. Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
2. Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
3. All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Education Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- Arts **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²
- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**¹¹
- General Electives **Credits: 12-15**

Total Credit Hours: 27

Course Requirements for Major

5

- MUS 1005 - Intro to Music Literature - **Credits: 3**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁵
- MUS 2101 - Music Theory III - **Credits: 3**⁸
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**⁹
OR
- MUS 1003 - Early Jazz - **Credits: 3**⁹
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 6**⁶

Total Credit Hours: 36

Music Studies Concentration

- MUS 4150 - Senior Project - **Credits: 0**
OR
- MUS 3950 - Half Recital in Performance - **Credits: 0**¹⁰
- MUS Electives **Credits: 18**⁷

Total Credit Hours: 18

Total Credit Hours Required: 120

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
3. Six-hour sequence in one science. Select from BIOS, CHEM, EES. PHYS. Three hours must be biology.
4. Fine Arts or Drama
5. All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
6. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
7. To include no more than twelve hours applied lessons and no more than three hours ensemble beyond the requirements for the degree. Eleven-fourteen hours at the 3000+ level must be taken at UNO. Elective hours must include three hours 4000+.
8. Student may substitute the jazz theory sequence of MUS 2109, 2110, 2605 and 2606. Permission of jazz area required.
9. Students may use MUS 1003 or MUS 2006 to meet the music history requirement, but not both.
10. Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirements.
11. Must complete nine credit hours in one language or twelve credit hours in two languages.

Four Year Plan of Study

1

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**¹
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁴

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**²
- Ensemble **Credits: 1**

- ENGL 1158 - English Composition - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1116 **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 2**³
- Social Science **Credits: 3**

Total Credit Hours: 13

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 2**
- Social Science **Credits: 3**
- Biology **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**
- MUS Elective **Credits: 2**
- Fine Arts **Credits: 3**
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- Social Science (2000+) **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- Music Elective **Credits: 6**
- Foreign Language **Credits: 3**
- Literature (2000+) **Credits: 3**
- 3000+ Elective non-music **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4150 - Senior Project - **Credits: 0**
- Music Elective (4000+) **Credits: 3**
- Social Science (2000+) **Credits: 3**
- Literature (2000+) **Credits: 3**
- 3000+ Elective non-music **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120/122

2

1. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
2. If MUS 2201 and MUS 2202 are both completed, MUS 1005 requirement is waived and student may add 3 music elective credits.
3. May include up to four semesters applied lessons, by audition only. Only three additional hours of ensemble may be applied to the degree. Nine hours must be 3000+, not ensemble. The 18/21 hours must include minimum 3 hours 4000+.
4. Required for all first-time full-time students.

Music, Performance Concentration, B.A.

Student Learning Outcomes

1. Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
2. Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
3. Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

1. Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
2. Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
3. All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁷
OR
- FORL 1001 **Credits: 3**⁷
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

4

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁴

- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
- Applied Music **Credits: 18**¹¹
- Ensemble **Credits: 6**⁵
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Performance Concentration

- MUS 4901 - Chamber Ensemble - **Credits: 1**¹⁰
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3950 - Half Recital in Performance - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**⁸

- MUS 4310 - Vocal Pedagogy - **Credits: 2**
OR
- MUS 4311 - Piano Pedagogy - **Credits: 2**
OR
- MUS 4312 - Instrumental Music Pedagogy - **Credits: 2**⁹

- Applied Music **Credits: 6**
- Music Electives **Credits: 12**⁶

Total Credit Hours: 24

Total Credit Hours Required: 126

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least six hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
3. Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be biology.
4. All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
5. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
6. For instrumentalists, nine hours must be non-ensemble, and three must be at the 4000+ level. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation. For vocalists, nine hours must be non-ensemble, and three must be at the 4000+ level. Four hours must be in diction and/or repertoire courses and three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
7. Must complete nine credit hours in one language or six credit hours in two languages.
8. Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirement.
9. For vocalists, MUS 4310 required. For instrumentalists, MUS 4312 required. For keyboardists, MUS 4311 required.
10. Vocal majors may substitute two hours of music electives at the 3000+ level in place of chamber music.

Four Year Plan of Study

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**

- Applied Music **Credits: 3**
- Ensemble **Credits: 1**²
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁷

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Math **Credits: 3**
- Foreign Language **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Math **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3111 - Conducting I - **Credits: 1**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**^{3,4}
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**

- MUS 1901 - Chamber Ensemble - **Credits: 1**⁵
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3950 - Half Recital in Performance - **Credits: 0**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Science **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1901 - Chamber Ensemble - **Credits: 1**

- MUS 4310 - Vocal Pedagogy - **Credits: 2**
OR
- MUS 4311 - Piano Pedagogy - **Credits: 2**
OR
- MUS 4312 - Instrumental Music Pedagogy - **Credits: 2**⁶

- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Science **Credits: 3**
- Social Science (3000+) **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**
- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Music Elective **Credits: 3**
- Social Science (3000+) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 127

1. All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
2. Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
3. For instrumentalists, nine hours must be non-ensemble, three of which must be at 4000. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
4. For vocalists, nine hours must be non-ensemble, three of which must be at 4000. Four hours must be in diction and/or repertoire courses and three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
5. May not be used in to fulfill ensemble requirements under Curricula in Music. Vocal majors may substitute two hours of music electives in place of chamber ensemble.
6. For vocalists, MUS 4310 is required. For instrumentalists, MUS 4312 is required. For key boardists, MUS 4311 is required.
7. Required for all first-time full-time students.

Philosophy, B.A.

Student Learning Outcomes

1. Philosophy majors will be capable of reading both primary and secondary texts, analyzing the arguments contained in them correctly, and

developing cogent philosophical arguments in defense of their own claims.

2. Philosophy majors will demonstrate a willingness to entertain criticism, the ability to formulate and reply to reasoned objections, and the ability to present opposing views critically, yet sympathetically.
3. Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of Logic.
4. Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of Value Theory.
5. Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of History of Philosophy.
6. Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core areas of Metaphysics & Epistemology.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**²

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- FORL 1001 **Credits: 3**¹
- FORL 1002 **Credits: 3**¹
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 24-27**
- PHIL 1101 - Introduction to Logic - **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits 3**

- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**
- HIST Elective **Credits: 3**

Total Credit Hours: 51

Course Requirements for Major

- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- PHIL Electives **Credits: 14**
- PHIL 3000+ **Credits: 15**

Total Credit Hours: 30

8

Total Credit Hours Required: 120

1. Must complete nine credit hours in one language or six credit hours in two languages.
2. "C" or better required.
3. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
5. From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
6. A minimum of 33 credit hours of PHIL courses, including at least 15 in courses numbered above 3001, is required for the major in philosophy. Not more than six hours of 1000-level courses will be allowed to count toward this 33-hour total.
7. Majors are required to take PHIL 3030 during their senior year.
8. No more than two 1000-level courses may count among the required 33 credit hours in PHIL courses and each student must complete at least one course in Metaphysics/Epistemology (any PHIL course whose second digit is a "4") may be waived. In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department. Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- PHIL Elective **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- FORL 1002 **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher

- PHIL Elective **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- PHIL Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Arts **Credits: 3**
- Social Science 2000+ **Credits: 3**
- PHIL Elective **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHIL Elective **Credits: 2**
- PHIL 3000+ **Credits: 3**
- Physical Science **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Elective **Credits: 4**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Electives **Credits: 9**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHIL 3000+ **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Philosophy, Pre-Law Concentration, B.A.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**²

Mathematics

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- FORL 1001 **Credits: 3**¹
- FORL 1002 **Credits: 3**¹
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- PHIL 1101 - Introduction to Logic - **Credits: 3**
- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits 3**
- Social Science Electives 2000+. **Credits: 6**
- English Literature Elective **Credits: 3**
- History Elective **Credits: 3**
- Non-PHIL Electives 3000+ **Credits: 6**
- Free electives **Credits: 27**

Total Credit Hours: 51

Course Requirements for Major

- PHIL 2311 - Hist Ancient & Medieval Phil - **Credits: 3**
- PHIL 2215 - Social & Political Philosophy - **Credits: 3**
OR
- PHIL 2207 - Philosophy of Law - **Credits: 3**
- PHIL Electives 3000+ **Credits: 11**
- PHIL 2201 - Ethics - **Credits: 3**
- PHIL 2312 - History Modern Philosophy - **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**

Two from

- PHIL 3094 **Credits: 3**²
- PHIL 3095 **Credits: 3**²
- PHIL 3101 - Advanced Logic - **Credits: 3**
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- PHIL 4201 - Advanced Ethics - **Credits: 3**
- PHIL 4205 - Environmental Ethics - **Credits: 3**
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

1. Must complete nine credit hours in one language or six credit hours in two languages.
2. "C" or better required
3. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement.
4. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement.
5. From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
6. Up to 3 credit hours can be substituted for an appropriate elective outside of philosophy.
7. No more than two 1000-level courses may count among the required 30 PHIL credit hours and each student must complete at least one course in Metaphysics/Epistemology ('-4--').
8. PHIL 3094: Directed Readings in Philosophy and/or PHIL 3095: Special Topics in Philosophy may be taken by department permission to satisfy this requirement when the topic of PHIL 3094 or PHIL 3095 is connected with legal philosophy, social philosophy, political philosophy, ethics, logic, or some other topic determined by the department to be relevant to this concentration.
9. No more than two 1000-level courses may count among the required 33 credit hours in PHIL courses and each student must complete at least one course in Metaphysics/Epistemology (any PHIL course whose second digit is a "4")

In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department.

Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- PHIL 1101 - Introduction to Logic - **Credits: 3**
- Social Science **Credits: 3**

UNIV 1001 - University Success - **Credits: 1**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher

- PHIL 2201 - Ethics - **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- POLI 2051 **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- PHIL 2311 - Hist Ancient & Medieval Phil - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Arts **Credits: 3**
- POLI 2200 - U.S. Courts and Judges - **Credits: 3**
- PHIL 2312 - History Modern Philosophy - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHIL 2207 - Philosophy of Law - **Credits: 3**
OR
- PHIL 2215 - Social & Political Philosophy - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Physical Science **Credits: 3**

- POLI 4410 - American Constitutional Law - **Credits: 3**
OR
- POLI 4420 - Am Const & Civil Liberties - **Credits: 3**
OR
- POLI 4440 - Urban Judicial Process - **Credits: 3**
OR
- POLI 4640 - US Congress & People - **Credits: 3**
OR
- POLI 4860 - International Law - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- PHIL 3094 **Credits: 3**
OR
- PHIL 3095 **Credits: 3**
OR
- PHIL 3101 - Advanced Logic - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 4201 - Advanced Ethics - **Credits: 3**
OR
- PHIL 4205 - Environmental Ethics - **Credits: 3**
OR
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHIL 3094 **Credits: 3**
OR
- PHIL 3095 **Credits: 3**
OR
- PHIL 3101 - Advanced Logic - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 4201 - Advanced Ethics - **Credits: 3**
OR
- PHIL 4205 - Environmental Ethics - **Credits: 3**
OR
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Philosophy, Public Policy, Ethics and Law Concentration, B.A.

General Education Requirements

Select General Education Requirements from the General Education Menu

English

- ENGL 1157 - English Composition - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**¹
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- Mathematics - **Credits: 6**

Sciences

- BIOS Elective⁴ - **Credits: 3**
- Physical Science Elective⁴ - **Credits: 3**
- BIOS Elective or Elective from same Physical Science⁴ - **Credits: 3**

Humanities

- FORL 1001¹ - **Credits: 3**
- FORL 1002¹ - **Credits: 3**
- English Literature Elective - **Credits: 3**

Arts

- Arts Elective⁵ - **Credits: 3**

Social Sciences

- Social Science Electives³ - **Credits: 6**

Major Requirements

- PHIL 1050 - Analytical Reasoning - **Credits: 3**
OR
- PHIL 1101 - Introduction to Logic - **Credits: 3**
- PHIL 2201 - Ethics - **Credits: 3**
- PPEL 3000 - Foundations of Public Policy, Ethics, and Law - **Credits: 3**
- PPEL 3900 - Current Topics in Public Policy, Ethics, and Law - **Credits: 3**
- PPEI 3910 - Public Policy, Ethics, and Law Capstone - **Credits: 3**⁶
- Philosophy Elective 4000-level⁸ - **Credits: 3**
- Philosophy Elective 3000-level⁸ - **Credits: 3**
- Philosophy Elective 3/4000-level⁸ - **Credits: 3**
- Philosophy Electives⁷ - **Credits: 6**

Other Requirements

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**
- POLI 2900 - Methods of Political Research - **Credits: 3**
- FORL 2001/1001⁵ - **Credits: 3**
- English Literature Elective - **Credits: 3**
- Electives outside Major 3000+ - **Credits: 6**
- Electives - **Credits: 27**

Total Credit Hours: 120

1. Must complete nine credit hours in one language or six credit hours in two languages
2. "C" or better required
3. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN). Check General Education Courses to confirm what courses fulfill this requirement
4. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what

courses fulfill this requirement

5. From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement
6. With the approval of the Director of the University Honors Program, honors thesis/project graduation requirements can be satisfied by student work in 3910.
7. 3 credit hours may be substituted with a relevant course from another department with the permission of the chair.
8. Electives must be from PHIL 3580 through 3599 or PHIL 4580 through 4599.

In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department.

Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
 - Math 1031, Math 1115, or higher **Credits: 3**
 - POLI 2151 - US Govt & Politics - **Credits: 3**
 - PHIL 1101 - Introduction to Logic - **Credits: 3**
 - PHIL 2201 - Ethics - **Credits: 3**
 - UNIV 1001 - University Success - **Credits: 1**
- Total Hours: 16**

Second Term

- ENGL 1158 or ENGL 1159 **Credits: 3**
 - MATH 1032 or higher **Credits: 3**
 - Foreign Language 1001 **Credits: 3**
 - ECON 1203 - Principles of Microeconomics - **Credits: 3**
 - PPEL 3000 - Foundations of Public Policy, Ethics, and Law - **Credits: 3**
- Total Hours: 15**

Second Year of Enrollment

First Term

- Gen Ed Biology **Credits: 3**
 - Foreign Language 1002 **Credits: 3**
 - Gen Ed Literature **Credits: 3**
 - POLI 2900 - Methods of Political Research - **Credits: 3**
 - Philosophy elective **Credits: 3**
- Total Hours: 15**

Second Term

- Gen Ed Biology or Physical Science **Credits: 3**
 - Foreign Language 2001 **Credits: 3**
 - Literature elective **Credits: 3**
 - Gen Ed Arts **Credits: 3**
 - PPEL 3900 - Current Topics in Public Policy, Ethics, and Law - **Credits: 3**
- Total Hours: 15**

Third Year of Enrollment

First Term

- Gen Ed Physical Science **Credits: 3**
- Philosophy elective **Credits: 3**
- Philosophy 3000+ elective **Credits: 3**
- Electives **Credits: 6**

Total Hours: 15

Second Term

- Non-Philosophy 3000+ elective **Credits: 3**
- Philosophy elective **Credits: 3**
- Philosophy 3000+ elective **Credits: 3**
- Electives **Credits: 6**

Total Hours: 15

Fourth Year of Enrollment

First Term

- Non-Philosophy 3000+ elective **Credits: 3**
- Philosophy 3000+ elective **Credits: 3**
- Electives **Credits: 9**

Total Hours: 15

Second Term

- PPEI 3910 - Public Policy, Ethics, and Law Capstone - **Credits: 3**
 - Electives **Credits: 12**
- Total Hours: 15**

Total Credit Hours: 120

Political Science, B.A.

Student Learning Outcomes

1. Graduates will have a basic understanding of political science, political processes, and the role of politics in social affairs.
2. Students will demonstrate ability to quantitatively analyze political information.
3. Graduates will have knowledge of politics outside the United States.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Foreign Language 2001/1002 **Credits: (3 or 6)**
- Social Science 2000+ **Credits: 6**
- Non-POLI electives 3000+ **Credits: 6**
- Electives **Credits: 27-30**⁷

Total Credit Hours: 48

(Total elective hours in other requirements of 27-30 and total hours of 48 pertains to the Political Science major with no concentration. When the pre-law concentration is added, the hour total is reduced by 3 hours.)

Course Requirements for Major

- POLI 2151 - US Govt & Politics - **Credits: 3**
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
- POLI 2700 - Introduction to World Politics - **Credits: 3**

- POLI 2900 - Methods of Political Research - **Credits: 3**
- Political Science electives, 3000+ **Credits: 9**
- Political Science elective, any level **Credit: 3**

Total Credit Hours: 21

Political Science (No Concentration)

- Political Science Electives 3000+ **Credits: 9**⁷
- Political Science Elective, any level **Credits: 3**

Total Credit Hours: 12

Pre-Law Concentration

- POLI 2200 - U.S. Courts and Judges - **Credits: 3**

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- ENGL 2155 - Intro to Professional Writing - **Credits: 3**
OR
- ENGL 4158 - Legal Writing - **Credits: 3**

Choose 3

- POLI 4170 - Politics of Public Policy - **Credits: 3**
- POLI 4410 - American Constitutional Law - **Credits: 3**
- POLI 4420 - Am Const & Civil Liberties - **Credits: 3**
- POLI 4440 - Urban Judicial Process - **Credits: 3**
- POLI 4630 - The U.S. Presidency - **Credits: 3**
- POLI 4640 - US Congress & People - **Credits: 3**

- POLI 4650 - Southern Politics - **Credits: 3**
- POLI 4670 - Women and Politics - **Credits: 3**
- POLI 4780 - Comparative Democratization - **Credits: 3**
- POLI 4820 - International Organization - **Credits: 3**
- POLI 4840 **Credits: 3**
- POLI 4860 - International Law - **Credits: 3**
- POLI 4870 - American Foreign Policy - **Credits: 3**
- POLI 4885 - Issues in Conflict & Diplomacy - **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. "C" or better required.
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. 6 hour sequence in one science; 3 hours in another science. Select from BIOS, CHEM, EES, PHYS but either the 3 hour science or the 6-hour science sequence must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
5. Must complete nine credit hours in one language or six credit hours in two languages.
6. See the list of Approved Electives for the College of Liberal Arts, Education and Human Development.
7. Total elective hours in other requirements of 27-30 and total hours of 48 pertains to the Political Science major with no concentration. When the pre-law concentration is added, the hour total is reduced by 3 hours.
8. At least one 3000 level or above political science course must be in US politics and at least one 3000+ political science course must be in Comparative Politics or International Relations.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- BIOS **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3** etc.
- POLI 1010 - Contemporary Issues Politics - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- Other Physical Science **Credits: 3**
- Other MATH **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- Other Physical Science **Credits: 3**
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR

- POLI 2700 - Introduction to World Politics - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Approved Arts **Credits: 3**
- Other Social Science or Humanities **Credits: 3**
- POLI Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Other Social Science or Humanities **Credits: 3**
- POLI 2900 - Methods of Political Research - **Credits: 3**
- Any POLI course at 3000+ level in US Politics **Credits: 3**
- Any POLI course at 3000+ level in International or Comparative **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Other Social Science or Humanities **Credits: 3**
- Any POLI course at 3000+ level **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Other Social Science or Humanities **Credits: 3**
- POLI Elective course at 3000+ level **Credits: 6**
- Electives **Credits: 3**
- POLI 4990 - Special Topics in Poli Science - **Credits: 3**

Total Credit Hours: 16

Second Term

- Electives **Credits: 13**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Romance Languages (French), B.A.

Student Learning Outcomes

1. FRENCH/SPANISH Students will develop proficiency in written expression and reading comprehension.
2. FRENCH/SPANISH Students will develop proficiency in verbal expression and listening skills.
3. FRENCH/SPANISH Students will acquire broad knowledge of French- Francophone/Spanish - Hispanophone cultures and civilizations.
4. FRENCH/SPANISH The students shall demonstrate an understanding and appreciation of French/Spanish language literature and the ability to communicate them orally and in writing.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6*

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FREN 1001 - Basic French I - **Credits: 3**
- FREN 1002 - Basic French II - **Credits: 3**
- English Literature 2000+ from Gen Ed menu.⁵

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- History - European 2000+ **Credits: 3**
- History - European or Louisiana 2000+ **Credits: 3**
- FREN 2001 - Intermediate French I - **Credits: 3**
- FREN 2002 - Intermediate French II - **Credits: 3**
- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- English Literature course **Credits: 3**
- Electives **Credits: 16**

Total Credit Hours: 49

Course Requirements for Major

- French culture courses 3000+ **Credits: 6**
- FREN 3002 - Practical French Phonetics - **Credits: 3**
- FREN 3031 - French Conversation - **Credits: 3**
- FREN 3041 - Advanced French Grammar - **Credits: 3**
- FREN 3042 - Advanced French Comp & Syntax - **Credits: 3**

- FREN 3100 - Survey French Literature - **Credits: 3**
- FREN 3197 - Oral Proficiency - **Credits: 1**
- FREN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- FREN Electives 4000+ **Credits: 6**
- FREN Literature 3000+ **Credits: 3**

Total Credit Hours: 32

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

1. "C" or better required
2. Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
4. From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
5. Students must take one of the English courses from the Gen Ed menu- English 2041, 2043, 2071, 2072, 2090, 2091, 2208, 2218, 2311, 2312, 2341, 2377, 2378 or 2521

In all cases, college subject requirements should be completed before taking electives. Refer to the University and college requirements for particulars. In conference with a foreign language advisor each student will plan a balanced and coherent program designed for the student's particular needs and interests. Through choice of electives the student may wish to combine the Major program with another field of study: a second foreign language and literature, linguistics, the civilization of an area, an allied subject within the humanities, an allied field within the social sciences, sciences, or business administration.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Arts **Credits: 3**
- General Electives **Credits: 3**
- FREN 1001 - Basic French I - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- General Electives **Credits: 6**
- FREN 1002 - Basic French II - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- General Electives **Credits: 5**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- FREN 2001 - Intermediate French I - **Credits: 3**

Total Credit Hours: 14

Second Term

- BIOS or Physical Science **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- FREN 2002 - Intermediate French II - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Physical Science **Credits: 3**
- FREN 3031 - French Conversation - **Credits: 3**
- FREN 3041 - Advanced French Grammar - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Second Term

- European or Latin American History 2000+ **Credits: 3**
- FREN 3042 - Advanced French Comp & Syntax - **Credits: 3**
- FREN 3100 - Survey French Literature - **Credits: 3**
- FREN 3197 - Oral Proficiency - **Credits: 1**
- Social Sciences 2000+ **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- FREN 3002 - Practical French Phonetics - **Credits: 3**
- French Literature 3000+ **Credits: 3**
- French Culture 3000+ **Credits: 3**
- French Elective 4000 level **Credits: 3**
- Upper Level non-major elective **Credits: 3**

Total Credit Hours: 15

Second Term

- French Culture 3000+ **Credits: 3**
- Upper Level non-major elective **Credits: 4**
- French Elective 4000 level **Credits: 3**
- European or Louisiana History 2000+ **Credits: 3**
- FREN 3500 - Tutorial for Graduating Majors - **Credits: 1**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Romance Languages (Spanish), B.A.

Student Learning Outcomes

1. FRENCH/SPANISH Students will develop proficiency in written expression and reading comprehension.
2. FRENCH/SPANISH Students will develop proficiency in verbal expression and listening skills.
3. FRENCH/SPANISH Students will acquire broad knowledge of French- Francophone/Spanish - Hispanophone cultures and civilizations.
4. FRENCH/SPANISH The students shall demonstrate an understanding and appreciation of French/Spanish language literature and the ability to communicate them orally and in writing.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 3**⁶

Humanities

- SPAN 1001 - Basic Spanish I - **Credits: 3**
- SPAN 1002 - Basic Spanish II - **Credits: 3**
- English Literature 2000+ from Gen Ed Menu⁵

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- History-European or Latin American 2000+ **Credits: 6**
- SPAN 2001 - Intermediate Spanish I - **Credits: 3**
- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- English Literature 2000+ - **Credits: 3**
- Social Science Electives 2000+ - **Credits: 6**
- Electives outside of Major 3000+ - **Credits: 6**
- Electives - **Credits: 16**

Total Credit Hours: 49

Course Requirements for Major

- Hispanic Culture Courses 3000+ **Credits: 6**
- SPAN 3031 - Spanish Conversation - **Credits: 3**
- SPAN 3041 - Advanced Spanish Grammar - **Credits: 3**
- SPAN 3042 - Advanced Spanish Comp & Syntax - **Credits: 3**
- SPAN 3002 - Phonetics - **Credits: 3**
- SPAN 3197 - Oral Proficiency - **Credits: 1**
- SPAN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- SPAN Electives 4000+ **Credits: 6**
- SPAN Literature 3000+ **Credits: 6**

Total Credit Hours: 32

Total Credit Hours Required: 120

1. "C" or better required
2. Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
4. From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
5. Students must take one of the English courses from the Gen Ed menu- English 2041, 2043, 2071, 2072, 2090, 2091, 2208, 2218, 2311, 2312, 2341, 2377, 2378 or 2521.

In all cases college subject requirements should be completed before taking electives. Refer to the university and college requirements for particulars. In conference with a foreign language advisor each student will plan a balanced and coherent program designed for the student's particular needs and interests. Through choice of electives the student may wish to combine the Major program with another field of study: a second foreign language and literature, linguistics, the civilization of an area, an allied subject within the humanities, an allied field within the social sciences, sciences, or business administration.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Art **Credits: 3**
- General Electives **Credits: 3**
- SPAN 1001 - Basic Spanish I - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- General Electives **Credits: 6**
- SPAN 1002 - Basic Spanish II - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

Total Credit Hours: 15

Second Year of Enrollment

First Term

- General Electives **Credits: 6**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- SPAN 2001 - Intermediate Spanish I - **Credits: 3**

Total Credit Hours: 15

Second Term

- BIOS or Physical Science **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Physical Science **Credits: 3**
- SPAN 3031 - Spanish Conversation - **Credits: 3**
- SPAN 3041 - Advanced Spanish Grammar - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Second Term

- European or Latin American History 2000+ **Credits: 3**
- SPAN 3042 - Advanced Spanish Comp & Syntax - **Credits: 3**
- Spanish Lit 3000+ **Credits: 3**
- SPAN 3197 - Oral Proficiency - **Credits: 1**
- Social Sciences 2000+ **Credits: 6**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- SPAN 3002 - Phonetics - **Credits: 3**
- Spanish Literature 3000+ **Credits: 3**
- Hispanic Cultures 3000+ **Credits: 3**
- Spanish Elective 4000 level **Credits: 3**
- Upper Level non-major elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Hispanic Cultures 3000+ **Credits: 3**
- Upper level non-major Spanish Elective 4000 level **Credits: 3**
- European or Latin American History 2000+ **Credits: 3**
- SPAN 3500 - Tutorial for Graduating Majors - **Credits: 1**

- Elective **Credits: 3**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Sociology, B.A.

1. Students will learn the basic theoretical and methodological paradigms in sociology and how they are applied in various substantive areas of the discipline.
2. Students will learn essential components of research design, data collection, and data analysis necessary to conduct their own sociological research projects.
3. Students will learn how to critically evaluate and analyze scholarly research reports.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Upper-level non major elective **Credits: 6**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**
- General Electives **Credits: 29-32**

Total Credit Hours: 50

Course Requirements for Major

- SOC 1051 - Introductory Sociology - **Credits: 3**
- SOC 2707 - Social Statistics I - **Credits: 4**
- SOC 2708 - Methods in Social Research - **Credits: 3**
- SOC 4086 - Sociological Theory - **Credits: 3**
- 4000-level core Sociology courses **Credits: 6**⁵
- Sociology Electives **Credits: 12**⁷

Total Credit Hours: 31

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

1. "C" or better required
2. Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher.
3. 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. [Check General Education Courses](#) to confirm what courses fulfill this requirement.
4. [Check General Education Courses](#) to confirm what courses fulfill this requirement.
5. Choose two courses from among SOC 4080, SOC 4094, SOC 4101, SOC 4103, SOC 4107, SOC 4124, SOC 4216, SOC 4921.
6. Must complete nine credit hours in one language or six credit hours in two languages.
7. Nine(9) of the elective credits must be 4000 level courses.

Four Year Plan of Study

First Year of Enrollment

First Term

- SOC 1051 - Introductory Sociology - **Credits: 3**
- MATH **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- SOC 2000 Elective **Credits: 3**
- MATH **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Science **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Foreign Language **Credits: 3**
- ENGL Literature **Credits: 3**
- SOC 2707 - Social Statistics I - **Credits: 4**
- SOC 2000 Elective **Credits: 3**
- Elective (recommend Anthropology) **Credits: 3**

Total Credit Hours: 16

Second Term

- Foreign Language **Credits: 3**
- SOC 2708 - Methods in Social Research - **Credits: 3**
- ENGL Literature **Credits: 3**
- Science **Credits: 3**
- Elective (recommend Political Science) **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Foreign Language **Credits: 3**
- SOC 4086 - Sociological Theory - **Credits: 3**
- SOC, core course **Credits: 3**
- Science **Credits: 3**
- Elective 3000+ level **Credits: 3**

Total Credit Hours: 15

Second Term

- SOC Elective **Credits: 3**
- Elective (recommend History) **Credits: 3**
- Elective, 3000+ level **Credits: 3**
- Arts **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- SOC Core course **Credits: 3**
- Remaining Electives **Credits: 9**
- SOC Internship **Credits: 3**

Total Credit Hours: 15

Second Term

- Sociology Elective **Credits: 3**
- Remaining electives **Credits: 10**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Bachelor of Interdisciplinary Studies

Interdisciplinary Studies, B.I.S.

Student Learning Outcomes

1. Students will demonstrate an understanding of integrative learning as it relates to the attainment of educational and professional opportunities.
2. Students will identify knowledge they have acquired from two or three disciplines.
3. Interdisciplinary Studies majors learn how to integrate ideas across disciplines and incorporate distinct perspectives in their learning processes.

Degree Program

The Bachelor of Interdisciplinary Studies is a unique and rigorous degree program administered by the Office of Academic Affairs at The University of New Orleans. The program provides versatility for students seeking to design a coherent academic plan through the process of integrative learning. Integrative Learning refers to the process of combining and coordinating academic elements into a whole or aggregate. IDS students develop an Integrative Learning Plan (ILP) with the guidance and assistance of professional staff. The ILP will incorporate a minimum of two subject areas that clearly represent a focus for studies. Students develop a learning experience that helps meet individual and professional goals while balancing work and life responsibilities with educational opportunities.

Specific requirements for the degree are:

1. General Education Requirements:
 - a. English Composition - 6 hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
 - b. Mathematics/Analytical Reasoning - 6 hours.
 - c. Natural/Life/Physical Sciences - 9 hours, including a six hour sequence in one science and an additional three hour course in another. One of the sciences must be Biological Sciences and the other one must be Chemistry, Earth and Environmental Sciences, or Physics.
 - d. Humanities - 9 hours to include:
 - 3 hours in Literature.
 - 6 additional hours to be taken from the Departments of Film and Theater; English; Foreign Languages; History; Philosophy; Women's and Gender Studies.
 - e. Social/Behavioral Sciences - 6 hours from Anthropology, Economics, Geography, Political Science, Psychology, Sociology and/or Urban Studies.
 - f. Fine Arts - 3 hours to be taken from the Fine Arts, Music, or theatre/dance/film-related courses in Film and Theater.
2. IDS 1002 Making Connections: Introduction to Integrative Learning.
3. IDS 2002 Introduction to Information Literacy and Scholarly Discourse.
4. Integrative Learning Plan: Completion of an interdisciplinary component, representing a clearly defined focus of studies, with a minimum cumulative grade point average of 2.00. The component will consist of at least two disciplines for a combined total of 36 hours. A minimum of 18 of the 36 hours must be completed with course work at the 3000-4999 level. At least half of the ILP (18-credit hours) to be completed after enrolling in the IDS program.
5. IDS 4091 Interdisciplinary Studies Capstone Seminar must complete with C or better.
6. Single-Subject Limitation: A maximum of 30 hours of course work in any one subject can be counted toward credit for the degree. For this purpose, all course work offered in business, education, and engineering will be regarded as a single subject.
7. Completion of a minimum of 33 hours of courses numbered 3000 or above, with a minimum of 18 hours applied to the ILP.
8. Completion of a minimum of 120 hours of course work in courses numbered 1000 and above, with a grade point average of 2.0 (C) or better.
9. No more than one-half the semester hours required for the completion of the IDS degree may be transferred from a community college.
10. The last 30 hours of coursework must be completed in degree residency while enrolled with Interdisciplinary Studies. All hours must apply toward the major.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics/Analytical Reasoning

- Mathematics/Analytical Reasoning **Credits: 3**
- Mathematics/Analytical Reasoning **Credits: 3**

Science

2

- BIOS **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

2

- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 6**

Social Sciences

2

- Social Sciences elective **Credits: 6**

Arts

2

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- ILP support, requisites or electives **Credits: 36**³

Total Credit Hours: 36

Course Requirements for Major

- IDS 1002 - Making Connections: Introduction to Integrative Learning - **Credits: 3**
- IDS 2002 - Information Literacy and Scholarly Discourse - **Credits: 3**
- IDS 4091 - Capstone Seminar - **Credits: 3**
- Integrative Learning Plan (ILP) **Credits: 36**⁴

Total Credit Hours: 42

Total Credit Hours Required: 120

1. English Composition - 6 hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. ILP is unique integrated learning plan of personal and professional interest to student. ILP developed with advising and choice of electives and requisites.
4. Unique 36 hour ILP of personal and professional interest to student containing a minimum of two disciplines with minimum of 18 hours in coursework numbered 3000 or above within the ILP.

Four Year Plan of Study

First Year of Enrollment

First Term

Social Science **Credits: 3**

- UNIV 1001 - University Success - **Credits: 1**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**

- Arts (FA, MUS, FTA) **Credits: 3**
- Humanities **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science **Credits: 3**
- Humanities **Credits: 3**
- Natural Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL 2xxx (literature) **Credits: 3**
- Natural Science **Credits: 3**
- IDS 3001 - Intro to IDS - **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**

Total Credit Hours: 15

Second Term

- Natural Science **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Elective/ILP requisite **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**
- IDS 4091 - Capstone Seminar - **Credits: 3**

Total Credit Hours: 15

Total Degree Hours: 121

Unique Integrative Learning Plan (ILP) is developed through advising with IDS staff. Electives and ILP requisites are selected to support the student's ILP, as well as their personal and professional interests.

Bachelor of Science

Accounting, B.S.

Student Learning Outcomes

1. Students will demonstrate a proficiency in financial accounting and governmental accounting concepts.
2. Students will demonstrate proficiency in auditing concepts.
3. Students will demonstrate a proficiency in individual income taxation concepts.
4. Students will demonstrate proficiency in cost/managerial accounting and accounting information system concepts.
5. Students will demonstrate the effective use of computers and information technology.
6. Students will demonstrate a proficiency in conducting auditing, financial accounting, and tax research.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**

OR

- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as physical Science **Credits: 3**²

Humanities

- Humanities Elective - **Credits: 6**^{2,3}
- ENGL Literature - **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

3

- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Electives **Credits: 13**²
- Business Elective **Credits: 3**²

Total Credit Hours: 50

Course Requirements for Major

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**¹
- ACCT 3123 - Adv Financial Accounting - **Credits: 3**
- ACCT 3124 - Governmental Accounting - **Credits: 3**
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- ACCT 3152 - Tax Accounting I - **Credits: 3**
- ACCT 3161 - Auditing - **Credits: 3**

ACCT Elective 4000 Level **Credits: 3**

Total Credit Hours: 31

Total Credit Hours Required: 120

1. "C" or better required
2. Must select either FTA 2650 as a Humanities or MANG 2472, MANG 3474 as an Elective or Business Elective
3. Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- Arts **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**³

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**²
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**

- Humanities **Credits: 3**²
- MANG 2790 - Business Communication - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- ACCT 3122 - Intermediate Accounting II - **Credits: 3**¹
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- Literature **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Second Term

- ACCT 3152 - Tax Accounting I - **Credits: 3**
- ACCT 3123 - Adv Financial Accounting - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- ACCT 3161 - Auditing - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- Business Elective **Credits: 3**²
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Second Term

- ACCT 3124 - Governmental Accounting - **Credits: 3**
- ACCT Elective 4000 level **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

1. "C" or better required
2. Must select either FTA 2650 as Humanities Elective or MANG 2472, MANG 3474 as Elective or Business Elective.
3. Required for all first-time full-time students.

Pre-CPA Program

Purpose

The purpose of the Pre-CPA program is to provide the courses needed to take the CPA exam in Louisiana. The program is intended to be an alternative to

rather than a replacement for the Master of Science programs.

Requirements

To be eligible to take the CPA exam in Louisiana an individual must meet the following criteria from a university or college approved by the board:

1. Possess at least a baccalaureate degree,
2. Have at least 150 semester hours of post-secondary, graduate, or post-graduate education classes,
3. Have college/university credit for the specific accounting courses and electives, and
4. Have college/university credit for twenty-four hours of business courses including a course in commercial law as it affects accountancy.

Accounting courses: 24 hours above Principles

Business Courses: 24 hours including 3 hours of Business Law (BA 3021) as it affects accountancy.

See Department for specific courses and limitations. Additional details regarding the requirements to take the CPA exam are listed at: www.cpaboard.state.la.us

Biological Sciences, B.S.

Student Learning Outcomes

1. Explain core concepts for biological literacy including: evolution; biological structure-function relationships; information flow; pathways and transformations of energy and matter; interconnectedness and interactions of living systems.
2. Communicate biological information in written and oral form.
3. Critically evaluate scientific literature and communicate research findings to broad audiences.
4. Interpret and accurately communicate data and analyses.
5. Use basic scientific techniques and instrumentation to generate biological data.
6. Effective application of laboratory and/or field techniques.
7. Collaborate effectively as a member of a laboratory/research group.
8. Use quantitative reasoning, modeling and statistics to describe living systems.
9. Ability to draw biological inferences from raw data.
10. Proficiency in data analysis and interpretation.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**^{1,2}
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**^{1,2}

Science

- BIOS 1083 - Biology I - **Credits: 3**¹
- BIOS 1073 - Biology II - **Credits: 3**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**¹

Humanities

- Foreign Language I and II **Credits: 6**³
- Literature **Credits: 3**⁴

Social Sciences

- Social Sciences elective **Credits: 6**⁴

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**¹
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**¹
- CHEM 1018 - General Chemistry II - **Credits: 3**¹
- CHEM 2217 - Organic Chemistry I - **Credits: 3**¹
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**¹

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**¹

- PHYS 1032 - General Physics II - **Credits: 3**
OR
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

- PHYS 1034 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

- Approved Electives **Credits: 25**⁵

Total Credit Hours: 47

Course Requirements for Major

- BIOS 1071 - Biology II Laboratory - **Credits: 1**¹
- BIOS 1081 - Biology I Laboratory - **Credits: 1**¹
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**¹
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**¹
- BIOS Elective **Credits: 24**^{6,7,8,9,10}
- BIOS 4010 - Senior Comprehensive Exam - **Credits: 0** (exit exam)

Total Credit Hours: 34

Total Credit Hours Required: 120

1. "C" or better required
2. MATH 2114, MATH 2124 with a C or better may be substituted for MATH 1125, MATH 1126
3. Completion of six credit hours in one foreign language is required
4. Check General Education Courses to confirm what courses fulfill this requirement.
5. Approved electives: MATH 1115 may count as a free elective.
6. A maximum of 4 BIOS elective credit hours may be at the 2000 level (BIOS 2002, BIOS 2082, BIOS 2090, BIOS 2092, BIOS 2313, BIOS 2553, BIOS 2663, BIOS 2743, BIOS 2741, BIOS 2904, BIOS 2914).
7. A maximum of 7 credit hours may consist of research/apprenticeship (BIOS 2002, BIOS 2082, BIOS 2092, BIOS 3091, BIOS 3092, BIOS 4091) or seminar (BIOS 3091) courses.

8. A minimum of 17 credit hours must be lecture or lecture/laboratory courses at the 3000/4000 level (BIOS 3113, BIOS 3284, BIOS 3373, BIOS 3354, BIOS 3453, BIOS 3490, BIOS 3590, BIOS 3651, BIOS 3653, BIOS 3854, BIOS 3953, BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4413, BIOS 4453 , BIOS 4490, BIOS 4524, BIOS 4534, BIOS 4543, BIOS 4590, BIOS 4644, BIOS 4713 , BIOS 4723, BIOS 4844, BIOS 4933 , BIOS 4974).
9. A minimum of two courses at the 3000/4000 level must have a laboratory component (BIOS 3354, BIOS 3651 and BIOS 3653, BIOS 3854, BIOS 4524, BIOS 4534, BIOS 4644, BIOS 4844, BIOS 4914 , BIOS 4974).
10. A minimum of two courses must be at the 4000 level (BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4490, BIOS 4524, BIOS 4534, BIOS 4543, BIOS 4590, BIOS 4644, BIOS 4713, BIOS 4723, BIOS 4844, BIOS 4914, BIOS 4933 , BIOS 4974).

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science elective **Credits: 3**
- Elective (BIOS 1001 or BIOS 1002) **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**

Total Credit Hours: 14

Second Year of Enrollment

First Term

- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- Foreign Language I **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Total Credit Hours: 14

Second Term

- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- Foreign Language II **Credits: 3**
- BIOS elective 2000 level **Credits: 4**
- Literature **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- BIOS 3000+ **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3 AND**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3 AND**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- Arts **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- BIOS 3000+ **Credits: 3**
- BIOS 3000+ **Credits: 3**

- PHYS 1032 - General Physics II - **Credits: 3 AND**
- PHYS 1034 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1062 - Physics Sci Engr II - **Credits: 3 AND**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- Social Science Elective **Credits: 3**

Total Credit Hours: 13

Fourth Year of Enrollment

First Term

- BIOS 3000+ **Credits: 4**
- BIOS 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 16

Second Term

- BIOS 4010 - Senior Comprehensive Exam - **Credits: 0** (exit exam)
- BIOS 3000+ **Credits: 4**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Business Administration, B.S.

Student Learning Outcomes

1. Students will demonstrate the ability to make an informed ethical decision within a business environment.
2. Students will demonstrate effective written communications skills within a business environment.
3. Students will demonstrate effective problem solving skills within a business environment.
4. Students will demonstrate effective oral communications skills within a business environment.
5. Students will demonstrate core competency skills of the general business functions.
6. Students will learn to integrate general business concepts and apply them to a business situation.
7. Students will be able to identify how global issues affect decision making in the business environment Curriculum in Business

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**
- Other Physical Science **Credits: 3**
- BIOS or same as physical Science **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts Elective

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Electives **Credits: 5**
- Business Elective **Credits: 9**

Total Credit Hours: 51

Course Requirements for Major

- FIN 3302 - Investments - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**

- MANG 3778 - Management Information Systems - **Credits: 3**
or
- ACCT 3141 - Accounting Info Systems - **Credits: 3**

- MKT 3505 - Consumer Behavior - **Credits: 3**

Select 3 Credit Hours:
 - MKT 3515 - Personal Selling - **Credits: 3**
 - MKT 3540 - Integrated Marketing Comm - **Credits: 3**
 - MKT 3580 - Digital Marketing - **Credits: 3**

- Select 3 Credit Hours:
 - BA 3080 - Corporate Social Responsibility - **Credits: 3**
 - BA 3021 - Business Law - **Credits: 3**
 - HRT 3016 - Legal Environ in Hosp Industry - **Credits: 3**
 - MKT 3526 - Legal Environment of Marketing - **Credits: 3**
 - MKT 3530 - Sales Management - **Credits: 3**

- Select 3 Credit Hours:
 - FIN 2302 - Introduction to Investing - **Credits: 3**
 - FIN 3325 - Principles of Real Estate - **Credits: 3**
 - FIN 3301 - Small Business Finance - **Credits: 3**
 - FIN 4310 - Personal Financial Planning - **Credits: 3**
 - FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**

- Select 3 Credit Hours:
 - ECON 4306 - International Finance - **Credits: 3**
 - ECON 4261 - International Trade Theory - **Credits: 3**
 - FIN 4306 - International Finance - **Credits: 3**
 - HRT 4250 - International Tourism - **Credits: 3**
 - HRT 4319 - Wines of the World - **Credits: 3**
 - MANG 4446 - International Management - **Credits: 3**
 - MKT 4546 - Int'l Marketing Management - **Credits: 3**

- Select 3 Credit Hours:
 - HCM 2000 - The US Healthcare System - **Credits: 3**
 - HRT 2000 - Intro to HRT Administration - **Credits: 3**
 - HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
 - MKT 4535 - Services Marketing - **Credits: 3**

- Select 3 Credit Hours:
 - MANG 4468 - HRM Strategy & Compensation Syst - **Credits: 3**
 - MANG 4469 - Staffing & Developing HR - **Credits: 3**
 - MANG 4470 - Employment Law for Managers - **Credits: 3**
 - MANG 4710 - Innovation Management - **Credits: 3**
 - MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
 - ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

1. "C" or better required
2. Check General Education Courses to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
 - MATH 1115 - Applied Algebra - **Credits: 3**
- OR

MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- ARTS **Credits: 3**
- Social Sciences **Credits: 3**
- Business Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3** ¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- Humanities **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- HCM 2000 - The US Healthcare System - **Credits: 3**
OR

- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
OR
- MKT 4535 - Services Marketing - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
OR
- ACCT 3141 - Accounting Info Systems - **Credits: 3**

- Business Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MKT 3515 - Personal Selling - **Credits: 3**
OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
OR
- MKT 3580 - Digital Marketing - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**
OR
- MANG 4469 - Staffing & Developing HR - **Credits: 3**
OR
- MANG 4470 - Employment Law for Managers - **Credits: 3**
OR
- MANG 4710 - Innovation Management - **Credits: 3**
OR
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
OR
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

- MKT Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 2302 - Introduction to Investing - **Credits: 3**
OR
- FIN 3325 - Principles of Real Estate - **Credits: 3**
OR
- FIN 3301 - Small Business Finance - **Credits: 3**
OR
- FIN 4310 - Personal Financial Planning - **Credits: 3**
OR
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
OR
- BA 3080 - Corporate Social Responsblty - **Credits: 3**
OR
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
OR
- MKT 3526 - Legal Environment of Marketing - **Credits: 3**
OR
- MKT 3530 - Sales Management - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4306 - International Finance - **Credits: 3**
OR
- FIN 4306 - International Finance - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**
OR
- HRT 4319 - Wines of the World - **Credits: 3**

OR

- MANG 4446 - International Management - **Credits: 3**
- OR
- MKT 4546 - Int'l Marketing Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. "C" or better required
2. Required for all first-time full-time students.

Chemistry, B.S.

Student Learning Outcomes

1. Students will demonstrate at minimum a basic mastery of the general chemistry core concepts, including the basic chemical concepts of stoichiometry, states of matter, atomic structure, molecular structure and bonding, thermodynamics, equilibria, and kinetics.
2. Students will demonstrate at minimum a basic mastery of foundation level chemical concepts in the five traditional subdisciplines of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, and physical chemistry.
3. Students will demonstrate at minimum a basic mastery of in-depth topics in chemistry that build upon the foundation and incorporate integration of concepts, critical thinking skills, and problem solving skills.
4. Students will demonstrate at minimum a basic competency in functioning as a chemist through a semester long research experience or internship in a professional setting. Competency must be demonstrated through written and oral reporting and be evidenced by satisfactory accomplishment of research or professional laboratory tasks. Students must synthesize the knowledge and skills introduced across the curriculum.
5. Students will demonstrate at minimum a basic competency in laboratory skills during a minimum of 400 hours of laboratory performance.
6. Students will demonstrate at minimum a basic competency in the following ancillary areas: problem solving skills, chemical literature and information management skills, laboratory safety skills, communications skills, team skills, and ethics.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**^{2,3}
- MATH 2124 - Calculus II - **Credits: 4**^{2,3}

Science

- BIOS 1083 - Biology I - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**⁴
- Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**⁴

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Approved MATH Elective **Credits: 3**⁵
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- CHEM 1000 - Freshman Seminar Chem Majors - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- Computer Programming Elective **Credits: 3**⁶
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**⁷
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**⁸
- General Electives **Credits: 118**

Total Credit Hours: 48

9

Course Requirements for Major

- CHEM 2000 - Soph Seminar Chem Majors - **Credits: 1**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3094 - Undergraduate Research - **Credits: 4**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**¹⁰
- CHEM 4000 - Senior Comprehensive Exam - **Credits: 0**
- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**¹¹
- Advanced Chemistry Elective **Credits: 3**¹¹
- Advanced Chemistry Elective **Credits: 3**¹¹

Total Credit Hours: 33

Total Credit Hours Required: 120

1. "C" or better required.
2. 6 credits of Math satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. Completion of MATH 2107, 2108 and 2 credits of general electives fulfills the requirement for MATH 2114, MATH 2124. Completion of Math 2111, MATH 2112 and 1 credit of general electives fulfills all the math requirements for the BS degree.
4. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
5. Must be taken from the following: MATH 2134, MATH 2314, MATH 3511. MATH 1125 and MATH 1126 may be used as general elective hours.
6. The programming requirement can be fulfilled by CSCI 1201, CSCI 1203, CSCI 1205, CSCI 1581/CSCI 1583 or CHEM 2310.
7. PHYS 1033 can be used to replace PHYS 1063.
8. PHYS 1034 can be used to replace PHYS 1065.
9. Includes 2 credits of Math listed in general education requirements section
10. CHEM 3510 cannot be used as a replacement for Biochemistry I (CHEM 4510/BIOS 4103) in any curriculum or concentration that requires CHEM 4510/BIOS 4103. CHEM 3510 cannot be used as a prerequisite for Biochemistry II (CHEM 4511/BIOS 4113).
11. Must be taken from the following: CHEM 3096, CHEM 3110, CHEM 3610, CHEM 3710, CHEM 4110, CHEM 4210, CHEM 4310, CHEM 4311, CHEM 4410, CHEM 4510, CHEM 4511; BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4173, BIOS 4490 (approval required); BIOS 4713; EES 4115; 3 cr. hr. must be at the 4000 level.

Additional Requirement

Minimum grade of C in all 1000-level and 2000-level science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1000 - Freshman Seminar Chem Majors - **Credits: 1**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- Arts Electives **Credits: 3**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**

Total Credit Hours: 14

Second Year of Enrollment

First Term

- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Second Term

- CHEM 2000 - Soph Seminar Chem Majors - **Credits: 1**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2124 - Calculus II - **Credits: 4**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**

- CHEM 3094 - Undergraduate Research - **Credits: 4**
OR
- CHEM 3091 - Chemistry Internship - **Credits: 1 - 4 (Variable)**
- Approved Math Elective **Credits: 3**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**
- CHEM 2310 - Chemical Computing - **Credits: 3**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3411 - Desc Inorganic Chemistry - **Credits: 3**
- Humanities or Social Science Elective **Credits: 6**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- Advanced Chemistry Elective **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**
- General Electives **Credits: 3**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**
- General Elective **Credits: 8**
- CHEM 4000 - Senior Comprehensive Exam - **Credits: 0**

Total Credit Hours: 14

Total Credit Hours Required: 120

1. Students with different math placement should consult with the Chemistry Department.

Concentration Requirements

Students may choose a concentration from:

- Biochemistry Concentration
- Chemical Physics Concentration
- Forensics Concentration
- Materials Concentration
- Medicinal Concentration

Computer Science, B.S.

Student Learning Outcomes

1. Ability to apply mathematical reasoning and logic to formulate solutions to computing problems.
2. Ability to analyze a problem statement, identify requirements, and implement a solution.
3. Ability to communicate effectively and present work coherently to one's peers.
4. Ability to assimilate new results, approaches, and paradigms in the computing profession.
5. Ability to function effectively as a member of a team to collaboratively solve problems.
6. Appreciation and understanding of ethical, legal, security, and social issues involving computing.

7. Ability to analyze the impact of computing on individuals, organizations, and society.
8. Ability to apply analysis of algorithms and computer theory in the modeling and design of a system to evaluate the tradeoffs involved in design decisions.
9. Ability to identify and understand the algorithmic core of a problem statement, reduce the problem to a familiar model, and efficiently design a solution using well-known methods.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS **Credits: 3**⁵
- BIOS or Physical Science **Credits: 6**⁵

Humanities

- FORL Sequence **Credits: 6**⁴
- Literature **Credits: 3**⁴

Social Sciences

- Social Sciences Elective **Credits: 6**⁴

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 2450 - Machine Structure and Assembly Language Programming - **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**
- Elective **Credits: 4**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or Elective
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- CSCI Electives **Credits: 6**⁸
- Science Electives **Credits: 3**⁹
- Science Labs **Credits: 2**⁶
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 49

Includes 1 credits of MATH listed in General Education Requirements section.

Course Requirements for Major

- CSCI 2467 - Systems Programming Concepts - **Credits: 3**
- CSCI 3080 - Ethics in Computing Profession - **Credits: 1**
- CSCI 3090 - Undergraduate Seminar - **Credits: 1**
- CSCI 3102 - Intro to Theory of Computation - **Credits: 3**
- CSCI 3301 - Computer Design & Organization - **Credits: 3**
- CSCI 4000 - Comprehensive Exam - **Credits: 0**
- CSCI 4101 - Analysis of Algorithms - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 4501 - Programming Language Structure - **Credits: 3**
- CSCI 3000 level or above electives **Credits: 6**

Total Credit Hours: 32

Total Credit Hours Required: 120

1. "C" or better required
2. 6 credits of MATH satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. Includes 1 credits of MATH listed in General Education Requirements section.
4. For Social Science Electives, select from ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
5. 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and BIOS 1083, or CHEM 1017 and CHEM 1018, or EES 1000 and EES 2004, or PHYS 1061 and PHYS 1062.
6. Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or EES 1001 and EES 2005, or PHYS 1063 and PHYS 1065.
7. MATH elective must have a prerequisite of at least MATH 2124.
8. Computer science electives must be chosen from computer science courses numbered 3000 or above.
9. Science electives must be BIOS, CHEM, EES, MATH, PHYS, or PSYC.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- Free Elective **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- Social Science Elective **Credits: 3**
- Art Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 13

Second Term

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**
- Social Science Elective **Credits: 3**

Total Credit Hours: 13

Second Year of Enrollment

First Term

- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2450 - Machine Structure and Assembly Language Programming - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- ENGL Literature **Credits: 3**
- Foreign Language I **Credits: 3**

Total Credit Hours: 17

Second Term

- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 2467 - Systems Programming Concepts - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- Foreign Language II **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- CSCI 3102 - Intro to Theory of Computation - **Credits: 3**
- CSCI 3301 - Computer Design & Organization - **Credits: 3**
- Free Elective **Credits: 3**
- CSCI/MATH elective **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**

Total Credit Hours: 15

Second Term

- CSCI 4101 - Analysis of Algorithms - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- CSCI/MATH Elective **Credits: 3**
- Humanities/Social Science elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 3000 level or above elective **Credits: 3**
- Science sequence lecture **Credits: 3**
- Science sequence lab **Credits: 1**
- Science elective **Credits: 3**

Total Credit Hours: 16

Second Term

- CSCI 3080 - Ethics in Computing Profession - **Credits: 1**
- CSCI 3090 - Undergraduate Seminar - **Credits: 1**
- CSCI 4000 - Comprehensive Exam - **Credits: 0**
- CSCI 4501 - Programming Language Structure - **Credits: 3**
- CSCI 3000 level or above elective **Credits: 3**
- Science sequence lecture **Credits: 3**
- Science sequence lab **Credits: 1**
- Science elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Concentration Requirements

Students may choose a concentration from:

- Bioinformatics Concentration
- Game Development Concentration
- Cyber Security Concentration

Earth and Environmental Sciences, Environmental and Coastal Concentration, B.S.

1. Students will be able to construct and effectively present earth and environmental sciences information and concepts visually and verbally through oral presentations.
2. Students will be able to explain earth and environmental sciences concepts and present and interpret data in a technical writing format by their date of graduation.
3. Students will demonstrate an understanding of fundamental concepts in geomorphology.
4. Students will demonstrate an understanding of fundamental concepts in paleontology, earth history, and evolution.
5. Students will demonstrate an understanding of environmental sciences.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

³

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²

- Literature **Credits: 3**²

Social Sciences

- Social Sciences elective **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- 2nd SCI Elective + PAIRED LAB (non EES) **Credits: 4**⁵
- Science Electives **Credits: 9**
- Electives **Credits: 14**

Total Credit Hours: 37

4

Course Requirements for Major

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Approved EES electives **Credits: 6**

Total Credit Hours: 28

Concentration Requirements

- EES 2510 - Environmental Science & Policy - **Credits: 3**
- EES 4925 - Intro to Physical Oceanography - **Credits: 3**⁶
- EES 4520 - Estuarine Envir Sci - **Credits: 4**⁶
- EES 4550 - Coastal Geomorphology - **Credits: 3**⁶
- EES 4949 - Natural Resource Mgt - **Credits: 3**⁶

Total Credit Hours: 16

Total Credit Hours Required: 120

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Notes:

1. "C" or better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. 6 credits of Math satisfy the General Education requirements. Check **General Education Courses** to confirm what courses fulfill this requirement.
4. Includes 1 credits of Math listed in General Education Requirements section.
5. Select from BIOS 1081 and BIOS 1083; or CHEM 1008 and CHEM 1018; or PHYS 1032 and PHYS 1035; PHYS 1062 and PHYS 1065.
6. Up to two of these courses may be substituted by other EES courses of the same level and credit hours.

Four Year Plan of Study

First Year of Enrollment

First Term

- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- Elective **Credits: 2**
- EES 2051 - Geomorphology - **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Second Term

- Science Elective **Credits: 3**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 2510 - Environmental Science & Policy - **Credits: 3**
- Humanities **Credits: 3**

- Science Elective/Lab **Credits: 4**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- Elective **Credits: 3**
- Arts **Credits: 3**
- Humanities **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- EES 4949 - Natural Resource Mgt - **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 4520 - Estuarine Envir Sci - **Credits: 4**
- Social Sciences **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 13

Fourth Year of Enrollment

First Term

- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- Social Sciences **Credits: 3**
- EES Approved Elective **Credits: 3**
- Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**
- EES 4925 - Intro to Physical Oceanography - **Credits: 3**
- Elective **Credits: 2**
- EES Approved Elective **Credits: 4**

Total Credit Hours: 15

Total Credit Hours Required: 120

Earth and Environmental Sciences, Geosciences Concentration, B.S.

Student Learning Outcomes

1. Students will be able to construct and effectively present earth and environmental sciences information and concepts visually and verbally through oral presentations.
2. Students will be able to explain earth and environmental sciences concepts and present and interpret data in a technical writing format by their date of graduation.
3. Students will demonstrate an understanding of fundamental concepts in geomorphology.
4. Students will demonstrate an understanding of fundamental concepts in paleontology, earth history, and evolution.
5. Students will demonstrate an understanding of environmental sciences.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences elective **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- 2nd SCI Elective + PAIRED LAB (non EES) **Credits: 4**⁵
- Science Electives **Credits: 9**
- Electives **Credits: 14**

Total Credit Hours: 37

Course Requirements for Major

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**

- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Approved EES electives **Credits: 6**

Total Credit Hours: 28

Concentration Requirements

- EES 2700 - Earth Materials - **Credits: 3**
- EES 3100 - Earth Structure - **Credits: 3**⁶
- EES 3310 - Ign Met Sed Petrology - **Credits: 3**⁶
- EES 4110 - Introduction to Geophysics - **Credits: 3**⁶
- EES 4750 - Principles of Stratigraphy - **Credits: 4**⁶

Total Credit Hours: 16

Total Credit Hours Required: 120

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Notes:

1. "C" or better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. Includes 1 credits of Math listed in General Education Requirements section.
5. Select from BIOS 1081 and BIOS 1083; or CHEM 1008 and CHEM 1018; or PHYS 1032 and PHYS 1035; PHYS 1062 and PHYS 1065.
6. Up to two of these courses may be substituted by other EES courses of the same level and credit hours.

Four Year Plan of Study

First Year of Enrollment

First Term

1. Required for all first-time full-time students.
 - EES 1000 - Dynamic Earth - **Credits: 3**
 - EES 1001 - Dynamic Earth Lab - **Credits: 1**
 - MATH 1126 - Precalculus Trigonometry - **Credits: 3**
 - ENGL 1157 - English Composition - **Credits: 3**
 - BIOS 1073 - Biology II - **Credits: 3**
 - BIOS 1071 - Biology II Laboratory - **Credits: 1**
 - UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- Elective **Credits: 2**
- Humanities **Credits: 3**
- Science Elective/Lab **Credits: 4**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EES 3100 - Earth Structure - **Credits: 3**
- Arts **Credits: 3**
- Humanities **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- EES 3310 - Ign Met Sed Petrology - **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 4750 - Principles of Stratigraphy - **Credits: 4**
- Social Sciences **Credits: 3**
- Elective **Credits: 4**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- Social Sciences **Credits: 3**
- EES Approved Elective **Credits: 3**
- Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Elective **Credits: 2**
- Elective **Credits: 3**
- EES 4110 - Introduction to Geophysics - **Credits: 3**
- EES Approved Elective **Credits: 3**

Total Credit Hours: 14

Total Credit Hours Required: 120

Electrical Engineering, B.S.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students.

The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical
- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Student Learning Outcomes

1. An ability to apply knowledge of mathematics, science, and engineering
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. An ability to function on multi-disciplinary teams
5. An ability to identify, formulate, and solve engineering problems.
6. An understanding of professional and ethical responsibility.
7. An ability to communicate effectively.
8. The broad education necessary to understand the impact of engineering solutions in a global and societal context.
9. A recognition of the need for, and an ability to engage in life-long learning.
10. A knowledge of contemporary issues.
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
12. Knowledge of probability and statistics and an ability to apply this knowledge to solve electrical engineering problems.
13. Knowledge of mathematics through differential and integral calculus, basic sciences, computer science, engineering sciences and electrical engineering necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components.
14. Knowledge of advanced mathematics including differential equations, linear algebra, complex variables, and discrete mathematics.
15. An ability to manage engineering projects.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
 - ENGL 1158 - English Composition - **Credits: 3**
- OR

- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 41

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGR 3090 **Credits: 1**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- MATH 2221 - Elem Differential Equations - **Credits: 3**

Total Credit Hours: 40

4

Course Requirements for Major

- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**

- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**⁵
OR
- ENEE Electives **Credits: 4**⁶

- ENEE 3583 - Computer System Design - **Credits: 3**⁵
OR
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**⁶
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- ENEE Electives (3xxx or 4xxx) **Credits: 9**
- ENEE Elective^{5,6} or CSCI Elective⁵ **Credits: 3**

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**⁵
OR
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**⁶

Total Credit Hours: 43

Total Credit Hours Required: 122

1. "C" or better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. Includes 2 credits of Math listed in General Education requirements section
5. Required courses for Electrical Engineering Degree with Computer Engineering concentration
6. Required courses for Electrical Engineering Degree with no concentration

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 2114 - Calculus I - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- PHIL 2244 - Engineering Ethics - **Credits: 1**

Total Credit Hours: 16

Second Term

- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 2582 - Digital System Design - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2152 **Credits: 3**

Total Credit Hours: 17

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- Literature Elective **Credits: 3**

Total Credit Hours: 14

Third Year of Enrollment

First Term

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- BIOS Elective **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- Social Science Elective **Credits: 3**
- Arts Electives **Credits: 3**
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENGR 3090 **Credits: 1**
- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective Lab 3000+ **Credits: 1**
- ENEE Elective 3000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 123

1

1. UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree which requires 122 credit hours.

Electrical Engineering, Computer Engineering Concentration, B.S.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students. The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical
- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Student Learning Outcomes

1. An ability to apply knowledge of mathematics, science, and engineering
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. An ability to function on multi-disciplinary teams
5. An ability to identify, formulate, and solve engineering problems.
6. An understanding of professional and ethical responsibility.
7. An ability to communicate effectively.
8. The broad education necessary to understand the impact of engineering solutions in a global and societal context.
9. A recognition of the need for, and an ability to engage in life-long learning.
10. A knowledge of contemporary issues.
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
12. Knowledge of probability and statistics and an ability to apply this knowledge to solve electrical engineering problems.
13. Knowledge of mathematics through differential and integral calculus, basic sciences, computer science, engineering sciences and electrical engineering necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components.
14. Knowledge of advanced mathematics including differential equations, linear algebra, complex variables, and discrete mathematics.
15. An ability to manage engineering projects.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 41

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGR 3090 **Credits: 1**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- MATH 2221 - Elem Differential Equations - **Credits: 3**

Total Credit Hours: 40

4

Course Requirements for Major

- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**⁵

OR

- ENEE Electives **Credits: 4**⁶
- ENEE 3583 - Computer System Design - **Credits: 3**⁵
OR
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**⁶
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- ENEE Electives (3xxx or 4xxx) **Credits: 9**
- ENEE Elective^{5,6} or CSCI Elective⁵ **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**⁵
OR
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**⁶

Total Credit Hours: 43

Computer Engineering Concentration

- ENEE 3583 - Computer System Design - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- ENEE Elective or CSCI Elective **Credits: 3**

Total Credit Hours: 13

Total Credit Hours Required: 122

1. "C" or better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
4. Includes 2 credits of Math listed in General Education requirements section
5. Required courses for Electrical Engineering Degree with Computer Engineering concentration
6. Required courses for Electrical Engineering Degree with no concentration

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 2114 - Calculus I - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- PHIL 2244 - Engineering Ethics - **Credits: 1**

Total Credit Hours: 16

1

Second Term

- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 2582 - Digital System Design - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2152 **Credits: 3**

Total Credit Hours: 17

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- Literature Elective **Credits: 3**

Total Credit Hours: 14

Third Year of Enrollment

First Term

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- BIOS Elective **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- Arts Elective **Credits: 3**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- Social Science Elective **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENGR 3090 **Credits: 1**
- ENEE 3583 - Computer System Design - **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE or CSCI Elective 3000+ **Credits: 3**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 123

1

1. UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree which requires 122 credit hours.

Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach), B.S.

Requirements for Bachelor's Degree in Elementary Education

Integrated to Merged Approach with Certification in General Education and Special Education Mild/Moderate Disabilities Grades One Through Five

A grade below "C" will not be accepted for candidates seeking Integrated to Merged Elementary certification.

The curriculum in the Integrated to Merged Elementary option has five components:

- general education,
- focus area,
- knowledge of the learner and the learning environment
- methodology and teaching, and
- special education.

Student Learning Outcomes

1. Demonstrate knowledge in Special Education in Mild/Moderate disabilities.
2. Demonstrate appropriate dispositions to be an effective special educator in Mild/Moderate disabilities.
3. Demonstrate the ability to design, deliver, and evaluate instruction to impact student learning.

Curriculum in Bachelor of Science in Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach)

General Education Requirements

1

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**

Total Credit Hours: 27

Course Requirements for Major

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Stdies - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDSP 3620 - Methods Students M/M - **Credits: 3**
- EDSP 4740 - Res II: Elem Ed - Spec Ed - **Credits: 9**
- EDSP 3650 - Prac in Positive Behavior - **Credits: 3**
- EDSP 3660 - Practicum Inclusive - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDSP 4730 - Residency I: Elem Ed - **Credits: 6**

Total Credit Hours: 54

Total Credit Hours Required: 120

1. Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements.
Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

NOTE: CHEM 1001 AND URBN 1000 are not acceptable for a degree in Elementary Education.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" in all courses

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Social Science **Credits: 3**²
- Arts **Credits: 3**²
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- EDSP 3620 - Methods Students M/M - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Stdies - **Credits: 3**
- EDSP 3650 - Prac in Positive Behavior - **Credits: 3**
- EDSP 3660 - Practicum Inclusive - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDSP 4730 - Residency I: Elem Ed - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**

- EDSP 4740 - Res II: Elem Ed - Spec Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

1. Required for all First time Full time students.
2. Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements.
Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Elementary Education, Certification in Grades 1-5, B.S.

Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621).

Requirements

A grade below "C" will not be accepted for candidates seeking Elementary certification.

The curriculum in Elementary Education has five components:

- general education,
- focus area,
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Student Learning Outcomes

1. Demonstrate content knowledge in Elementary Education
2. Demonstrate appropriate dispositions to be an effective elementary teacher.
3. Demonstrate ability to design, implement and evaluate effective elementary curriculum and instruction.

General Education Requirements

1

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- Elective **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

Total Credit Hours: 33

Course Requirements for Major

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Studies - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDCI 4425 - Matrl Meth Teach Eng Sec Lang - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4911 - Residency I: Elementary Educ - **Credits: 6**
- EDUC 4912 - Residency II: Elementary Ed - **Credits: 9**

Total Credit Hours: 48

Total Credit Hours Required: 120

1. Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements.
Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable for a degree in Elementary Education.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" in all courses

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Social Science **Credits: 3**²
- Arts **Credits: 3**²
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

OR

- HIST 2502 - US History II - **Credits: 3**
- Social Science **Credits: 3**²
- Elective **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410
- EDLS 3100 - Children's Literature - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Stdies - **Credits: 3**
- EDCI 4425 - Matrl Meth Teach Eng Sec Lang - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4911 - Residency I: Elementary Educ - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4912 - Residency II: Elementary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

1. Required for all First time Full time students.
2. Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements.
Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Finance, B.S.

Student Learning Outcomes

1. Understand basic concepts in finance.
2. Demonstrate the ability to solve problems in finance using basic and intermediate concepts.
3. Demonstrate the ability to integrate and extend basic and intermediate finance concepts to solve advanced problems.
4. Develop and present a cohesive oral presentation based on resolution of a business problem (Oral Communication).
5. Develop a well-organized, written exposition of a business problem analysis and solution (Written Communication).
6. Demonstrate the knowledge of core business concepts taught in Accounting, Finance, Management, Marketing, Economics, Quantitative Analysis, and Legal Environment courses (Business Knowledge).
7. Demonstrate the effective use of workplace technology (Understanding Technology).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**

- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Elective **Credits: 11**
- Business Electives **Credits: 6**

Total Credit Hours: 51

Course Requirements for Major

- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**

- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**

- FIN 4304 - Finance Capstone - **Credits: 3**

- FIN Elective 3000 or higher **Credits: 9 (Students may elect to fulfill these 9 credits with a concentration.)**
- FIN Elective 2000 or higher **Credits: 3**

Total Credit Hours: 30

Financial Analyst Concentration

- FIN 4306 - International Finance - **Credits: 3**
- FIN 4307 - Portfolio Analysis - **Credits: 3**
- FIN 4308 - Derivatives Analysis - **Credits: 3**

Financial Planning Concentration

- FIN 4307 - Portfolio Analysis - **Credits: 3**
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**

Total Credit Hours Required: 120

1. "C" better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- ARTS **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- Humanities **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- Literature **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MANG 3402 - Operations and Systems Management - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- FIN Elective 2000+ **Credits: 3**
- Business Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**
- Finance Elective 4000 level **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 4304 - Finance Capstone - **Credits: 3**
- FIN Electives 4000 level **Credits: 6**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. "C" or better required
2. Required for all first-time full-time students.

Concentrations	Certificate/Issuing Body
Financial Planning	<u>Certified Financial Planner (CFP®)</u> - Certified Financial Planning Board Financial Analyst
Financial Analyst	<u>Chartered Financial Analyst (CFA®)</u> - CFA Institute

Healthcare Management, B.S.

Student Learning Outcomes

The primary learning goals of the BS in Healthcare Management program are to:

1. Prepare students for successful job entry into the profession of healthcare management.
2. Prepare students to succeed under variable conditions of the future.
3. Create a student body and a network of alumni who are actively engaged in the process of improving the health of the community, state, nation, and world.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR

- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**³
- Other Physical Science **Credits: 3**²
- BIOS or same Physical Science **Credits: 3**³

Humanities

- Humanities **Credits: 6**
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Arts

- Arts **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- General Electives **Credits: 7**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**³

Total Credit Hours: 47

Course Requirements for Major

- HCM 1000 - Intro to Health Management - **Credits: 3**
- HCM 2000 - The US Healthcare System - **Credits: 3**
- HCM 3010 - Health Improvement - **Credits: 3**
- HCM 3020 - Healthcare Information Tech - **Credits: 3**
- HCM 3030 - Community Health Research - **Credits: 3**
- HCM 3040 - Health Reimbursement - **Credits: 3**
- HCM 4010 - Healthcare Ethics - **Credits: 3**
- ECON 4250 - Health Care Economics - **Credits: 3**
- MKT 4536 - Health Care Marketing - **Credits: 3**
- HCM 4070 - Future of Healthcare - **Credits: 1**
- HCM 4094 - Healthcare Internship - **Credits: 3**
- HCM 4480 - Healthcare Capstone - **Credits: 3**

Total Credit Hours: 34

Total Credit Hours Required: 120

1. "C" or better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
3. BIOS 1053 must be taken prior to BIOS 1303.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- Arts **Credits: 3**
- Humanities **Credits: 3**
- HCM 1000 - Intro to Health Management - **Credits: 3**
- Approved Elective (UNIV 1001) **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3**
- HCM 2000 - The US Healthcare System - **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- Social Sciences (POLI 2151) **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- HCM 3010 - Health Improvement - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- Other Physical Science **Credits: 3**

Total Credit Hours: 15

Second Term

- HCM 3020 - Healthcare Information Tech - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- ECON 4250 - Health Care Economics - **Credits: 3**
- HCM 3030 - Community Health Research - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- HCM 3040 - Health Reimbursement - **Credits: 3**
- HCM 4010 - Healthcare Ethics - **Credits: 3**
- HCM 4070 - Future of Healthcare - **Credits: 1**
- MKT 4536 - Health Care Marketing - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- Other Physical Science **Credits: 3**

Total Credit Hours: 16

Second Term

- HCM 4094 - Healthcare Internship - **Credits: 3**
- HCM 4480 - Healthcare Capstone - **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 12

Total Credit Hours Required: 120

1. "C" or better required
2. Required for all first-time full-time students.

Hotel, Restaurant and Tourism Administration, B.S.

Student Learning Outcomes

1. Students will demonstrate the ability to make an informed ethical decision.
2. Students will demonstrate effective written communications skills.
3. Students will demonstrate effective problem solving skills.
4. Students will demonstrate effective oral communications skills.
5. Students will demonstrate core competency skills of the hospitality and tourism industry to prepare them for a career in the hospitality and tourism industry.
6. Students will learn to apply core concepts of the hospitality and tourism industry to a business situation.
7. Students will be able to identify cultural difference in the business environment.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as other Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Electives **Credits: 6**
- HRT or Business Electives **Credits: 6**

Total Credit Hours: 50

Course Requirements for Major

- HRT 2020 - Hotel Operations - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 3002 - HRT Work Experience - **Credits: 1**
- HRT 3011 - Tourism & Hospitality Marketng - **Credits: 3**
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- HRT 3140 - Cost Control Hosp Operations - **Credits: 3**
- HRT 4000 - Policy Issues Tourism & Hosp - **Credits: 3**
- HRT Electives **Credits: 6**
- MANG 3467 - Human Resource Management - **Credits: 3**

Total Credit Hours: 31

Total Credit Hours Required: 120

1. "C" or better required
2. Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- ARTS **Credits: 3**
- Social Science **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- HRT 2020 - Hotel Operations - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- Humanities **Credits: 3**

- HRT 2035 - Principles of Food Production Laboratory - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 17

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 3002 - HRT Work Experience - **Credits: 1**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- BIOS **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- HRT 3140 - Cost Control Hosp Operations - **Credits: 3**
- Humanities **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Total Credit Hours: 15

Second Term

- MANG 2790 - Business Communication - **Credits: 3**
- HRT 3011 - Tourism & Hospitality Marketng - **Credits: 3**
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- Elective **Credits: 2**
- HRT or Business Elective **Credits: 3**
- HRT or Business Elective **Credits: 3**
- HRT Elective **Credits: 3**

Total Credit Hours: 14

Second Term

- HRT Elective **Credits: 3**
- HRT 4000 - Policy Issues Tourism & Hosp - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

1. "C" or better required

2. Required for all first-time full-time students.

Human Performance and Health Promotion, Exercise Physiology Concentration, B.S.

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes

1. Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
2. Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in a community-based professional setting.
3. Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification)

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**¹
- BIOS 1311 - Human Anatomy & Phys Lab - **Credits: 1**¹
- Electives **Credits: 18**
- BIOS 1313 - Human Anatomy & Phys II - **Credits: 3**¹
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**

Total Credit Hours: 28

Course Requirements for Major

- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDHS 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Electives (2000 level or above) **Credits: 6**
- EDHP/EDHS Electives (4000 level) **Credits: 12**

Total Credit Hours: 30

Concentration Requirements

¹

- EDHP 1090 - Aerobic/Anaerobic Activities - **Credits: 2**
- EDHP 3200 - Kinesiology & Biomechanics - **Credits: 3**
- EDHP 3201 - Physiology of Exercise - **Credits: 3**
- EDHP 3330 - Exercise Physiol Lab Methods - **Credits: 3**
- EDHP 4222 - Physical Fitness Programming - **Credits: 3**
- EDHS 4610 - Nutritional Health & Fitness - **Credits: 3**
- EDHP 4998 - Practicum Human Performance - **Credits: 1 - 6 (Variable)**
- EDHP 3210 - Motor Development & Motr Learn - **Credits: 3**

Total Credit Hours: 23

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

Non-Coursework Requirement

Current Certificate from the Red Cross verifying CPR and First Aid Training (Certificate obtained during the semester before graduating).

2.2 GPA is required for graduation

Note:

NOTE: Transfer students: A grade lower than a C will not be accepted for degree credit.

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Human Performance and Health Promotion degree. Courses can be used for free electives only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- EDHP 1090 - Aerobic/Anaerobic Activities - **Credits: 2**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS 1311 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1313 - Human Anatomy & Phys II - **Credits: 3**
- EDHP 3210 - Motor Development & Motr Learn - **Credits: 3**
- ENGL (Literature) **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Social Sciences **Credits: 3**¹
- EDHP 3201 - Physiology of Exercise - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Arts **Credits: 3**¹
- Humanities **Credits: 3**¹
- EDHP 3200 - Kinesiology & Biomechanics - **Credits: 3**
- EDHP 4222 - Physical Fitness Programming - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHP/EDHS Elective **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- EDHS 4610 - Nutritional Health & Fitness - **Credits: 3**
- Elective **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Humanities **Credits: 3**¹
- EDHP/EDHS Elective **Credits: 3**

- EDHS 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHP 4998 - Practicum Human Performance - **Credits: 1 - 6 (Variable)**
- EDHP 3330 - Exercise Physiol Lab Methods - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

• Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

• Required for all First time Full time students.

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for the degree.

Human Performance and Health Promotion, Health Promotion Concentration, B.S.

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes

- Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
- Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in

a community-based professional setting.

- Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification)

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- Physical Sciences **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**¹
- Social Sciences **Credits: 3**
- Electives **Credits: 21**
- Physical Sciences **Credits: 3**
- Physical Sciences **Credits: 2**

Total Credit Hours: 30

Course Requirements for Major

1

- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**

- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Electives (2000 level or above) **Credits: 6**
- EDHP/EDHS Electives (4000 level) **Credits: 12**

Total Credit Hours: 30

Concentration Requirements

1

- EDHS 4000 level **Credits: 3**
- EDHS 4111 - Epidem Principles Health Promo - **Credits: 3**
- EDHS 4202 - Community Health Promotion - **Credits: 3**
- EDHS 4301 - Methods of Health Education - **Credits: 3**
- EDHS 4302 - Plan Eval Health Prom Programs - **Credits: 3**
- EDHS 4706 - Social Mrktg for Health Comm - **Credits: 3**
- EDHS 4998 - Practicum Health Promotion - **Credits: 1 - 6 (Variable)**

Total Credit Hours: 21

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

Non-Coursework Requirement

2.2 GPA is required for graduation

Current Certificate from the Red Cross verifying CPR and First Aid Training (Certificate obtained during the semester before graduating).

Note:

NOTE: Transfer students: A grade lower than a C will not be accepted for degree credit in the Human Performance and Health Promotion Program.

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Human Performance and Health Promotion degree. Courses can be used for free electives only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- Physical Science **Credits: 4**
- ENGL (Literature) **Credits: 3**
- Social Sciences **Credits: 3**²
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- Physical Science **Credits: 4**²
- Social Sciences **Credits: 3**²
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Arts **Credits: 3**²
- Social Sciences **Credits: 3**
- EDHS 4301 - Methods of Health Education - **Credits: 3**
- EDHS 4202 - Community Health Promotion - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Humanities **Credits: 3**²
- EDHS 4302 - Plan Eval Health Prom Programs - **Credits: 3**
- EDHS 4706 - Social Mrktg for Health Comm - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Humanities **Credits: 3**²
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- EDHS 4000 Level **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHS 4111 - Epidem Principles Health Promo - **Credits: 3**
- EDHS 4998 - Practicum Health Promotion - **Credits: 1 - 6 (Variable)**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Management, B.S.

Student Learning Outcomes

- Management graduates will understand and communicate basic management concepts and the role of managers within organizations and in the marketplace.
- Management graduates will possess the knowledge to define and implement ethical standards and policies of corporate social responsibility.
- Management graduates will understand the global nature of management and be able to strategically address the challenges of managing multinational enterprises.
- Management graduates will be able to apply theories and principles of organizational behavior to managerial decision-making.
- Management graduates will utilize information in the internal and external environment to formulate and implement a strategy that builds on the core competencies of the firm in order to demonstrate active management of an enterprise in a competitive environment.
- Management graduates will demonstrate the ability to give a coherent, understandable business presentation.
- Management graduates will understand how to utilize and integrate technology and information into managerial decision-making and operational processes. This will include applying qualitative and quantitative methods in the decision-making process.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
OR
- BA 4056 - Business Planning - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- MANG Elective 3000-level or higher **Credits: 3**
- General Electives **Credits: 14**

Total Credit Hours: 51

Course Requirements for Major

- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**¹
- MANG 3402 - Operations and Systems Management - **Credits: 3**¹
- MANG 3778 - Management Information Systems - **Credits: 3**
- MANG 4424 - Leadership in Organizations - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**¹

- MANG 4710 - Innovation Management - **Credits: 3**
or
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
or

- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG Electives 3000 level or higher **Credits: 9**

Total Credit Hours: 30

Human Resource Concentration

Taken in place of the nine MANG 3000+ Electives in the Major Requirement

- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**¹
- MANG 4469 - Staffing & Developing HR - **Credits: 3**¹
- MANG 4470 - Employment Law for Managers - **Credits: 3**¹

Total Credit Hours: 9

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Additional Comments

The following courses can be used as MANG electives.

- BA 3056
- BA 3090 - Internship in Entrepreneurship - **Credits: 3**
- BA 3091 - Indep Study Entrepreneurship - **Credits: 3**
- BA 4056 - Business Planning - **Credits: 3**
- BA 4076

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- **ARTS Credits: 3**
- Social Sciences **Credits: 3**
- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**¹

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Humanities **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**¹
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 15

Second Term

- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- Elective **Credit: 1**

Total Credit Hours: 13

Second Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**

OR

- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- OR
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 4424 - Leadership in Organizations - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**¹

Total Credit Hours: 15

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Marketing, B.S.

Student Learning Outcomes

- Marketing graduates will understand and communicate basic marketing concepts and the role of marketing within organizations and in the marketplace. Particular emphasis is placed on concepts related to the 4 Ps (product, price, place, and promotion) and target markets.
- Marketing graduates will possess the knowledge to define and implement ethical standards and policies of social responsibility that will create enduring relationships between firms and their clients and work to the general benefit of society as a whole.
- Marketing graduates will understand the global nature of marketing and demonstrate mastery of appropriate measures to operate effectively in international settings.
- Marketing graduates will be able to use the marketing research process to define a problem/opportunity, design the research project, collect data, and analyze data for the purpose of making appropriate and actionable marketing decisions.
- Marketing graduates will be able to apply theories and principles of consumer behavior to marketing decision-making.
- Marketing graduates will synthesize information in the internal and external environment for marketing decision-making and formulate a marketing plan that aligns forces in the external environment with the core competencies of the firm.
- Marketing graduates will demonstrate active management of a marketing strategy in a competitive environment.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
- OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Business Elective **Credits: 3**
- Electives **Credits: 14**

Total Credit Hours: 51

Course Requirements for Major

- MKT 3501 - Principles of Marketing - **Credits: 3**¹
- MKT 3505 - Consumer Behavior - **Credits: 3**¹
- MKT 3510 - Intro to Marketing Research - **Credits: 3**¹
- MKT 3530 - Sales Management - **Credits: 3**
- OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MKT 4590 - Marketing Strategy - **Credits: 3**¹
- MKT Electives 3000 or higher **Credits: 9**
- Business Elective **Credits: 6**

Total Credit Hours: 30

Sales Concentration

- MKT 3515 - Personal Selling - **Credits: 3**¹
- MKT 3530 - Sales Management - **Credits: 3**¹
- MKT 3580 - Digital Marketing - **Credits: 3**¹

Total Credit Hours: 9

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- ARTS **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**¹

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Humanities **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MKT 3510 - Intro to Marketing Research - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Business Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MKT 4590 - Marketing Strategy - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Business Electives **Credits: 6**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Sales Concentration

The Concentration in Sales requires the completion of

- MKT 3515 - Personal Selling - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
- MKT 3580 - Digital Marketing - **Credits: 3**

Mathematics, B.S.

Student Learning Outcomes

Graduating mathematics majors will be able to:

- Analyze and solve basic problems requiring analytical skills.
- Analyze and solve fundamental problems requiring abstract analytical skills.
- Apply mathematical knowledge to other areas of science and engineering.
- Analyze and solve basic problems requiring statistical knowledge.
- Communicate knowledge through written work.
- Communicate knowledge through oral work.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2124 - Calculus II - **Credits: 4**^{2,7}

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- Foreign Language Sequence **Credits: 6**⁸
- Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**³

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
OR
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- Science Electives **Credits: 11-12**⁵
- General Electives **Credits: 25**

Total Credit Hours: 44

6

Course Requirements for Major

- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 4101 - Advanced Calculus - **Credits: 3**⁹
- MATH 4511 - Linear Algebra - **Credits: 3**
- Mathematics 3000+ **Credits: 6**
- Mathematics 4000+ **Credits: 9**
- MATH 3900 - Undergraduate Oral Examination - **Credits: 0**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**

Total Credit Hours: 37

Total Credit Hours Required: 120

- "C" or better required
- 6 credits of Math satisfy the general education requirements
- Check General Education Courses to confirm courses fulfilling this requirement.
- FTA (theatre/dance/film related course), FA or MUS
- At least 6 of these credits must not be mathematics courses in the College of Sciences. 6 credits can be engineering courses. 1 less credit is required if the student took CSCI 1581 and CSCI 1583 (rather than CSCI 1205.) The College of Sciences maintains a list of approved science electives. Note that many low level classes are not permitted.
- Includes 2 credits of Math listed in general education requirements section
- Students not adequately prepared to enter a calculus sequence must take appropriate pre-calculus courses without credit toward graduation. The mathematics department determines placement for mathematics classes.
- Foreign language must include a six hour sequence in one language. French, German, or Russian is recommended for students planning graduate studies.
- Students interested in graduate studies in mathematics are strongly advised to take MATH 4102.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- FORL 1001 **Credits: 3**
- Social Science Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 14

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- MATH 2124 - Calculus II - **Credits: 4**
- FORL 1002 **Credits: 3**
- Social Science Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
OR
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ARTS **Credits: 3**

Total Credit Hours: 17-18

Second Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- BIOS **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH 3000+ **Credits: 3**
- Science Elective **Credits: 3**
- Science Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MATH 4511 - Linear Algebra - **Credits: 3**
- MATH 3000+ **Credits: 3**
- Science Elective **Credits: 3**
- Free Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 4101 - Advanced Calculus - **Credits: 3**
- Science Elective **Credits: 2-3**
- Free Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 14-15

Second Term

- MATH 4000+ **Credits: 3**
- MATH 4000+ **Credits: 3**
- MATH 4000+ **Credits: 3**
- MATH 3900 - Undergraduate Oral Examination - **Credits: 0**
- Free Elective **Credits: 2**

Total Credit Hours: 11

Total Credit Hours Required 120

Concentration Requirements

- Actuarial Science Concentration

Mechanical Engineering, B.S.

Educational Objectives of the Mechanical Engineering Program

Consistent with the mission of the University and based on the needs of our constituents, the Department of Mechanical Engineering has adopted the following program educational objectives.

Graduates of the University of New Orleans Mechanical Engineering Program will:

- Advance professionally, either through employment or progress towards an advanced degree, by applying their technical knowledge and abilities.
- Attain positions of increasing responsibility through employing effective workplace skills and the professional practice of engineering.

Student Learning Outcomes

- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An ability to apply advanced mathematics, including multi-variate calculus and differential equations.
- An ability to apply thermal/fluids concepts to mechanical engineering practice.
- An ability to apply solid mechanics concepts to mechanical engineering practice.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2350 - Statics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 3501 - Basic Electrical Machinery - **Credits: 3**
- ENEE 3518 - Electrical Engr Laboratory - **Credits: 1**
- ENME 1781 - Computer Aided Engr Graphics - **Credits: 3**
- ENME 2711 - Mater & Process Lab - **Credits: 1**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENME 2785 - Intro Manufacturing - **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**

Total Credit Hours: 48

4

Course Requirements for Major

- ENGR 3090 **Credits: 1**
- ENME 3020 - Engineering Analysis - **Credits: 3**
OR
- MATH 3221 - Meth in Differential Equations - **Credits: 3**
- ENME 3711 - Thermal Sciences Lab - **Credits: 1**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 3720 - Fluid Mechanics - **Credits: 3**

- ENME 4777 - Design Thermal-Fluid Systems - **Credits: 3**
 - ENME 3734 - Machine Elements - **Credits: 3**
 - ENME 4733 - Machine Design - **Credits: 3**
 - ENME 4754 - Mech Vibration - **Credits: 3**
 - ENME 3771 - Heat Transfer - **Credits: 3**
 - ENME 3776 - Intermed Engr Thermodynamics - **Credits: 3**
 - ENME 3780 - Intro to Comp Solid Mechanics - **Credits: 3**
- OR**
- ENME 4728 - Intro Computat Fluid Dynamics - **Credits: 3**
 - ENME Electives 3000+ **Credits: 6**
 - ENME 3735 - Mechanism Design - **Credits: 3**

Total Credit Hours: 39

Total Credit Hours Required: 126

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy listed in general education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in General Education requirements section

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- Social Science Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

¹

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**
 - MATH 2124 - Calculus II - **Credits: 4**
 - PHYS 1062 - Physics Sci Engr II - **Credits: 3**
 - PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
 - CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
 - ENME 1781 - Computer Aided Engr Graphics - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**

Total Credit Hours: 15

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**
- ENME 2785 - Intro Manufacturing - **Credits: 3**
- ENME 2711 - Mater & Process Lab - **Credits: 1**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- MATH 3221 - Meth in Differential Equations - **Credits: 3**
OR
- ENME 3020 - Engineering Analysis - **Credits: 3**
- ENME 3720 - Fluid Mechanics - **Credits: 3**
- ENME 3776 - Intermed Engr Thermodynamics - **Credits: 3**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 3735 - Mechanism Design - **Credits: 3**
- ENME 3734 - Machine Elements - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENME 3771 - Heat Transfer - **Credits: 3**
- ENME 3780 - Intro to Comp Solid Mechanics - **Credits: 3**
OR
- ENME 4728 - Intro Computat Fluid Dynamics - **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- Biology Elective **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- ENEE 3518 - Electrical Engr Laboratory - **Credits: 1**
- ENEE 3501 - Basic Electrical Machinery - **Credits: 3**
- ENME 3711 - Thermal Sciences Lab - **Credits: 1**
- ENME Elective 3000+ **Credits: 3**
- ENME 4754 - Mech Vibration - **Credits: 3**
- ENGR 3090 **Credits:1**
- Literature Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENME 4777 - Design Thermal-Fluid Systems - **Credits: 3**
- ENME Elective 3000+ **Credits: 3**
- ENME 4733 - Machine Design - **Credits: 3**
- Arts Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 127

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in mechanical engineering degree which requires 126 credit hours.

Naval Architecture and Marine Engineering, B.S.

Educational Objectives of the Naval Architecture and Marine Engineering Program

The two principal constituencies of the School of NAME to which the above mission is directed are

- the maritime industry, and
- students

Although the industry constituency encompasses the marine industry nationally, its primary target is the shipbuilding and offshore industry in the State of Louisiana and the extended Gulf Coast region. The industry constituency is considered to include an alumni sub-constituency, as essentially the entire active alumni group is composed of industry professionals.

Graduates of the School of NAME BS program are to be recognized as well educated engineers consistently demonstrating exemplary professional capabilities. The graduates are to have demonstrated the ability to direct, supervise, and make important decisions regarding the design and engineering of problems based on engineering fundamentals and modern technological tools. Graduates of the program are to have demonstrated the maturity and knowledge needed for participating in the leadership of the advancement of the NAME field.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An ability to apply probability and statistical methods to naval architecture and marine engineering problems.
- A basic knowledge of fluid mechanics, dynamics, structural mechanics, material properties, hydrostatics, and energy/propulsion systems in the context of marine vehicles
- A familiarity of instrumentation appropriate to naval architecture and marine engineering.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**²
- MATH 2124 - Calculus II - **Credits: 4**²

Science

- BIOS Credits: 3
- PHYS 1061 - Physics Sci Engr I - Credits: 3
- PHYS 1062 - Physics Sci Engr II - Credits: 3

Humanities

- ENGL 2152 - Technical Writing - Credits: 3
- ENGL Literature Credits: 3
- PHIL 2201 - Ethics - Credits: 3

Social Sciences

- ECON 2000 - Engineering Economics - Credits: 3
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) Credits: 3⁴

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) Credits: 3⁴

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - Credits: 3
 - ENCE 2350 - Statics - Credits: 3
 - ENCE 2351 - Mechanics of Materials - Credits: 3
 - ENCE 2311 - Mechanics of Materials Lab - Credits: 1
 - ENEE 2550 - Circuits I - Credits: 3
 - ENGR 3090 Credits: 1
 - ENME 2740 - Structs & Prop of Materials - Credits: 3
 - ENME 2750 - Dynamics - Credits: 3
 - ENME 2770 - Engineering Thermodynamics - Credits: 3
 - ENME 3020 - Engineering Analysis - Credits: 3
- OR**
- MATH 3221 - Meth in Differential Equations - Credits: 3
 - ENME 3716 - Fluid Mechanics Lab - Credits: 1
 - ENME 3720 - Fluid Mechanics - Credits: 3
 - MATH 2134 - Calculus III - Credits: 4
 - MATH 2221 - Elem Differential Equations - Credits: 3
 - NAME 1170 - Intro to Naval Arch - Credits: 3
 - NAME 1175 - Naval Arch Lab - Credits: 2
 - NAME 2130 - Intro to Marine Eng - Credits: 3
 - NAME 2160 - Hydrostatics and Stability - Credits: 3
 - PHYS 1063 - Physics Lab for Science & Engr - Credits: 1
 - PHYS 1065 - Physics Lab for Science & Engr - Credits: 1

Total Credit Hours: 52

³

Course Requirements for Major

- NAME 3120 - Ship Hull Strength - Credits: 3
- NAME 3131 - Marine Engines - Credits: 3
- NAME 3135 - Marine Electromech - Credits: 3
- NAME 3150 - Ship Resistance & Propulsion - Credits: 3
- NAME 3155 - Mar Hydro Lab - Credits: 1
- NAME 3160 - Offshore & Ship Dynamics I - Credits: 3
- NAME 3171 - Marine Design Methods - Credits: 3
- NAME 4170 - Marine Design - Credits: 3
- NAME 4175 - Marine Design Project - Credits: 3
- NAME 4000-Level Electives Credits: 12

Total Credit Hours: 37

Total Credit Hours Required: 128

Students have to achieve a grade of "C" or better in all prerequisites to 1000-level, 2000- level and 3000-level NAME courses to NAME 4170.

- "C" or better required
- 6 credits of Math satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in general education requirements section
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- NAME 1170 - Intro to Naval Arch - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- ENCE 2350 - Statics - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- NAME 1175 - Naval Arch Lab - **Credits: 2**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- NAME 2160 - Hydrostatics and Stability - **Credits: 3**

Total Credit Hours: 16

Second Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**
- NAME 2130 - Intro to Marine Eng - **Credits: 3**
- ENME 3720 - Fluid Mechanics - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- Art Elective **Credits: 3**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

- ENME 3020 - Engineering Analysis - **Credits: 3**
- **OR**
- MATH 3221 - Meth in Differential Equations - **Credits: 3**

- NAME 3120 - Ship Hull Strength - **Credits: 3**
- NAME 3150 - Ship Resistance & Propulsion - **Credits: 3**

Total Credit Hours: 18

Second Term

- ENEE 2550 - Circuits I - **Credits: 3**
- ENGL Literature Elective **Credits: 3**
- NAME 3131 - Marine Engines - **Credits: 3**
- NAME 3155 - Mar Hydro Lab - **Credits: 1**
- NAME 3160 - Offshore & Ship Dynamics I - **Credits: 3**
- NAME 3171 - Marine Design Methods - **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- ENGR 3090 **Credits: 1**
- NAME 3135 - Marine Electromech - **Credits: 3**
- NAME 4170 - Marine Design - **Credits: 3**
- NAME 4000-level Electives **Credits: 6**
- PHIL 2201 - Ethics - **Credits: 3**

Total Credit Hours: 16

Second Term

- Biology Elective **Credits: 3**
- NAME 4175 - Marine Design Project - **Credits: 3**
- NAME 4000-level Electives **Credits: 6**
- Social Science Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 129

- UNIV 1001 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in Naval Architecture and Marine Engineering degree which requires 128 credit hours.

Physics, B.S.

Student Learning Outcomes

- Demonstrate knowledge and understanding of fundamental principles of physics including classical and quantum mechanics, electricity and magnetism, and thermodynamics.
- Demonstrate the ability to apply fundamental principles of physics in a variety of advanced topics such as condensed matter, materials science, signals analysis, optics, and computational physics.

- Demonstrate an ability to work effectively in a research environment, including the use of instrumentation and computer, experimental design, and analysis of results.
- Develop problem-solving skills using mathematical and computational tools as applied to the solution of physical problems.
- Collaborate effectively and productively in teams for research and applications of physics.
- Effectively communicate physics in both written and oral form.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**⁵
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**⁵

Humanities

- Humanities Electives **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences Electives **Credits: 6**²

Arts

- Arts Elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**

- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
OR
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- MATH Elective 3000+ level **Credits: 3**
OR
- PHYS 4201 - Introd Mathematical Physics - **Credits: 3**
OR
- PHYS 4205 - Applications Fourier Transform - **Credits: 3**
- Applied Science and Engineering Electives **Credits: 12**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**

- Electives **Credits: 16**

Total Credit Hours: 51

4

Course Requirements for Major

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1** ⁵
- PHYS 3064 - Modern Physics - **Credits: 3**
- Physics Undergraduate Research **Credits: 3** ⁶
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4211 - Intro to Computational Physics - **Credits: 3**
- PHYS 4160 - Advanced Laboratory - **Credits: 3**
OR
- PHYS 4902 - Materials Science Laboratory - **Credits: 3**
- PHYS 4401 - Quantum Mechanics I - **Credits: 3**
- PHYS 4601 - Thermodynamics & Stat Mechancs - **Credits: 3**
- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
- Approved PHYS 3000+ level Electives **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required.
- Check General Education Courses to confirm courses fulfilling this requirement.
- 6 credits of Math satisfy the general education requirements.
- Includes 2 credits of Math listed in general education requirements section.
- PHYS 1031, PHYS 1032, PHYS 1033, and PHYS 1034 may be substituted with consent of the department.
- Research may be any combination of PHYS 3094, PHYS 2191, PHYS 3191, or PHYS 4191 to a total three credit hours.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1** ¹
- Social Science Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

OR

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**

OR

- CHEM 1008 - Gen Chem Lab II - **Credits: 1**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- OR
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
 - MATH 2134 - Calculus III - **Credits: 4**
 - CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- OR
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- OR
- CSCI 1583 - Software Design and Development I - **Credits: 3**
 - Social Science Elective **Credits: 3**

Total Credit Hours: 14

Second Term

- PHYS 3064 - Modern Physics - **Credits: 3**
- Humanities Elective **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- BIOS **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4601 - Thermodynamics & Stat Mechancs - **Credits: 3**
- MATH or Mathematical Physics **Credits: 3**
- Humanities Electives **Credits: 3**
- General Electives **Credits: 3**

Total Credit Hours: 15

Second Term

- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
- PHYS 4160 - Advanced Laboratory - **Credits: 3**
- PHYS 3000+ level elective **Credits: 3**
- Arts **Credits: 3**
- General Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHYS 4401 - Quantum Mechanics I - **Credits: 3**
- Approved Science/Engineering Elective **Credits: 3**

- PHYS 3094 - Undergraduate Research - **Credits: 1 - 3 (Variable)**
- PHYS 3000+ level elective **Credits: 3**
- General elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Approved Science/Engineering Elective **Credits: 3**
- Approved Science/Engineering Elective **Credits: 3**
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- General Electives **Credits: 9**

Total Credit Hours: 16

Total Credit Hours Required: 120

Physics as a Career

Students wishing to pursue graduate school in physics should take additional physics courses including

- PHYS 4302 - Classical Mechanics II - **Credits: 3**
- PHYS 4402 - Quantum Mechanics II - **Credits: 3**
- PHYS 4503 - Electricity & Magnetism - **Credits: 3**
and 6 approved physics electives at the 4000 level.

Combining Physics with a Second Discipline

As a foundational science, physics combines well with many other subjects. The curriculum has the flexibility to allow a Minor in disciplines such as Education, Philosophy, Music, Math, Earth and Environmental Sciences, Electrical Engineering, Computer Science and other areas. Students may also choose to pursue a foundation in other areas that do not offer minors. Examples are: Pre-Med: add 5 hrs of Biology, 8 hours of organic Chemistry, 3 hours of Biochemistry, and 3 hours of Statistics to meet minimum med school requirements (see pre-med section of Biology for details). Other possibilities include Civil Engineering, Mechanical Engineering, Earth and Environmental Science (Geophysics), and other fields tailored to the student's interests.

Psychology, B.S.

Student Learning Outcomes

- Students will describe key concepts, principles, and overarching themes in psychology.
- Students will develop a working knowledge of psychology's content domains.
- Students will describe applications of psychology.
- Students will use scientific reasoning to interpret psychological phenomena.
- Students will demonstrate psychology information literacy.
- Students will engage in innovative and integrative thinking and problem solving.
- Students will interpret, design, and conduct basic psychological research.
- Students will incorporate sociocultural factors in scientific inquiry.
- Students will have developed ethically and socially responsible behaviors for professional and personal settings in a landscape that involves increasing diversity.
- Students will demonstrate competence in writing and in oral and interpersonal communication skills.
- Students will apply psychology-specific content and skills, effective self-reflection, project management skills, teamwork skills, and career preparation to develop meaningful professional direction for life after graduation.

Curriculum in Psychology

The Psychology Department offers a Bachelor of Science in Psychology. Students must complete 30 hours with a grade of C or better in each course in their major; at least 15 of these hours must be earned at UNO. In addition, a grade of C or better is required in ENGL 1158 and each science and math course taken for degree credit.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**^{1,4}

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**²

Humanities

- FORL Sequence **Credits: 3**⁶
- Literature **Credits: 3**³

Social Sciences

- Social Science Electives **Credits: 6**³

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- CSCI 1000 - Introduction to Computers - **Credits: 3**
- Humanities Elective **Credits: 3**⁵
- Literature **Credits: 3**
- Science Labs **Credits: 2**⁷
- Science Electives **Credits: 6**
- Social Science Electives (2000+) **Credits: 6**⁶
- PSYC Electives **Credits: 9**⁸
- Free Electives **Credits: 19**

Total Credit Hours: 51

Course Requirements for Major

- PSYC 1000 - General Psychology - **Credits: 3**
- PSYC 2500 - Data Analysis in Psychology - **Credits: 3**
- PSYC 3300 - Research Methods and Statistic - **Credits: 3**
- Psychology Foundational Courses **Credits: 9**⁹
- Required Psychology Electives **Credits: 12**¹⁰
- PSYC 4000 - Psychology Comprehensive Exam - **Credits: 0**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and BIOS 1083 (recommended), or CHEM 1017 and CHEM 1018, or PHYS 1031 and PHYS 1032, or PHYS 1061 and PHYS 1062.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Credit is not allowed in both MATH 2314 and PSYC 2310.
- Humanities Electives - FTA, ENGL, Foreign Language, HIST, PHIL, or WGS.
- Social Science classes may include PSYC.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or PHYS 1033 and PHYS 1034, or PHYS 1063 and PHYS 1065.
- Elective hours of Psychology may be chosen from any course in PSYC not counted in the Major Requirements (including but not limited to PSYC 1520, PSYC 2091, PSYC 3090, PSYC 3095, PSYC 3099, PSYC 4091).
- Foundational courses must be chosen from PSYC 2100, PSYC 2340, PSYC 2380, PSYC 2400, and PSYC 3320. At least one course must be at the 3000 level.
- Required hours of Psychology must include three courses (9cr) must be at the 3000 level or above.

Additional Requirements

Minimum Grade of C in all psychology courses and MATH 2314.

Four Year Plan of Study

First Year of Enrollment

First Term

- UNIV 1001 - University Success - **Credits: 1**¹
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Foreign Language 1001 **Credits: 3**
- Social Science Elective **Credits: 3**²
- PSYC 1000 - General Psychology - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**³
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**⁴
- Foreign Language 1002 **Credits: 3**
- PSYC 2500 - Data Analysis in Psychology - **Credits: 3**
- 2000 Level Required Psychology **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- PSYC 3300 - Research Methods and Statistic - **Credits: 3**⁵
- PSYC 2000 - Foundations **Credits: 5**³
- Social Science Elective **Credits: 3**

- Arts ⁵ or Humanities Elective⁷ **Credits: 3**
- Science Sequence (Lecture & Lab) **Credits: 4** ^{6,8}

Total Credit Hours: 16

Second Term

- 2000 Level Psychology **Credits: 3**
- Social Science Elective - 2000+Level **Credits: 3** ²
- Arts ⁶ or Humanities Elective ⁷**Credits: 3**
- Literature **Credits: 3**
- Science Sequence (Lecture & Lab) **Credits: 4** ^{6,8}

Total Credit Hours: 16

Third Year of Enrollment

First Term

- PSYC 3000 - Foundations **Credits: 3** ⁵
- Social Science Elective 2000 level + **Credits: 3** ²
- CSCI 1000 - Introduction to Computers - **Credits: 3**
- BIOS (or other Science) **Credits: 3** ⁶
- Arts Elective **Credits: 3** ⁴

Total Credit Hours: 15

Second Term

- PSYC 3000 level+ **Credits: 3** ¹⁰
- Psychology Elective **Credits: 3**
- Science Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PSYC 4000 level elective **Credits: 3** ¹⁰
- PSYC 3000+ elective **Credits: 3** ¹⁰
- Science Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- PSYC 4000 - Psychology Comprehensive Exam - **Credits: 0**
- PSYC 3000+ elective **Credits: 3** ¹⁰
- PSYC 3000+ elective **Credits: 3** ¹⁰
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- May include Psychology.
- C" or better is required.
- Credit is not allowed in both MATH 2314 and PSYC 2310
- Required hours of Psychology must include three courses, meeting the following criteria: at least two courses must be at the 2000 level and one course must be at the 3000 level.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Humanities electives - FTA, ENGL, Foreign Language, HIS, PHIL, or WGS.
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS (3 credits) and the other must be CHEM, EES, or PHYS (. Select the 6 hour sequence from BIOS 1073 and BIOS 1083 (recommended), or CHEM 1017 and CHEM 1018, or PHYS 1031 or PHYS 1032, or PHYS 1061 and PHYS 1062.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or PHYS 1033 and PHYS 1034, or PHYS 1063 and PHYS 1065.
- Elective hours of Psychology may be chosen from any course in PSYC not counted in the Major Requirements (including but not limited to PSYC 1520, PSYC 2091, PSYC 3090, PSYC 3095, PSYC 3099, PSYC 4091).

Secondary Teaching, Biology Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1081 - Biology I Laboratory - **Credits: 1**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**¹
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**¹

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- BIOS 2741 - Micro & Human Dis Lab - **Credits: 1**
- BIOS 2743 - Micro Human Disease Lec - **Credits: 3**
- BIOS 3854 - General Botany - **Credits: 4**
- BIOS 3653 - General Ecology - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- OR
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 47

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 122

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 17

Second Term

- Humanities **Credits: 3**²
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
OR
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- BIOS 2743 - Micro Human Disease Lec - **Credits: 3**

Total Credit Hours: 16

Second Term

- BIOS 3854 - General Botany - **Credits: 4**
- BIOS 3653 - General Ecology - **Credits: 3**
- BIOS 2741 - Micro & Human Dis Lab - **Credits: 1**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 17

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours: 17

Total Credit Hours Required: 122

- Required for all first-time full-time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Chemistry Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1083 - Biology I - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**²

- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- PHYS 1032 - General Physics II - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 46

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 121

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Note:

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1083 - Biology I - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 16

Second Term

- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- Social Science **Credits: 3**²
- EES 1000 - Dynamic Earth - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- Humanities **Credits: 3**²

Total Credit Hours: 15

Second Term

- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- PHYS 1032 - General Physics II - **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Earth Science Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1073 - Biology II - **Credits: 3**¹
- BIOS 1071 - Biology II Laboratory - **Credits: 1**¹
- EES 1000 - Dynamic Earth - **Credits: 3**¹
- EES 1001 - Dynamic Earth Lab - **Credits: 1**¹
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**¹

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 1006 - Dinosaurs - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 2700 - Earth Materials - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 46

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 121

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²

- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EES 1006 - Dinosaurs - **Credits: 3**
- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 2700 - Earth Materials - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**

Total Credit Hours: 15

Second Term

- Social Science **Credits: 3**²
- Humanities **Credits: 3**²
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR

- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, English Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**¹
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**

- BIOS or Physical Science **Credits: 3**
- Physical Science **Credits: 3**

Humanities

- ENGL 2377 - Bible As Literature - **Credits: 3**¹
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**¹
- ENGL 2341 - Survey British Literature I - **Credits: 3**¹

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
- ENGL 4151
OR

- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
- ENGL 2258 - Interpreting Literature - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 4521 - Shakespeare - **Credits: 3**
OR
- ENGL 4522 - Shakespeare - **Credits: 3**

- ENGL (4000 level American Lit) **Credits: 3**
- ENGL (4000 level British Lit) **Credits: 3**
- EDLS 4200 - Young Adult Literature - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog notes: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area.

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Social Science **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- Social Science **Credits: 3**²

Total Credit Hours: 15

Second Year of Enrollment

First Term

- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- ENGL 2377 - Bible As Literature - **Credits: 3**
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2258 - Interpreting Literature - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
OR
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**

- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL (4000 Level American Literature) **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
OR
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- EDLS 4200 - Young Adult Literature - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4151
OR
- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
- ENGL 4521 - Shakespeare - **Credits: 3**
OR
- ENGL 4522 - Shakespeare - **Credits: 3**

- ENGL (4000 Level British Literature) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Mathematics Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**¹

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- Physical Science **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3400 - Geometry - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH Elective (2000 level or above) **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4240 - Secondary Math Methods - **Credits: 3**
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**

- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- Social Science **Credits: 3**²

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- Physical Science **Credits: 3**²
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Total Credit Hours: 16

Second Term

- Biology or Physical Science **Credits: 3**²
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4240 - Secondary Math Methods - **Credits: 3**
OR
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Term

- EDCI 4240 - Secondary Math Methods - **Credits: 3**
OR
- EDCI 4241 - Sec Math Methods II - **Credits: 3**

- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Humanities **Credits: 3**²
- MATH 3400 - Geometry - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH (2000 level or above) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Social Studies Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**

- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**¹
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
OR
- BIOS 1073 - Biology II - **Credits: 3**
OR
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- ENGL Literature **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**¹
- HIST 1001 - World History I - **Credits: 3**¹

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**¹
- POLI 2151 - US Govt & Politics - **Credits: 3**¹

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- GEOG 1002 - World Regional Geography - **Credits: 3**

- HIST 2502 - US History II - **Credits: 3**
- HIST 2601 - History of Louisiana - **Credits: 3**
- HIST Elective (3000+) **Credits: 3**
- GEOG 1001 - World Regional Geography - **Credits: 3**
- POLI Elective (3000+) **Credits: 3**
- SOC 1051 - Introductory Sociology - **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- Social Sciences (ANTH, ECON, GEOG, POLI, PSYC, SOC or URBN) **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
- OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- HIST 1001 - World History I - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
OR
- BIOS 1073 - Biology II - **Credits: 3**
OR
- EES 1000 - Dynamic Earth - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**

Total Credit Hours: 15

Second Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- GEOG 1001 - World Regional Geography - **Credits: 3**
- SOC 1051 - Introductory Sociology - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
OR
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- HIST 2601 - History of Louisiana - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- GEOG 1002 - World Regional Geography - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
OR
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- HIST (3000 or 4000 Level) **Credits: 3**
- POLI (3000 or 4000 Level) **Credits: 3**

- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- Elective: (ANTH, ECON, GEOG, POLI, PSYC, SOC OR URBN) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Urban Construction Management

About the Degree

The B.S. in Urban Construction Management degree at UNO can be obtained by completing 120-credit-hour coursework over a period of 4 years.

The rapid speed and widespread extent of urbanization will demand amplified basic services for the citizens including affordable housing, reliable water, wastewater, and storm water management systems, well-planned transportation provisions, and other efficient civil infrastructure utilities. Practicing engineers, designers, and construction managers currently face the challenge of changing the status quo of their work and adapting their design/management methods to embed sustainable thought process throughout all of their decision making methods. The University of New Orleans' Construction Management degree focuses on urban residential and commercial development coupled with rehabilitation and restoration of existing municipal infrastructures and historic preservation.

Student Learning Outcomes

Upon completing the Bachelor of Science in Urban Construction Management degree from the University of New Orleans, the student will be able to:

- Describe different urban residential and commercial construction techniques;
- Evaluate sustainability principles in planning, design, and construction of an urban construction project;
- Manage an urban construction project effectively; and
- Formulate restoration plan and manage rehabilitation of a historic construction.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- PHIL 2201 - Ethics - **Credits: 3**
- FTA 2650 - Oral Communications - **Credits: 3**
- English Literature - **Credits: 3**
(Please choose Literature from the Gen Ed Menu.)

Social Sciences

- ANTH 1010 - Peoples of the World - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Arts

- Art Elective - **Credits: 3**
(Please choose Art Elective from the Gen Ed Menu.)

Major Requirements

- ENCM 1000 - Introduction to Urban Construction Management - **Credits: 2**
- ENCM 2100 - Construction Graphics - **Credits: 3**
- ENCM 2300 - Urban Architectural Design in Construction - **Credits: 3**
- ENCM 2311 - Construction Materials Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- ENCM 2350 - Structure I - **Credits: 3**
- ENCM 3130 - Urban Construction Techniques & Methods - **Credits: 3**
- ENCE 3391 - Construction Pr Management - **Credits: 3**
- URBN 3710 - Fundamentals of Urban Design - **Credits: 3**
- ENCM 3200 - Construction Codes, Documents, and Specifications - **Credits: 3**
- ENCM 3340 - Soils and Equipment (tbd) - **Credits: 3**
- ENCM 3350 - Advanced Structures (tbd) - **Credits: 3**
- ENCM 3600 - Construction Estimating (tbd) - **Credits: 3**
- ENCM 3620 - Construction Scheduling (tbd) - **Credits: 3**
- ENCM 3800 - Construction Finance and Feasibility (tbd) - **Credits: 3**
- ENCM 4500 - MEP Construction (tbd) - **Credits: 3**
- ENCM 4600 - Construction Safety Regulations (tbd) - **Credits: 3**
- ENCM 4610 - Historic Structures Restoration and Preservation (tbd) - **Credits: 3**
- ENCM 4630 - Construction Law and Contracts (tbd) - **Credits: 3**
- ENCM 4640 - Sustainable Construction Techniques and Green Building (tbd) - **Credits: 3**
- ENCM 4700 - Computer Applications in Construction (tbd) - **Credits: 3**
- ENCM 4800 - Urban Construction Management Internship (tbd) - **Credits: 3**
- ENCM 4900 - Capstone Project (tbd) - **Credits: 3**

Other Requirements

- ENGR 1000 - Introduction to Engineering - **Credits: 1**

- URBN 1000 - Introduction to Cities - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**

Total Credit Hours: 120

Total Credit Hours: 120

Urban Studies and Planning, B.S.

Student Learning Outcomes

- Students will be able to demonstrate their understanding of the environmental, economic and social processes that have shaped urbanization in and beyond the United States.
- Students will be able to demonstrate their ability to use both primary and secondary sources to explain urban and regional phenomena.
- Students will develop professional oral and written communication skills required to work in municipal and state public sector agencies, private sector development and planning firms, and nonprofit organizations (NOTE: If nonprofits, then we should highlight PADM nonprofit courses)

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 1116 **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- Literature **Credits: 6**
- HIST/PHIL Elective **Credits: 3**

Social Sciences

- Social Science Elective **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- URBN 4670 - Grantwriting for Planners - **Credits: 3**⁸
- Statistics **Credits: 3**²
- Humanities/Social Science Elective **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
OR
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

- Social Sciences **Credits: 12**⁶
- General Electives **Credits: 15-18**⁸
- URBN/MURP Courses **Credits: 6**

Total Credit Hours: 45-48

Course Requirements for Major

- URBN 1000 - Introduction to Cities - **Credits: 3**
- URBN 2000 - The New Orleans Region - **Credits: 3**
- URBN 3002 - Introduction to Urban Studies - **Credits: 3**
- MURP 4200 - American City Planning - **Credits: 3**
- URBN, MURP, GEOG and related courses from support areas **Credits: 9-24**^{7,8,9}

Total Credit Hours: 21-36

Course Requirements for Geography Concentration

- GEOG Courses **Credits: 12**

Total Credit Hours: 12

Course Requirements for Urban Planning Concentration

- MURP Courses **Credits: 12**

Total Credit Hours: 12

Course Requirements for Transportation Concentration

- URBN 2100 - Globalization and Mobility - **Credits: 3**
- MURP Courses **Credits: 6**¹⁰
- URBN 3150 - The Suburbs and Car Culture - **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required

- SOC 2707 (recommended), POLI 2900; MATH 2314; MATH 2785 is only for COB students
- 6 hours from the fields, select from: **ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**. Check General Education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hour must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- FTA (theatre/dance/film related course, FA or MUS). Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Twelve hours of Social Science electives, and at least 6 hours at 2000 level or above.
- Choose 8 courses from any 3000 level or 4000 level from URBN, MURP, PADM, and GEOG.
- Students who take URBN 4670 in lieu of ENGL 2152 have an additional 3 credit hour elective.
- Students may select a 12-credit hour concentration, but a formal concentration is not required for degree purposes.
- Check with your advisor about which courses will fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- BIOS **Credits: 3**
- Math #1 **Credits: 3**
- URBN 1000 - Introduction to Cities - **Credits: 3**
- Physical Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Arts **Credits: 3**
- Math # 2 **Credits: 3**
- BIOS or Physical Science **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
OR
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- URBN 2100 - Globalization and Mobility - **Credits: 3**
- Literature #1 **Credits: 3**
- HIST/PHIL elective **Credits: 3**
- Statistics **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- URBN 2000 - The New Orleans Region - **Credits: 3**
- Literature #2 **Credits: 3**

- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- URBN 4670 - Grantwriting for Planners - **Credits: 3**
- Social Science #1 **Credits: 3**
- Social Science #2 **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- MURP 4200 - American City Planning - **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- Social Science #3 **Credits: 3**
- Social Science #4 **Credits: 3**

Total Credit Hours: 15

Second Term

- URBN 3002 - Introduction to Urban Studies - **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- Social Science #5 **Credits: 3**
- Social Science #6 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- URBN, MURP or GEOG **Credits: 9**
- Elective **Credits: 6**

Total Credit Hours: 15

Second Term

- URBN or MURP or GEOG **Credits: 9**
- Elective **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Bachelor of Science in Civil Engineering

Civil Engineering, B.S.

Educational Objectives of the Civil Engineering Program

The Civil Engineering Program Educational Objectives can be summarized as follows. Graduates of the Civil Engineering Program at the University of New Orleans, within a few years after graduation:

- Will meet or exceed the expectations of the employers of program graduates.
- Will attain professional advancement.
- Will serve the needs of society by working and assuming leadership roles in the related fields of civil engineering.

The Department of Civil and Environmental Engineering at UNO offers a four-year program leading to the Bachelor of Science in Civil Engineering degree. The UNO Civil Engineering curriculum is accredited by the Engineering Accreditation Commission of ABET. The University also offers graduate programs leading to the Masters of Science in Engineering and Ph.D. in Engineering and Applied Science.

Student Learning Outcomes

The following student outcomes prepare graduates of the Civil Engineering Program to attain the program educational objectives:

- An ability to apply knowledge of mathematics, science, and engineering.
- An ability to conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and social context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 39

Other Requirements

- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENCE 2302 - Civil Eng Comp & Gr Lecture - **Credits: 3**
- ENCE 2303 - Program Graphics Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENME 2750 - Dynamics - **Credits: 3**
- ENCE Electives **Credits: 6**⁵

Total Credit Hours: 40

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Course Requirements for Major

- ENCE 3318 - Fluid Mechanics - **Credits: 3**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**
- ENCE 3356 - Structural Analysis - **Credits: 4**
- ENCE 3391 - Construction Pr Management - **Credits: 3**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**
- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**
- ENCE 4386 - Principles Transp & Hwy Engr - **Credits: 3**
- ENCE 4390 - Sr Civil Engr Design Project - **Credits: 3**
- ENCE 4399 - Civil Envir Engr Seminar - **Credits: 2**

Total Credit Hours: 48

Total Credit Hours Required: 127

Minimum Cumulative GPA of 2.0 for all undergraduate coursework.

- "C" or better required
- Check General Education Courses to confirm courses fulfilling this requirement. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy listed in general education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in General Education Requirements section. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Electives must be selected from 4000-level courses and must include a minimum of six credits.
- To graduate with a degree in Engineering, the student must satisfy the General Degree requirements of the University.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- Biology Elective **Credits: 3**
- ENCE 2302 - Civil Eng Comp & Gr Lecture - **Credits: 3**
- ENCE 2303 - Program Graphics Lab - **Credits: 1**

- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Arts Elective **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 18

Second Year of Enrollment

First Term

- Literature Elective **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- Social Sc. Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- Humanities Elective **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- ENCE 3318 - Fluid Mechanics - **Credits: 3**
- ENCE 3356 - Structural Analysis - **Credits: 4**

Total Credit Hours: 13

Second Term

- ENCE 3390 - Basic Project Management - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE Elective **Credits: 3**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**

Total Credit Hours: 17

Fourth Year of Enrollment

First Term

- Civil Engr. Elective **Credits: 3**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4386 - Principles Transp & Hwy Engr - **Credits: 3**
- ENCE 4390 - Sr Civil Engr Design Project - **Credits: 3**
- ENCE 4399 - Civil Envir Engr Seminar - **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 128

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in civil engineering degree which requires 127 credit hours.

Certification

American Humanics Certification Program

The American Humanics Certification Program prepares students for careers with youth and human service organizations. Program participants must join the American Humanics Student Organization and complete the following courses required for certification.

Course Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- SOC 4101 - Social Organization - **Credits: 3**
OR
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
OR
- MANG 3411
- OR
- POLI 4101

- SOC 4191 **Credits: 3**¹
- SOC 4192 **Credits: 3**²
- SOC 3091 - Independent Work - **Credits: 1**³
- SOC 3096 - Internship Sociology - **Credits: 3** AND
- SOC 3097 - Internship in Sociology - **Credits: 3**
OR
- MANG 3090 - Internship in Management - **Credits: 3**
OR
- POLI 4998
OR
- PSYC 3095 - Fld Exp in Applied Psychology - **Credits: 3**
OR
- ANTH 4790 - Internship in Anthropology - **Credits: 3**

OR

- ENGL 4398 - Internship in English - **Credits: 3**⁴

Total Credits: 22

- SOC 4191 (Seminar in Not-For-Profit Organizations) is cross-listed with LSU-Shreveport (SOCL 492) and may be taken for UNO credit via the compressed video system.
- SOC 4192 (Practicum in Not-For-Profit Organizations) is a one credit course that must be repeated for at least three hours of credit. This course is cross-listed with LSU-Shreveport (SOCL 392) and may be taken for UNO credit via the compressed video system.
- All program participants must attend the American Humanics Training Institute for at least one four-day session at their own expense (estimated cost \$800) for which they will earn one credit of independent study (SOC 3091).
- American Humanics interns must work in a non-profit setting. American Humanics internships require at least a 2.5 overall GPA, or at least a 2.75 GPA in the student's last 30 hours. Students interested in the American Humanics Certification Program register through the undergraduate coordinator in the Sociology Department.

Doctor of Philosophy

Chemistry, Ph.D.

Program Overview

The Ph.D. degree is offered in the areas of Analytical, Biochemistry, Inorganic, Medicinal, Materials, Organic, and Physical Chemistry. However, many members of the faculty have research interests that cross traditional boundaries to cover a range of interdisciplinary areas. The course of study leading to this degree is designed to provide students with a broad fundamental background in chemistry through a core course curriculum and rigorous experience in particular area of specialization.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and area of specialty and will be capable of 1) applying these concepts, 2) analyzing new topics or material, 3) composing or constructing new ideas, and 4) appraising and evaluating his/her own work and the work of others.
- Graduate students will acquire an advanced understanding of concepts in physical chemistry and a minimum of 2 subdisciplines outside of physical chemistry (Analytical, Biochemistry, Inorganic, Organic, Materials, Medicinal) through completion of graduate level coursework. An advanced understanding includes the ability to apply knowledge and analyze information.
- Graduate students will develop skills to be competent instructors of undergraduate students.
- Graduate students will be able to explain in technical written and oral formats an advanced understanding of a current topic in the chemical literature.

Degree Requirements

- The minimum requirement for the Doctor of Philosophy degree is 60 graduate credit hours that includes 18 credit hours of graduate course work. At least nine hours must be concentrated in one of the divisions of chemistry. In addition, a minimum of six hours must be taken across two other chemical divisions. With the approval of the student's dissertation committee and the department chair, the additional three credit may be taken in graduate level non-chemistry courses. Required reading courses (CHEM 6090, 6091, 6092, and 6093, one hour each) are not counted as part of the 18 hours. Six credits in CHEM 6095 (seminar) and at least 32 research credits in research/dissertation (CHEM 7050) go toward completion of the 60-semester hour minimum. Courses at the 5000-level can only be used for graduate credit with the approval of the student's dissertation committee and the department chair. For graduate course work, the candidate must maintain an overall B (3.0) average, a B (3.0) average in the major area.
- To become an applicant for the doctorate, a student must pass the qualifying exam. This exam is administered through a cumulative exam system in which the student must pass three separate examinations from a total of eight attempts. All cumulative examinations must be passed within a two-year period following entrance into the program. Exams are offered eight times during each academic year.
- Each student is required to prepare and present one literature seminar, the subject of which is to be taken from the current research literature and is not to be directly related to the student's present or previous research. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. Each student must present the seminar no later than the fourth semester in the program (excluding summer semesters).
- Before attaining full candidacy for the Doctor of Philosophy degree, a student must exhibit excellence, depth of understanding, and high professional attainment in the field by successful completion of the general examination for the doctorate. This examination takes place in the fifth semester of study and consists of a written report and oral presentation to the dissertation committee that summarizes the student's research accomplishments and future studies.

Counselor Education, Ph.D.

Program Overview:

The Counselor Education Ph.D. program prepares counselors for leadership roles in the counseling profession. Research competency, advanced counseling skills, and practice in the clinical supervision of other counselors are emphasized in the program. Graduates generally choose careers as university faculty members (counselor educators), administrators of counseling programs, consultants, private practitioners, and researchers.

Student Learning Outcomes

- Doctoral students will learn research skills.
- Doctoral students will develop skills in clinical counseling supervision and in advanced counseling practice during their academic programs.
- All students will demonstrate specialized knowledge of theory and scholarship in Counselor Education by passing a General Examination judged by a jury of three faculty members.

Admission

Prospective Ph.D. degree students must meet the admission requirements established by the Graduate School. In addition, applicants must complete the Graduate Record Examination (GRE) General Test, provide a resume, a 3-5 page statement of purpose and recommendations from 3 individuals familiar with the applicant's academic and professional potential. Ph.D. degree applicants are considered based on criteria developed and published by the faculty. To be considered for admission to the program without probation, an applicant must have a graduate grade-point average of at least 3.50. Presentation of the minimum graduate grade-point average does not guarantee admission. Admission decisions are based on all criteria considered in relationship to the needs of the program and number of students who can be reasonably accommodated. Applicants who present graduate grade-point averages that are lower than those listed above may be considered for admission on the basis of additional factors. Finalists for admission who are invited must also interview with the program admissions committee. The interview process includes completion of a writing sample and a videotaped counseling interview.

Curriculum

The Ph.D. program goes well beyond the accumulation of graduate course credits. It includes coursework, supervised field experiences, completion of examinations, a research project, and a dissertation. The degree program includes a minimum of 114 graduate credits beyond the bachelor's degree. There are 48 credits of entry-level core counseling courses (includes three credits in research), 12 credits of counseling courses in an area of concentration, 39 credits of doctoral-level core counseling courses (includes 12 credits in research), and 15 additional credits in research courses. Because of the number of credits completed in research (30 credits total), this area serves as the minor for doctoral students. The doctoral program includes a 100 hour practicum and a 600 hour internship. Concentration areas in counseling in the doctoral program are focused in a particular area of counseling such as college/student affairs counseling, clinical mental health counseling, or school counseling. A Program of Study must be completed at the end of the student's first year of enrollment in the doctoral program.

Research Tools

Ph.D. students must complete a minimum of 30 credits in research, which includes coursework and dissertation research. Students develop competency in both quantitative and qualitative research methods. They choose one primary method for their dissertation and complete advanced research courses in that area.

Retention Standards

Ph.D. degree students will be dismissed for any of the following academic reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study; their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; they fail the general or final (dissertation defense) examination twice.

Residency

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence.

The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee. Transfer credit from other institutions may be accepted in partial fulfillment of the residency requirement if approved by the department and the Graduate School.

Prior Master's Work

A student, with approval from the major professor and the department, may have credits earned toward one or more master's degrees completed at other universities and up to 15 semester hours earned outside of a master's degree program, applied to the Ph.D. curriculum. Only graduate credits in which grades of B were earned that were taken in residence at another university may be utilized.

Continuous Enrollment

Doctoral students, after being admitted to the Ph.D. program, must enroll in graduate courses each fall and spring until being awarded the degree. A leave of absence must be formally requested from the faculty prior to any semester in which this requirement is not met. Students will be dismissed if they fail to meet this continuous enrollment requirement.

General Examination

Students must successfully complete a general examination to continue in the Ph.D. program. Students may take the general examination when they have completed most of their coursework, as defined by the faculty.

Time Limit

The Ph.D. in Counselor Education follows the Graduate School requirement for time limit (see Graduate School).

Educational Administration, Ph.D.

Program Overview:

The Educational Administration doctoral program prepares individuals intending to build academic or administrative careers in the areas of school, college, or university leadership and administration. Consistent with emerging paradigms for effective practice which attend to pipeline issues as a key factor in student success through college, the program curriculum will focus on understanding and leading education as a PK-16+ integrated system. Because students will be coming from a variety of curricular backgrounds the core curriculum has been designed to engage students in a basic understanding of educational administration and leadership with progression to more advanced theoretical formulations of leadership, administration, and organization of schools and post-secondary institutions.

Student Learning Outcomes

- Students will produce a dissertation research project of publishable quality.
- Students will demonstrate specialized knowledge of the scholarship in a specialty area of educational administration.
- Students will analyze and evaluate a current issue of practice in the field of educational administration.

Admission

Prospective Ph.D. degree students must meet the admission requirements established by the Graduate School and also provide valid GRE scores, a statement of purpose, a CV or Resume and recommendations from 3 individuals able to address the applicant's academic potential. Admission decisions are based on all criteria considered in relationship to the needs of the program and number of students who can be reasonably accommodated. Applicants who present test scores or graduate grade-point averages that are lower than those listed above may be considered for provisional admission. It is recommended that applicants consult at least one program faculty member early in the process of preparing the application. Students who submit complete applications prior to the date published by the department will be considered.

Requirements for the Doctoral Degree

The Educational Administration Ph.D. program is suited for those planning careers in school and university administration, university teaching, educational research organizations, or any education-related leadership profession. Ph.D. studies in educational administration emphasize research methodology, and students conduct self-directed dissertation research to extended both theory and practice in the field. The program curriculum focuses on understanding and leading education as a PK-16+ integrated system. For those students without a Master's degree in educational administration or higher education, concentrations are available in K-12 school leadership and higher education administration.

The general regulations and procedures governing programs leading to the Doctor of Philosophy, as explained elsewhere in this catalog, will be followed. Specific application of these regulations and procedures to doctoral programs in education, as well as fundamental differences in the programs, is listed below.

Program of Study

The Ph.D. program goes well beyond the accumulation of graduate course credits. It includes coursework, completion of examinations, a research project, and a dissertation. The degree program includes a minimum of 52 credits beyond the Master's degree. Students take a group of core doctoral courses, research methods courses, and dissertation research. Students with no Master's degree in either educational administration or higher education may be required to complete additional coursework (a 12-hour concentration in their discipline). Students should consult the department for specific requirements.

Research Tools

Ph.D. students must complete a minimum of 21 credits in educational research methods. Students develop competency in both quantitative and qualitative research methods.

Retention Standards

Ph.D. degree students will be dismissed for any of the following reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study (this includes the accumulation of more than one "U" grade in EDAD 7050, indicating lack of progress on the dissertation); their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; they fail the qualifying, general, or final (dissertation defense) examination twice; or they fail to maintain continuous enrollment in all fall and spring semesters until successful completion of the dissertation and graduation.

Residency

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence.

The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee.

Research Project

Doctoral students complete a research project as defined by the faculty prior to taking their general examination.

Continuous Enrollment

Doctoral students, after being admitted to the Ph.D. program, must enroll in graduate courses each fall and spring until being awarded the degree. A leave of absence must be formally requested from the faculty prior to any semester in which this requirement is not met. Students will be dismissed if they fail to meet this continuous enrollment requirement.

Qualifying Examination

After successful screening into the PhD program, and typically during the second semester of their enrollment in the program, students must successfully

complete the Qualifying Examination to qualify for continued enrollment in the program. Program faculty develop exam content and evaluate student responses to the exam. The exam is designed to assess the level of critical thinking and scholarly writing demonstrated by the student.

General Examination

Students must successfully complete a general examination to continue in the Ph.D. program. Students may take the general examination when they have completed most of their coursework, as defined by the faculty, and garnered advisor approval of the dissertation prospectus for the proposed dissertation research project.

Time Limit

New doctoral students must complete their degree not more than six years from admission to candidacy (Generals) to degree completion. Prior work completed that is applied toward the degree must have been completed within nine years of the date the Ph.D. is awarded.

Engineering and Applied Science, Civil & Environmental Concentration, Ph.D.

Engineering and Applied Science, Electrical Engineering Concentration, Ph.D.

Engineering and Applied Science, Engineering Management Concentration, Ph.D.

Engineering and Applied Science, Mechanical Engineering Concentration, Ph.D.

Engineering and Applied Science, Naval Architecture & Marine Engineering Concentration, Ph.D.

Engineering and Applied Science, Ph.D.

The Doctor of Philosophy in Engineering and Applied Science is an interdisciplinary, integrative degree involving faculty from the College of Engineering and the College of Sciences. The program is designed for those engineers who will extend the frontiers of engineering. The graduate will have knowledge that is both broad in fundamentals as well as strongly focused in the area of his/her research. Research is the centerpiece of a Ph.D. program. It is expected that the graduate's research will substantially expand the knowledge of the engineering profession.

Student Learning Outcomes

- Students are expected to exhibit a graduate-level understanding of basic theoretical views and computational/experimental methods in engineering and applied sciences, as well as advanced expertise within their chosen specialty.
- Students are expected to demonstrate the ability to conduct an independent research program. This may involve designing and running experiments or conducting computational analyses, analyzing and interpreting data, and presenting the findings in writing in the context of the existing literature in the field.
- Students will be able to appraise, analyze and assess advanced topics in their specific discipline via oral communication.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

admission to the doctoral program is based on reasonable evidence that the applicant will prove capable of scholarly research on a broad intellectual foundation. All students enrolling in the program must have a Master's degree from an accredited college or university in engineering, physics, mathematics, earth and environmental sciences, computer science, or a closely related field, or be willing to complete coursework required in an existing Master's program in one of the participating departments at UNO while pursuing the Ph.D. Admission decisions will be based primarily on grade-point average, Graduate Record Examination scores, and letters of recommendation.

Degree Requirements

81 graduate credit hours are required in total for the Ph. D. program in Engineering & Applied Science, of which 30 hours in dissertation research are required and a minimum of 51 semester credit hours of graduate course work in an approved program beyond the Bachelor's degree. Up to 30 graduate credit hours from a Master's degree program, if the area of the Master's degree is relevant to the concentration, may be applied towards the satisfaction of credit hours for the Ph.D. Students may choose a concentration from Civil and Environmental Engineering, Electrical Engineering, Engineering Management, Mechanical Engineering, Naval Architecture and Marine Engineering, Computer Science, Earth and Environmental Sciences, Mathematics, or Physics. Program qualification, in the form of a Qualifying Examination, is administered by the department of the major professor(s). It is based on material in a typical departmentalized master's degree program, or equivalent. A doctoral dissertation based on the results of original research under the guidance of a faculty committee and defended in a public examination is required for the completion of the doctoral program. The student's dissertation advisory committee will consist of at least five members, of which no more than three can be from the major department, and one must be from the other college. Courses are chosen with the consent of the dissertation advisory committee. The committee shall consider the interdisciplinary nature of the program when it approves the courses. A minimum of nine credits (three courses) must be taken in each college. A General (comprehensive) Examination will be administered by the dissertation advisory committee. The examination will be based on material in the student's program of study. After passing the General Examination the Ph.D. student is expected to write a dissertation prospectus and defend it before the dissertation advisory committee. After a successful defense and committee approval of the prospectus, the student may pursue research leading to the dissertation. The dissertation should reflect the interdisciplinary nature of the program. There must be a final public defense of the dissertation administered by the dissertation advisory committee.

Financial Aid

Teaching and research assistantships are available to qualified graduate students on a competitive basis.

Concentration Requirements

Students may choose a concentration from:

- Civil and Environmental Engineering
- Electrical Engineering
- Engineering Management
- Mechanical Engineering
- Naval Architecture and Marine Engineering
- Earth and Environmental Sciences
- Mathematics or
- Physics.

Engineering and Applied Science, Ph.D.

The Doctor of Philosophy in Engineering and Applied Science is an interdisciplinary, integrative degree involving faculty from the College of Engineering and the College of Sciences. The program is particularly suited to the emerging trends in the scientific and engineering communities.

Student Learning Outcomes

- Students are expected to exhibit a graduate-level understanding of basic theoretical views and computational/experimental methods in engineering and applied sciences, as well as advanced expertise within their chosen specialty.
- Students are expected to demonstrate the ability to conduct an independent research program. This may involve designing and running experiments or conducting computational analyses, analyzing and interpreting data, and presenting the findings in writing in the context of the existing literature in the field.
- Students will be able to appraise, analyze and assess advanced topics in their specific discipline via oral communication.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, admission to the doctoral program is based on reasonable evidence that the applicant will prove capable of scholarly research on a broad intellectual foundation. All students enrolling in the program must have a Master's degree from an accredited college or university in engineering, physics, mathematics, earth and environmental sciences, computer science, or a closely related field, or be willing to complete coursework required in an existing Master's program in one of the participating departments at UNO while pursuing the Doctor of Philosophy. Admission decisions will be based primarily on grade-point average, Graduate Record Examination scores, and letters of recommendation.

Degree Requirements

81 graduate credit hours are required in total for the Ph. D. program in Engineering & Applied Science, of which 30 hours in dissertation research are required and a minimum of 51 semester credit hours of graduate course work in an approved program beyond the Bachelor's degree. Up to 30 graduate credit hours from a Master's degree program, if the area of the Master's degree is relevant to the concentration, may be applied towards the satisfaction of credit hours for the Ph.D. A doctoral dissertation based on the results of original research under the guidance of a faculty committee and defended in a public examination is required for the completion of the doctoral program. Students may choose a concentration from Civil and Environmental Engineering, Electrical Engineering, Engineering Management, Mechanical Engineering, Naval Architecture and Marine Engineering, Computer Science, Earth and Environmental Sciences,

Mathematics, or Physics.

The student's dissertation advisory committee will consist of at least five members, of which no more than three can be from the major department, and one must be from the other college. Program qualification, in the form of a Qualifying Examination, is administered by the department of the major professor(s). It is based on material in a typical departmentalized master's degree program, or equivalent. Courses are chosen with the consent of the dissertation advisory committee. The committee shall consider the interdisciplinary nature of the program when it approves the courses. A minimum of nine credits (three courses) must be taken in each college. A General (comprehensive) Examination will be administered by the dissertation advisory committee. The examination will be based on material in the student's program of study. After passing the General Examination, the Ph.D. student is expected to write a dissertation prospectus and defend it before the dissertation advisory committee. After a successful defense and committee approval of the prospectus, the student may pursue research leading to the dissertation. The dissertation should reflect the interdisciplinary nature of the program. There must be a final public defense of the dissertation administered by the dissertation advisory committee.

Financial Aid

Teaching and research assistantships are available to qualified graduate students on a competitive basis

Concentration Requirements

Students may choose a concentration from:

- Civil and Environmental Engineering
- Electrical Engineering
- Engineering Management
- Mechanical Engineering
- Naval Architecture and Marine Engineering
- Earth and Environmental Sciences
- Mathematics or
- Physics.

Financial Economics, Ph.D.

The Department of Economics and Finance offers a Doctor of Philosophy degree in Financial Economics with specializations in International Financial Economics, Investments, Corporate Finance, Monetary Theory and Financial Institutions, and an interdisciplinary field. The curriculum is structured to promote competence both in theory and applications, in finance and economics.

Student Learning Outcomes

- All students should demonstrate core knowledge of Financial Economics.
- All students should demonstrate advanced knowledge of Financial Economics.
- All students should demonstrate the ability to perform original, independent research in Financial Economics.

Admission Requirements

All students enrolling in the program must have a bachelor's degree from an accredited college or university and, at a minimum, their undergraduate training should include principles of economics, intermediate microeconomic and macroeconomic theory, financial management, one year of statistics, and one semester of calculus. Admission decisions will be based primarily on undergraduate grade point average (GPA), Graduate Record Examination (GRE) or Graduate Management Admissions Test (GMAT) scores, and letters of recommendation. Preferred levels of performance will be a 3.0 GPA and 350 (combined scores for verbal and quantitative sections) GRE or 550 GMAT score. These levels will be viewed as general guidelines since particular strength in one set of credentials may be viewed as sufficient to offset a modest deficiency elsewhere.

Degree Requirements

The doctoral program in financial economics is divided into three stages: core preparation, advanced specialization, and dissertation. All graduate students must have approval of the graduate coordinator for the courses that they take.

Students may be allowed to start taking graduate courses before completing certain foundation courses. The intermediate economics courses may be taken concurrently with the graduate theory courses. Principles of Financial Management (Finance 3300), calculus, and statistics are prerequisites to all graduate courses in the program.

Prospective candidates for the Ph.D. degree in financial economics should be advised that mathematical modeling is used heavily in the field. Indeed, it is virtually impossible to read any current major journal (much less contribute one's own research to them) without considerable training in modeling methods. Those entering doctoral study without command of calculus will be judged deficient. More than one semester in calculus is recommended.

The successful completion of the Ph.D. program is carried out in three stages: core courses that culminate in a qualifying exam, two specialized fields with a corresponding general exam, and a dissertation and its oral defense. The Ph.D. candidate must demonstrate proficiency in mathematics or computer programming in a manner approved by the Graduate Coordinator. All students must complete a minimum of 60 credit hours in the program to graduate.

Integrative Biology, Ph.D.

Program Overview:

The Integrative Biology doctoral program is designed to prepare students for careers in biology through a rigorous program of coursework and research. Integrative biology combines approaches from diverse areas, from molecular biology to ecology), to illuminate how organisms function and operate in their environment.

Student Learning Outcomes

- Deliver effective oral and visual summaries of independent research.
- Demonstrate mastery of advanced concepts and experimental approaches in an area of biological research.
- Integrate current scientific knowledge into a research proposal aimed at making an original contribution to an advanced technical field of biology.
- Apply advanced concepts and experimental approaches to a novel problem in biology. Present and evaluate the results of original dissertation research to a general audience.
- Write a dissertation that synthesizes previous research in support of an original research project, and evaluates the results of original research in the context of current knowledge.

Admission:

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be prompted to provide a statement of purpose describing research interest, experience and goals and a current resume/CV. Three letters of recommendation from faculty familiar with the academic and research potential of the applicant are also required.

Degree Requirements

Doctoral students are required to complete a minimum of 60 credit hours beyond the baccalaureate degree. The course requirement is meant to provide students with basic understanding and skills in Integrative Biology, while allowing individuals to tailor the specific coursework to meet their needs. Courses are selected in consultation with the student's advisor and must satisfy the following requirements:

- 3 credit hours of Topics in Integrative Biology (BIOS 6093).
- 9 credit hours of other graduate-level coursework.¹
- 2 credit hours of Scientific Communication (BIOS 6022).
- 4 credit hours of Graduate Seminar (BIOS 6091).²
- 12 credit hours of Dissertation Research (BIOS 7050).³
- The remaining 30 credit hours may include additional seminar (BIOS 6091) or research (BIOS 7000, BIOS 7050).⁴

¹A minimum of 3 credit hours must be at the 6000-level (i.e., 6 credit hours may be at the 5000-level). May not include BIOS 6091, BIOS 7000, BIOS 7050 or more than 3 credit hours of BIOS 6090.

²Students are expected to enroll in BIOS 6091 every regular semester in residence.

³Students are expected to enroll in BIOS 7050 every regular semester in residence after advancing to candidacy.

⁴Other specific courses may be required to address deficiencies in student preparation.

Students must maintain a cumulative GPA of 3.0 (on a 4.0 scale) in all required coursework. Any course in which a student earns a C will be reviewed by the graduate committee to determine whether it will count toward the degree requirements. In no case will more than 6 credit hours of C be applied to the degree requirements. At least half of the total credits earned by doctoral students must be at the 6000 or 7000-level.

Advisory Committee

All students admitted to the doctoral program will be assigned an interim advisor. During the first year in the program, the student will select a research advisor (who may be the same as the interim advisor) and assemble an advisory committee. The advisory committee consists of four associate or full members of the graduate faculty, three of whom must be faculty of the Department of Biological Sciences. Other committee members may be from other departments at

UNO or other institutions. The advisory committee provides guidance on coursework and research.

A Plan of Study that includes coursework completed, in progress, and planned, must be approved by the graduate coordinator and submitted to the graduate school by the end of the first year in the program. Continuation in the program is contingent upon evidence of progress in the degree program provided in the form of annual reports submitted to the graduate committee.

General Exam

Students must take a general exam before the end of their second year in the program. The major requirement of the general exam is the preparation of a well-constructed and complete research proposal describing the dissertation project in sufficient detail to judge feasibility, novelty, and relevance of the project. The proposal is presented at a public seminar and defended in a closed meeting with the advisory committee. Students need to demonstrate a high degree of proficiency in their research area, appropriate general knowledge, and readiness to perform dissertation research. Upon passing the general exam, and with the approval of the Department Chair and Dean of the College, the student is admitted to doctoral candidacy.

Failure to meet the deadlines to submit a Plan of Study and pass the General Exam will result in a warning that will be entered into the student's departmental record. The student must satisfy the requirement before the end of the next regular semester. Failure to satisfy either requirement during the first regular semester after the deadline will result in a hold being placed on the student's registration for future semesters and potential dismissal from the program.

Dissertation

The most important requirement of the doctoral degree is a dissertation summarizing original, independent research, which is both significant and novel. Hence, the final years of study are dedicated to conducting research and preparing the dissertation. Advisory committee meetings are convened annually to monitor progress and address problems if they arise. The research is evaluated regularly and adjusted in scope or direction as needed to ensure progress toward the degree. The doctoral program culminates with the preparation, public presentation, and defense of the dissertation in front of the advisory committee. After the defense, the dissertation is revised according to committee recommendations and approved by the Graduate School.

Teaching Requirement

Students are required to have teaching experience prior to the completion of their graduate career at UNO. The experience may be attained prior to enrollment in the program (e.g., by serving as a teaching assistant during undergraduate or M.S. programs) or during the student's tenure in the doctoral program.

Justice Studies, PhD.

The interdisciplinary PhD in Justice Studies prepares students to advance justice in their communities and in broader society. Through training in empirical methods, theory, and scholarly synthesis, students develop the capacity to engage in critical dialogue that promotes justice. The program consists of core courses in justice theory and research methods; an individualized plan of study related to one of four concentrations; a comprehensive exam; and a prospectus, dissertation, and defense.

Learning Objectives

By completion of the PhD in Justice Studies, graduates will demonstrate:

- Knowledge of major theoretical frameworks around concepts of justice and injustice;
- Facility with diverse methods of research;
- Expertise in a selected area of justice;
- Capacity for advanced-level research in Justice Studies.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the program must provide a statement of purpose of 1,000 to 1,500 words outlining areas of interest and educational and career goals, as well as three letters of recommendation (academic preferred). The GRE is not required.

Degree Requirements

The PhD in Justice Studies requires a minimum of 57 credit hours of graduate-level coursework in the following areas:

- 12 credit hours of core courses with a grade of B or higher;
- 33 credit hours of elective graduate coursework, of which at least six hours are directly related to a "concentration" (criminal, educational, environmental, or social justice); and
- 12 credit hours of supervised dissertation research, resulting in a complete and defended prospectus and dissertation.

The general regulations and procedures governing programs leading to the Doctor of Philosophy, as explained elsewhere in the catalogue, will be followed.

Program of Study

The four core courses are taken sequentially and cover justice theories and research methods, respectively. Concentration coursework and other electives are selected from relevant existing courses offered throughout the university, subject to course availability, following an approved plan of study.

After completion of core and concentration requirements, the student is eligible to write and orally defend a comprehensive exam comprised of essay questions in the areas of justice theory, justice methods, and the concentration. A student who does not pass in all three areas may retake the exam one time in the area(s) needed.

Students who pass the comprehensive exam, advancing to candidacy, enroll in a three-credit course guiding creation of the prospectus, which serves as the proposal and first three chapters of the standard dissertation. Candidates then write and defend their prospectus, followed by the full dissertation, to a three-member committee.

Psychology, Ph.D.

Student Learning Outcomes

- Students who complete the PhD degree will demonstrate advanced knowledge in a specific subarea of psychological inquiry.
- Students who complete the PhD degree will demonstrate advanced skills and knowledge in writing about a specific area of psychological inquiry.
- Graduate students who complete the PhD degree will demonstrate the ability to communicate in depth psychological knowledge of a specific area of psychological science, develop and test hypotheses that advance current knowledge.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, the department's recommendation for admission is based on the student's performance on the Graduate Record Examination, letters of recommendation, and on the student's academic performance. The department may recommend full or conditional admission. If admitted on a conditional basis, the applicant must fulfill the conditions imposed by the department.

Degree Requirements

After completion of the master's requirements, students must pass a Qualifying Examination in order to continue to work toward a doctoral degree. During the entire period of work toward the doctorate, a student's program of study is guided by a doctoral advisory committee. The full advisory committee consists of the major professor who acts as chairperson, and at least three other graduate faculty members of the department. At least two members (including the chairperson) must be full-time members of the department, and at least one member must be a full member of the UNO graduate faculty. The committee is nominated by the chair of the department and is appointed by the Dean of the College.

The student's doctoral program of study must meet the following standards, which includes a minimum of 30 credit hours beyond those required by the Master of Science degree.

Doctoral Core Courses:

- PSYC 6820 - Psychophysiology - **Credits: 3**
- PSYC 6895 - Adv Sem Appl Biopsychology - **Credits: 3**

Applied Developmental Students Must Take

- PSYC 6195 - Adv Sem Appl Devel Psychology - **Credits: 3**
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**
- PSYC 6801 - Fund Appl Biopsychology I - **Credits: 3**

The advanced seminar, PSYC 6195, must focus on advanced methods in developmental research.

The Advanced Seminar

- PSYC 6195 - Adv Sem Appl Devel Psychology - **Credits: 3**

Electives:

Developmental students are required to take six hours of elective coursework and Biopsychology students are required to take nine hours of elective coursework. The electives must be chosen from content courses; research and practicum beyond the minimum cannot be used as electives.

Research:

In addition to the dissertation requirements outlined below, all students are required to take six hours of independent research, PSYC 6090. Also, students must register for at least three hours of research credit every semester they are not registered for dissertation hours (excluding summers).

Practicum:

Six hours of practicum are required for all students (PSYC 6191 or PSYC 6891). The purpose of the practicum is to give students first-hand experience in an applied setting. The emphasis is on the application of experimentally-derived principles within the context of a service-delivery system. The practicum experience is arranged to provide an opportunity for students to begin to develop and practice a variety of skills in their areas of specialization.

Qualifying General Examination:

All students must pass a Qualifying General Examination which is administered when the student's coursework is substantially completed. The General Examination consists of the student writing and orally defending a literature review of the research area relevant to the proposed dissertation topic. The literature review and defense must demonstrate competence in the student's minor and applied areas. The exam will be conducted by the student's Doctoral Advisory Committee.

Dissertation and Final Defense:

All students must complete a dissertation and register for a minimum of six hours of PSYC 7050. The student must be registered for dissertation research each semester he or she is working on it until the final examination is passed. The dissertation must demonstrate a mastery of research techniques, ability to do original and independent research, and skill in formulating conclusions that in some way enlarge upon or modify the existing knowledge base in psychology. The final examination is the oral defense of the dissertation. The final examination committee is appointed by the Graduate School. In most cases it will consist of the student's doctoral advisory committee, although the additional members may be added.

Internship:

A student may elect to take an internship and the student must be registered for PSYC 7191 or PSYC 7891 throughout the internship (minimum of six hours). It must involve the equivalent of 12 months of supervised full-time experience. It must be supervised by a licensed psychologist. To qualify as an internship, a minimum of 1,500 hours at the site must be completed within 24 months and it must be approved by the department. The internship is an intensive, advanced, supervised experience required to be a practicing psychologist. To be eligible for an internship, the student must have completed all coursework and passed the General Examination. Only the dissertation may remain.

Minimum Grades:

A student who earns a C or lower in a core (either general or specialty) or who drops a core course while earning lower than a B will be dropped from the program. If a student receives a C or less in a non-core course, that course must be repeated in order to earn graduate credit. All students must maintain at least a B average in all courses in order to remain in the psychology graduate program.

Additional Reasons for Dismissal:

A student is expected to make normal progress toward the degree to remain in the program and must be registered as a full-time student each semester in the program. A student may be dropped from the program if, in a semi-annual evaluation, the faculty determines that the student does not meet the standards of a Doctor of Philosophy candidate.

Urban Studies, Ph.D.

Student Learning Outcomes

- Graduates will demonstrate an ability to synthesize urban studies scholarship, apply existing knowledge to diverse urban and regional questions, and create original interpretations of urban and regional debates.

- Graduates will demonstrate their ability to use urban studies scholarship for original policy analysis and to design applied research.
- Students will demonstrate sufficient advanced knowledge in a subfield along with relevant methods to make an original contribution to the body of urban studies knowledge.
- Students will demonstrate an ability to evaluate both qualitative and quantitative urban and regional scholarship

Admission

The program of study leading to the Doctor of Philosophy in Urban Studies program enables students of exceptional ability to undertake advanced study and original research in the fields of urban affairs, urban history, and urban and regional planning. The primary goal of the program is to prepare people for careers in scholarly activity, applied research, and high caliber policy analysis. Although many graduates will undertake applied research and policy analysis outside of academic settings, the program provides a sound foundation for teaching and research in emphasizes command of the literature in a particular area of scholarship and mastery of the research skills necessary to make original contributions to that literature.

Students admitted to the Ph.D. in Urban Studies program will typically have a master's degree in urban studies, urban planning, public administration, anthropology, architecture, history, or a related discipline. In some cases students admitted to the program may be required to undertake additional preparation appropriate to their major fields of study or areas of specialization.

Admission requirements for the Ph.D. in Urban Studies program include a minimum graduate grade point average of 3.0, an undergraduate grade point average of 3.0 or higher, a score of 150 or higher on the quantitative reasoning portion of the GRE, a score of 150 or higher on the verbal reasoning portion of the GRE, and a score of at 5.0 or higher on the analytical writing portion of the GRE. The admissions committee may relax some admission requirements if applicants' records show substantial professional or scholarly achievement.

Degree Requirements

Students must earn a minimum of 60 semester credit hours beyond the bachelor's degree with a grade point average of 3.0 or higher, including a minimum of nine credit hours for dissertation research. All courses must be approved by the Department of Planning and Urban Studies and the Graduate School. Students are required to earn a B or higher in all required courses. For their other courses, students will be allowed two course grades of C or lower. Students who receive a third C while in the Ph.D. in Urban Studies program must withdraw from the program for at least one semester.

Students may count up to a maximum of 30 graduate credit hours earned after the baccalaureate degree program toward Ph.D. in Urban Studies program requirements. All previous coursework counted toward the Ph.D. in Urban Studies program requirements must be approved by the Ph.D. graduate coordinator and the Graduate School and, if approved, will be covered on a written comprehensive examination that all urban studies doctoral students must pass before advancing to candidacy.

Fields of specialization include

- Urban Affairs,
- Urban History, and
- Urban and Regional Planning
- Transportation

Overview

60 credit hours beyond the baccalaureate degree:

- Core Curriculum (nine credit hours)
- DURB 6850
- DURB 6830
- One additional 6000-level seminar course depending on field of specialization
- Research Design and Methods (3-15 credit hours, depending on prior preparation; DURB 7030 is required for all students)
- DURB 7050 - Dissertation Research (nine credit hours)

Major and Minor Fields of Study/Area of Specialization (up to 27 credit hours)

Course substitutions are permissible with approval from the program coordinator.

Students choose from four major fields of study: urban affairs, urban history, urban planning, and transportation. They select a group of courses that provide a foundation in the theory and methods of their chosen field and a set of additional courses that constitutes an area of specialization. Typically, foundation courses are completed as part of a previous master's degree program. Students who do not have a master's degree in their major field or in a related field should expect to take courses sufficient to demonstrate knowledge of the basic theory, concepts, and methods of their major fields of study.

Students select a group of courses that form an area of specialization within their major fields of study. As a rough rule of thumb, students should expect to complete at least 15 credit hours of coursework in their areas of specialization. The courses may be offered in the Department of Planning and Urban Studies or other departments at the University of New Orleans.

Students define their areas of specialization in consultation with a faculty advisor and the Ph.D. graduate coordinator. The courses must be mutually

reinforcing and coherent; assure expertise in some body of knowledge, methods, or problem area; and provide students with adequate skills and knowledge to undertake dissertation research, teach, and carry out original research in their areas of specialization. Students are expected to develop knowledge of the body of relevant theory in their areas of specialization, usually by taking courses in the social sciences, history, or planning; demonstrate an ability to apply theory and methods to specific problems; and develop a general proficiency in research design and methods. Areas of specialization available to urban studies doctoral students include, but are not limited to, urban development, urban anthropology, social policy, social and cultural change, public culture, public history, cultural resource management, and historic preservation.

Students may, at their own option, define a minor field of study. Within the minor field, students must complete at least nine credit hours in a set of courses approved in advance by the faculty advisor and the Ph.D. graduate coordinator. (Students may have completed some of the coursework as part of a master's degree program.) Courses students complete in the minor field may constitute an independent body of knowledge, or they may support the area of specialization developed in the major field.

Students should check with the department about any revisions approved for the program, but which may not be reflected in this catalog, or visit the department website at www.uno.edu/cola/planning-and-urban-studies.

Graduate Certificate

Coastal Engineering Graduate Certificate

After successful completion of this certificate, students should be able to:

- Utilize basic principles of wind and wave generation to understand coastal sediment transport
- Design gravity dams, spillways, drop structures, stilling basins, sector gates and outfall structures
- Design levees and analyze slope stability, settlement, and seepage
- Compute sediment load using principles of sediment transport.
- Estimate cost for different dredging methods in the context of coastal restoration.
- Utilize principles of coastal morphodynamics to predict delta evolution, shoreline change, and marsh edge erosion.

Curriculum

- 12 graduate credit hours earned in: Ocean and Coastal Engineering, Coastal Processes, Sediment Transport and Dredging, and Design of Coastal and Hydraulic Structures.
- The cumulative grade point average (GPA) of the four courses must be a minimum of a B average (3.0) to earn the certificate.
- All courses will be offered in a dual format (classroom + online over the internet). This will provide opportunity for practicing engineers to take advantage of the certificate program.
- Certificate courses can be taken by practicing engineers with a bachelor's degree in Engineering, Sciences, or related fields. Students may apply credit earned in these courses towards their M.S. in Engineering program if they are offered admission to the program and the coursework is completed within the time limit for Master's degrees.

Admission requirements

A bachelor's degree earned in Engineering or related field with a cumulative GPA of 2.5 is required for entry to the Certificate program.

Coastal Sciences Graduate Certificate

Program Overview:

The certificate in Coastal Sciences is offered jointly by the Department of Earth & Environmental Sciences and the Department of Civil & Environmental Engineering, which also offers a certificate in Coastal Engineering.

Student Learning Outcomes

After successful completion of this certificate, students should be able to:

- Utilize principles of coastal morphodynamics to predict delta evolution, shoreline change, and marsh edge erosion.
- Compute sediment load using principles of sediment transport.
- Estimate cost for different dredging methods in the context of coastal restoration.
- Utilize basic principles of wind and wave generation to understand coastal sediment transport.

- Understand and apply appropriate management and mitigation approaches to barrier shorelines, beaches, deltas, and estuaries.
- Recognize the range of coastal environments and the physical, biological and chemical processes that shape these environments.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the program must

Hold a degree in a related field (engineering or sciences).

Curriculum

- 12 graduate credit hours earned in: Coastal Processes, Sediment Transport and Dredging, Coastal Geomorphology, and Coastal Restoration and Management.
- The cumulative grade point average (GPA) of the four courses must be a minimum of a B average (3.0) to earn the certificate.
- All courses will be offered in a dual format (classroom + online over the internet). This will provide opportunity for practicing engineers to take advantage of the certificate program.
- Certificate courses can be taken by practicing engineers with a bachelor's degree in Engineering, Sciences, or related fields. Students may apply credit earned in these courses towards their M.S. program if they are offered admission to the program and the coursework is completed within the time limit for Master's degrees.

Data Analytics Graduate Certificate

Program Overview:

The graduate certificate in Data Analytics provides students with the tools to meet the increased demand for professionals who can interpret, explain and present large quantities of data for decision-making.

Student Learning Outcomes:

- Utilize statistical principles to review, organize & analyze data
- Design statistical models for large data sets
- Build projections and forecast outcomes

Requirements

The certificate requires 4 courses, including a core of 2 Mathematics courses that provide a foundation in statistical analysis and modeling; and 2 additional courses in options that focus on the application of data analytics methods in different fields including statistical learning, management and urban research.

Requirement

- MATH 5371 Data Analytics **Credits: 3**
- MATH 6371 Advanced Data Analytics **Credits: 3**

Option I Statistical Learning

- MATH 5385 - Statistical Learning - **Credits: 3**
- MATH 6395 - Advanced Statistical Learning **Credits: 3**

Option II Management

- MANG 5780 - Business Intelligence **Credits: 3**
OR
- MKT 5700 - Marketing Analytics - **Credits: 3**

- ENMG 6120 - Project Management - **Credits: 3**

Option III Urban Research

- MURP 6020 - Analytic Methods for Planners - **Credits: 3**
- MURP 6121 - Urban & Regional Analysis II - **Credits: 3**

Disaster Management & Community Resilience Graduate Certificate

Course Requirements

- PADM 6130 - U.S. Disaster Policy - **Credits: 3** (core required)

Three additional courses from:

- URBN 5150 - Planning for Hazards - **Credits: 3**
- SOC 5875 - Soc of Disaster - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- MURP 6030 - Social Policy Planning - **Credits: 3**
- MURP 5140 - Environmental Planning - **Credits: 3**
- MURP 5145 - Coastal Zone Planning & Admin - **Credits: 3**
- URBN 5140 - Citizen Participation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**

Other courses as approved by the Chair of the Department of Planning & Urban Studies.

Disaster Management and Community Resilience Graduate Certificate

Course Requirements

- PADM 6130 - U.S. Disaster Policy - **Credits: 3** (core required)

Three Additional Courses From:

- URBN 5150 - Planning for Hazards - **Credits: 3**
- SOC 5875 - Soc of Disaster - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- MURP 6030 - Social Policy Planning - **Credits: 3**
- MURP 5140 - Environmental Planning - **Credits: 3**
- MURP 5145 - Coastal Zone Planning & Admin - **Credits: 3**
- URBN 5140 - Citizen Participation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**

Other courses as approved by the Chair of the Department of Planning and Urban Studies.

Changes

Students should check with the Department of Planning and Urban Studies about any revisions approved for the program, but which may not be reflected in this catalog.

Geographic Information Systems Graduate Certificate

Course Requirements

12 Credit Hours (Four Courses) from the Following:

- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- GEOG 5810 - Introduction to Remote Sensing - **Credits: 3**
- GEOG 5820 - Rem Sens II: Image Processing - **Credits: 3**
- GEOG 5830 - GIS Theories and Concepts - **Credits: 3**

- GEOG 5832 - Adv Techniques GIS - **Credits: 3**
- MURP 5081 - Information Tech for Plan Prof - **Credits: 3**
- MURP 5800 - Spec Studies-Urban Problems - **Credits: 3**
OR
- URBN 5800 - Spec Studies-Urban Problems - **Credits: 3** may be taken with permission from the Department of Planning and Urban Studies

Other courses as approved by the Chair of the Department of Planning and Urban Studies.

Historic & Cultural Preservation Graduate Certificate

Required Courses

- MURP 5010 - Policies and Politics of Historic Preservation - **Credits: 3**
- URBN 5100 - Gentrification Hist Dist - **Credits: 3**
- ANTH 5721 - Cultural Resources Management: Theory & Practice - **Credits: 3**

Elective Courses (Only 2 Courses Required; Pathways Optional)

Career Pathway #1: Preservation Policy & Law

- MURP 5071 - Historic Preservation Law - **Credits: 3**
- MURP 6071 - Zoning-Land Use Regulation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**
- MURP 6450 - Local Economic Development - **Credits: 3**
- MURP 6900 - Independent Study - **Credits: 3** (with approval of the Jean Brainard Boebel Endowed Chair in Historic and Cultural Preservation)

Career Pathway #2: Preservation Planning

- MURP 6620 - History & Theory Planning - **Credits: 3**
- URBN 5002 - The Shape of the City - **Credits: 3**
- MURP 5005 - Intro Neighborhood Planning - **Credits: 3**
- MURP 5050 - Urb Land Use Plan & Plan Makng - **Credits: 3**
- MURP 5081 - Information Tech for Plan Prof - **Credits: 3**
- MURP 6800 - Planning Internship - **Credits: 3** (with approval of the Jean Brainard Boebel Endowed Chair in Historic and Cultural Preservation)

Career Pathway #3: Cultural Resource Management

- ANTH 5070 - Qualitative Research - **Credits: 3**
- ANTH 5991 - Adv Field Res in Anthropology - **Credits: 1 - 6 (Variable)**
- ANTH 6201 - Analysis Tech Writing CRM - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- ANTH 5790 - Internship in Anthropology - **Credits: 3** (WITH approval of the Richard Wallin Boebel Endowed Professor in Anthropology)

Career Pathway #4: Heritage Placemaking

- HIST 6603 - Research in New Orleans Hist - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**
- HIST 6992 - History Internship - **Credits: 3** (with approval of a Co-Director of the Midlo Center for New Orleans Studies)

Machine Learning and Artificial Intelligence Graduate Certificate

The Graduate Certificate in Machine Learning and Artificial Intelligence is designed to rapidly produce graduate students who will be qualified for high-demand jobs in the Machine Learning (ML) and Artificial Intelligence (AI) areas.

Required Courses

- CSCI 6521 - Advanced Machine Learning I - **Credits: 3**
- CSCI 6522 - Advanced Machine Learning II - **Credits: 3**

Elective Courses (Choose 2)

- CSCI 6250 - Big Data Analytics and Systems - **Credits: 3**
- CSCI 6454 - Parallel & Sci Computing - **Credits: 3**
- CSCI 6633 - Computer Vision - **Credits: 3**
- CSCI 6634 - Data Visualization - **Credits: 3**
- CSCI 6645 - Planning Algorithms in AI - **Credits: 3**
- CSCI 6650 - Intelligent Agents - **Credits: 3**
- CSCI 6990 - Topics in Adv Comp Sci - **Credits: 3**

Master of Arts

Arts Administration, M.A.

Program Overview:

The Master of Arts in Arts Administration is designed to prepare students for careers in arts management and cultural policy with emphasis on practical field experience. Core courses cover performing and visual arts, commercial entertainment and non-profit, and the gamut of established institutions, startup enterprises, and work with individual artists. Elective options allow students to explore areas of individual interest, taking advantage of the culture-rich environment of New Orleans. A capstone internship synthesizes the knowledge gained. Courses are taught by leading experts in the field, and are scheduled to accommodate working students.

Student Learning Outcomes

- Students will understand and be able to apply the concepts, issues, and best practices in arts marketing, legal matters, development, community arts engagement, and public policy.
- Students will understand the basics of producing and exhibiting both performing and visual arts, in both mission- and profit-driven contexts.
- Students will hone their writing and public presentation to meet the wide range of communication demands of the professional arts manager.
- Students will be able to budget, track, and report on the financial outcome of events, and understand funding and the financial records of an organization.
- Students will synthesize class learning with practical experience by applying arts administration skills in actual working environments.

Admission

A student must be accepted by both the Graduate School and the Arts Administration Program. To be admitted to graduate studies in Arts Administration, a student must provide a written Statement of Purpose and three Letters of Recommendation. Work experience in business and/or the arts is desirable but not required.

Program Scope

The Program encompasses a full range of topics associated with the visual and performing arts business and cultural infrastructure, arts advocacy and public policy, and arts in communities. With faculty guidance, during the course of their studies students will choose and pursue areas of specialization and pursue a pattern of study best suited to their interests and career goals.

Degree Requirements

Students must earn 42 credit hours, including 6 credits from a supervised Internship.

Requirements are:

Core Required Courses (10-3 Credit Hours Each):

- AADM 6200 - Arts Organizations & Business - **Credits: 3**
- AADM 6223 - Finance for Not-for-Profit Organizations
- AADM 6501 - Development for Arts Orgs - **Credits: 3**
- AADM 6502 - Arts Admn Legal & Bus Appl - **Credits: 3**
- AADM 6503 - Marketing the Arts - **Credits: 3**
- AADM 6507 - Research in the Arts - **Credits: 3**
- AADM 6508 - Arts Leadership - **Credits: 3**

- AADM 6509 - Arts Educ for Admin - **Credits: 3**
- AADM 6601 - Writing & Pres for Art Adm - **Credits: 3**
- AADM 6607 - Public Arts Policy - **Credits: 3**

Electives (2, chosen from the following - credit hours each)

- AADM 6506 - Musical Overview Arts Administ - **Credits: 3**
- AADM 6505 - Seminar in Arts Administration
- AADM 6609 - Arts and Community - **Credits: 3**
- AADM 6610 - Public Relations in the Arts - **Credits: 3**
- AADM 6611 - Branding in the Arts - **Credits: 3**
- AADM 6620 - Fundraising Event Planning - **Credits: 3**
- AADM 6621 - Grant Writing - **Credits: 3**
- AADM 6900 - Practicum in Arts Admin - **Credits: 1 - 3 (Variable)** (240 hours supervised internship) (maximum two per student)
- AADM 6090 - Arts Adm Ind Study - **Credits: 1 - 3 (Variable)**
- Museum Studies courses in the SUNO Graduate School (cross-enrollment)
- Approved alternative UNO graduate course

Thesis/Final Project Option

Students must choose either the thesis or the final internship and report option

Capstone internship degree requirements:

- Comprehensive exams in the areas of Development, Marketing and Legal
- AADM 6990 A supervised internship of 480 documented hours with an approved cultural institution (6 credit hours, including report and analysis). Credits may be taken in 1-6 credit levels depending on placement.
- Internship Report and Host Institution Analysis (non-thesis) presentation and committee defense

OR

Thesis Degree Requirements

- Comprehensive exams in the areas of Development, Marketing and Legal
- AADM 7000 - Thesis Research - **Credits: 1 - 6 (Variable)** plus the Thesis and committee defense.

Financial Aid

Graduate assistantships are available through the Program to a limited number of qualified applicants each year.

Limited scholarships are available.

English, M.A.

Program Overview:

The Master of Arts program in English is designed to develop the student's knowledge of literature and language and skill in literary research and criticism. The program provides training for teachers of English in secondary schools and colleges, as well as prepares students for further graduate study in the humanities, careers in professional writing, and other nonacademic professions.

Student Learning Outcomes

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

- Research/Writing/Analytical Skills
- Find relevant research materials, evaluate scholarly arguments, and contribute to scholarly conversations.
- Master the techniques and conventions of scholarly and/or professional writing.
- Acquire the critical and analytical skills appropriate to the contextualization and interpretation of diverse texts.
- Demonstrate a command of written English, including how to a) organize and present material in a cogent fashion, b) formulate and develop cohesive

arguments, and c) employ Students will develop mastery of the field of English studies, including knowledge of the principles of writing and argument; of the principles of criticism and/or theory; and of the substance and detail of many primary literary works in both British and American literature.

- Body of Knowledge
- Acquire a broad historical understanding of the analytical approaches, theoretical debates, and research methodologies relevant to their chosen concentration.
- Demonstrate familiarity with related fields outside of their chosen concentration-i.e., a well-rounded and up-to-date understanding of the study of literature, rhetoric, and writing as a whole.
- Professional Preparation
- Acquire a basic understanding of the professional opportunities afforded by the M.A. degree-including teaching, editing, publishing, and writing, and/or further graduate study.
- Acquire competence in the professional skills and practices necessary to pursue a career in one or more of these fields.

Admission

Admission is based on undergraduate GPA, and graduate GPA (if applicable), a writing sample, and a statement of purpose. Applications are accepted at any time; students may enroll in any semester.

Degree Requirements

The Master of Arts in English Program is available as either an onsite or fully online program. The program requires a total of 33 credit hours: 12 hours in core course, 9 hours in a concentration and 12 hours of electives. A minimum of 18 hours must be earned in English courses numbered 6000 and above. One three-hour ENGL 6397 - Directed Study may be counted toward fulfillment of this minimum requirement. For those students who choose to write a thesis, three hours of ENGL 7000 - Thesis Research will count toward the 18-hour requirement. The core courses are ENGL 6280; one course in British Literature numbered 5000 or above; one course in American Literature 5000 or above; one course in writing or rhetoric numbered 5000 or above.

All students admitted to the graduate program will be referred to the Coordinator of Graduate Studies in English, who will guide each student in selecting and following a sound program of study suited to his or her needs and level of preparation. This program may, in individual cases, involve more coursework than is specified in the general requirements for the degree.

All students must complete a portfolio, which can be completed in the student's final semester or after coursework is complete. Students should consult with the Graduate Coordinator when they are advised for registration to discuss what shape their portfolio should take.

History, M.A.

Program Overview:

The graduate program leading to the Master of Arts degree in history provides intensive training for well qualified students in both European and American history. It serves to prepare students for work elsewhere at the doctorate level, to provide training for teachers in the secondary schools, and to offer advanced study in the humanities for those interested in nonacademic professions.

Student Learning Outcomes

- Graduate students will demonstrate active participation within the historical and academic community, thereby building scholastic and career skills.
- Graduate students will demonstrate mastery of the basic skills of historical research and writing.
- Graduate students will produce scholarly material that incorporates advanced integration of scholarly material and research skills.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

admission to the graduate history program will be determined by the department upon the basis of the applicant's personal statement, undergraduate transcripts reflecting a high level of undergraduate achievement (typically, a GPA of 3.0 or above), and two letters of recommendation from professors with whom the applicant has studied. For application instructions, protective students should consult the department's website;
<http://history.uno.edu/grad/>

Degree Requirements

All candidates must complete a total of 30 credit hours, with at least 15 hours in courses at the 6000 level, a maximum of 12 hours at the 5000 level, and at

least 3 hours of thesis research.

Required Courses

Only grades of B or better will be accepted toward fulfillment of degree requirements. The department recommends enrolled students register every semester for HIST 6005 - Grad History Forum.

The program will culminate with a thesis that demonstrates an appropriate level of skill in historical research and writing, as well as a comprehensive oral examination designed to test the student's general knowledge of history.

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

At Least One History Seminar from the Following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Concentration in International and Global Studies

This concentration focuses on global, transnational and comparative approaches to the history of our increasingly interconnected world. In addition to the core history curriculum, a limited amount of interdisciplinary coursework that accentuates the interaction of states, societies, peoples and cultures over time will be deemed applicable. This concentration prepares students for both advanced graduate study and for careers in education, international organizations, government and the private sector. Students must complete a total of 30 credits hours and successfully defend a thesis.

Required Courses:

Students internships may be performed in the United States or, preferably, at an overseas campus or other location abroad. Candidates for the International and Global Studies concentration must be certified as having a reading and oral proficiency in one modern foreign language. As with the standard curriculum, the concentration will culminate with a thesis and a comprehensive oral examination.

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6201 - Seminar in World History - **Credits: 3**
- One additional 5000- or 6000 - level history course featuring significant international topics and material.
- Three additional 5000- or 6000-level courses in other disciplines. These courses must be designated by the History Department's Graduate Coordinator as featuring significant international topics and material relevant to the candidate's course of study.
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (3 hours) at the 5000 or 6000 level.
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

Concentration in Public History

The concentration in public history is available to students interested in the practice and presentation of history for a public audience, beyond the academy. This concentration does not preclude pursuit of a doctorate in history, but it is designed to provide history students with the opportunity to use New Orleans as a laboratory in which to develop skills for work in museums and other public venues. The curriculum for this concentration combines history coursework with courses in the theory and practice of public history, and a three-hour internship at a local museum, archive, or library. Students in this concentration must complete a total of 30 credit hours in one of two tracks, culminating with a thesis and a comprehensive oral examination.

Local & Community Track

This track allows students to focus on historical issues of local and community interest. In addition to other coursework, students will be placed in an internship position at a local institution with the help of the internship coordinator.

Required Courses

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
 - HIST 6002 - Methods & Research - **Credits: 3**
 - HIST 6008 - Intro Public History - **Credits: 3**

 - HIST 5008 - Public History Methods - **Credits: 3**
- OR

- HIST 5012 - Digital History
- HIST 5603 - Research in New Orleans History
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (6 hours) at the 5000 or 6000 level
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

One seminar from the following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Military Track

This track allows students to focus on issues pertaining to military history. In addition to other coursework, students will be placed in an internship position at a local historical museum or site with the help of the internship coordinator.

Required Courses

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**

- HIST 5008 - Public History Methods - **Credits: 3**
OR
- HIST 5012 Digital History

- HIST 5003 - Modern Military History - **Credits: 3**
- HIST 5565 - US Military History - **Credits: 3**
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (3 hours) at the 5000 or 6000 level
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

One seminar from the following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Romance Languages, M.A.

Program Overview

The Master of Arts in Romance Languages (French or Spanish Option) offers the student a concentration in one of two areas: language/culture/civilization or literature. The program prepares students for further graduate study leading to the degree of Doctor of Philosophy and provides training for teachers of French or Spanish in secondary schools and colleges. It also offers the opportunity for rigorous advanced study in the humanities to qualified persons for nonacademic professions.

Student Learning Outcomes

- Students will develop cultural, linguistic, and critical thinking skills in Romance Languages (Non thesis option).
- Students will develop cultural, linguistic, and critical thinking skills in Romance Languages (thesis option).

Admission

To be admitted to graduate studies in Romance Languages, a student must present a high standard of achievement in upper-level coursework in the target language (French or Spanish). In addition, the Foreign Language Department requires a statement of purpose written in the target language. Students with the bachelor's degree in fields other than French or Spanish may be admitted on a provisional basis to make up deficiencies.

Degree Requirements

- Language/Culture/Civilization
- 33 credits in course work with at least 15 in courses numbered over 6000 or 30 credits in course work with at least 15 in courses numbered over 6000, including up to 6 credits in thesis research.
- A "B" average in all courses.
- Satisfactory performance on a comprehensive examination (written and oral) which will test the student in three areas of linguistics/civilization and in one period of literature (areas and a period which he/she may select from those indicated in the Reading List for the Master of Arts comprehensive exam).
- Reading knowledge at the 2002 proficiency level of a second Romance Language (French, Spanish, Portuguese and Italian) or Latin.
- Literature
- 30 credits in course work with at least 15 in courses numbered over 6000, including up to 6 credits in thesis research or 33 credits in coursework with at least 15 in courses numbered over 6000.
- A "B" average in all courses.
- Satisfactory performance on a comprehensive examination (written and oral) which will test the student in three periods of literature and one area of linguistics/civilization (periods and an area which he/she may select from those indicated in the Reading List for the Master of Arts in comprehensive exam).
- Reading knowledge at the 2002 proficiency level of a second Romance Language (French, Spanish, Portuguese and Italian) or Latin.
- All students admitted to the graduate program will be referred to the Departmental Coordinators of Graduate Studies, who will guide each student in selecting and following a sound program of study suited to needs and level of preparation. This program may, in individual cases, involve more course work than is specified in the general requirements for the degree. For purposes of clarification, it should be understood that the descriptions of 6000-level courses in the pages below are only categorical and that narrowed topics are always chosen for study within these broad categories. The comprehensive examination is designed to test the candidate's knowledge of the language/culture/civilization or of the literature of his/her chosen field of study. The examination may be taken only after the candidate has passed the reading knowledge examination in a foreign language other than the major language area and has completed all of the course work. Ordinarily, the examination will be devoted to course work undertaken for the master's degree. The thesis is written under the supervision of an advisor assigned to the student by the Coordinators of Graduate Studies in Romance Languages. Credit for Romance Languages 7000 (Thesis Research) is granted only after the thesis has been approved by a committee appointed by the Graduate School and after the candidate has passed a one-hour oral examination on the thesis administered by this committee.

Financial Aid

Assistantships in the Department of Foreign Languages are available for a limited number of qualified applicants each year. Requests for application forms and for additional information should be addressed to the Coordinator of Graduate Studies in Romance Languages.

Sociology, M.A.

The Master of Arts degree in Sociology provides advanced training for students and serves the employment needs of the larger New Orleans community. The dual mission of the program prepares students to pursue doctoral work in sociology and/or assists students in furthering their career goals through developing and upgrading research and analytical skills. The department offers a comprehensive program in sociology with special concentrations in the sociology of gender and environmental sociology.

Student Learning Outcomes

- Students will demonstrate advanced knowledge and analytical skills in core theoretical and methodological paradigms and within at least one substantive area of specialization.
- Students are able to employ a range of techniques and methods used to gain sociological knowledge.
- Graduates will be critical readers of both basic and applied sociological research.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants will be reviewed on the basis of a good undergraduate record, three letters of recommendation, and satisfactory scores on the Graduate Record Examination. Students may also apply for graduate assistant positions. Students having the bachelor's degree in fields other than Sociology may be admitted, but are typically required to take an undergraduate theory course for which they receive graduate credit.

Degree Requirements

Master of Arts students in Sociology may pursue a traditional thesis option, an applied sociology option, or a non-thesis option.

Students who pursue the thesis option must complete a minimum of 30 hours of course work at the graduate level which includes a core of required courses and electives. They must prepare a thesis and pass an oral examination covering the thesis topic.

Students who pursue the non-thesis option must complete 36 hours of course work, including a required course in qualitative methods.

Students selecting the applied sociology option must complete 30 hours of credit, write a research report based on two semesters of work in a public or private organization and pass an oral examination covering the completed report.

Financial Aid

Teaching and research assistantships are available to qualified applicants each academic year, with a maximum appointment of two years.

Master of Arts in Teaching

Teaching, M.A.T.

Graduate Alternate Certification Pathway

The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a Master's degree program.

Master of Arts in Teaching

Programs of Study: The Masters of Arts in Teaching offers certification in early intervention (birth-5), elementary (grades 1-5), elementary/mild-moderate, secondary/mild-moderate, secondary (grades 6-12) in English, math, social studies, biology, chemistry, earth science, general science, and physics, early intervention (birth - age 5) and mild/moderate disabilities (grades 1-5 and 6-12). The mild/moderate disabilities certification is offered through an Integrated to Merged program which results in certification in mild/moderate disabilities and in elementary (grades 1-5), or secondary education (grades 6-12). Note that certification in secondary is specific to one content area.

The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, and a one-year residency as an intern or student teacher. Details of the program of study for each certification option may be found at the college website at www.uno.edu/colaehd

Admission: In addition to the admission requirements established by the Graduate School, which include an overall grade point average of 2.5, candidates must achieve passing scores on PRAXIS I as well as the relevant PRAXIS II subject assessment. PRAXIS I is not required for candidates with an ACT composite score of 22, or SAT (Reading/Writing and Math) combined score of 1100 or who already have a Master's degree. The College office must have official scores. All candidates must submit official transcripts from each college and university attended. One transcript with all transfer credits is not acceptable. All initial advising for this program occurs via the Education Advisors. Following initial advising, candidates are advised by a Faculty Advisor in the Department of Curriculum, Instruction, and Special Education for the duration of their program of study.

Field Experiences Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Field work is supported in two ways: through assigned work associated with individual classes and within the year of residency (9 credits) taken at the end of the program of study. Field experience opportunities support candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. All candidates must complete the year of Residency [student teaching (9 credits) or capstone internship (9 credits)] during the last year of the program of study. Candidates in Early Intervention, Elementary, Elementary/Mild-Moderate, Secondary Education, Secondary/Mild-Moderate will not be permitted to enroll in other coursework during the second semester of residency (student teaching/capstone internship). Residency for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany. More information on field experience requirements may be found at the college website at www.uno.edu/colaehd.

Requirements for Completing Program

All teacher certification programs in the College are performance-based. Candidates develop a professional portfolio to document the knowledge, skills, and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. All Praxis exams must be passed prior to the first semester of residency. More information on candidate assessment and program progression requirements may be found at the college website at www.uno.edu/coehd.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

PRAXIS Requirements for All Teacher Education Candidates

All candidates pursuing initial teaching certification must successfully pass three types of PRAXIS examinations prior to program completion and recommendation for certification. The point in time that the candidate takes each examination varies according to the certification program option pursued. The following describes when each PRAXIS test is taken:

PRAXIS I (Core Academic Skills for Educators)

Undergraduate Program: Must be passed prior to Admission to Tier II (Teacher Education Program)

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II

Undergraduate Program: Content Area taken must be passed prior to Tier III Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II (Principles of Learning and Teaching)

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Teaching, M.A.T.

Program Overview: The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor's degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a master's degree program.

The Master of Education (M.Ed.) degree is designed to offer candidates who already hold teacher certification an opportunity to address one or more advanced preparation objectives including the requirements of an add-on certification option, advanced preparation in their existing certification area, coursework addressing an advanced skill set, or additional training in one or more content areas.

Student Learning Outcomes

The student completing the M. A. T. in Curriculum and Instruction will demonstrate the following:

- Demonstrate content knowledge in certification area.
- Demonstrate appropriate dispositions to be an effective teacher.
- Demonstrate ability to design, implement and evaluate effective curriculum and instruction.

Admission

The prospective master's student must meet the admission requirements established by the Graduate School. In addition, applicants must hold a standard teaching certificate.

Degree Requirements:

The Master of Arts in Teaching offers certification in early intervention (birth-5), elementary (grades 1-5), elementary/mild-moderate, secondary/mild-moderate, secondary (grades 6-12) in English, mathematics, social studies, biology, chemistry, earth science, general science, and physics. The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, and one-year residency as an intern or student teacher.

Time Limit

Candidates employed as teachers with a Practitioners License (PL-3) must complete the MAT program within 4 years.

Field Experience Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Fieldwork is supported in two ways: through assigned work associated with individual classes and within the year of residency (9 credits) taken at the end of the program of study. Field experience opportunities support candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. All candidates must complete the year of residency [student teaching (9 credits) or capstone internship (9 credits) during the last year of the program of study. Candidates in Early Intervention, Elementary, Elementary/Mild-Moderate, Secondary Education, and Secondary/Mild-Moderate programs of study will not be permitted to enroll in other coursework during the second semester of residency (student teaching/capstone internship). Residency for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany.

Requirements for Completing Program

All teacher certification programs are performance-based. Candidates develop a professional portfolio to document the knowledge, skills and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. All Praxis exams must be passed prior to first semester of residency.

Students in the M.A.T. program in the Department of Curriculum, Instruction, and Special Education cannot count more than six hours of graduate coursework with a grade lower than a B toward their degree program. In addition, any master's student receiving more than six hours of graduate coursework with a grade lower than a B in their degree program shall be dropped from the program.

Independent study/substitutions courses are approved only under extenuating circumstances. Independent study/substitutions must be approved by the Assistant Dean prior to enrollment in the independent study/substitution course. M.A.T. candidates will be allowed a maximum of 6 hours of independent study/substitution courses within the degree program.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

Master of Education

Counselor Education, M.Ed.

Student Learning Outcomes

1. Students will obtain current theoretical knowledge in the core areas of counseling
2. Students will develop identities as professional counselors.
3. Students will be exposed to issues in multicultural counseling.
4. All Master's students will obtain a passing score on the master's level comprehensive exam.

Accreditation

The M.Ed. and Ph.D. programs are accredited by the Council for the Accreditation of Counselor Education and Related Educational Programs (CACREP).

Admission

Prospective master's degree students must meet the admission requirements established by the Graduate School. In addition, applicants must present a statement of purpose that provides a summary of educational and work experiences, academic and professional goals. In addition, selected applicants will be invited to group screening interviews. Master's degree applicants will be considered based on criteria developed and published by the faculty. Admission decisions are based on all criteria considered in relationship to the need of the program and number of students who can be reasonably accommodated.

Concentrations

Two concentrations are available in the master's degree programs in Counselor Education: Clinical Mental Health Counseling, and School Counseling. The Clinical Mental Health Counseling concentration prepares graduates to serve as counselors in the clinical mental health counseling context. The School Counseling concentration prepares graduates to serve as counselors in public, parochial, and private schools (pre-K through 12th grade).

Program of Study

The minimum total graduate semester credits required for the M.Ed. program is 60. Course requirements include 36 counseling core credits, six counseling emphasis area credits, six counseling elective credits, three credits in research, and a minimum of nine credit hours in field work.

Retention Standards

Students admitted to the master's degree program in Counselor Education must complete each of the following courses with a grade of B or better before they may enroll in the next course for which that course is a prerequisite: Counselor Education 6430, 6440, and 6896. Master's degree students will be dismissed for any of the following academic reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study; their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; or they fail the comprehensive examination twice.

Comprehensive Examination

Master's degree students must pass a comprehensive examination, which must be taken near the end of the student's degree program. The examination covers all of the core areas of the student's field of study.

Curriculum and Instruction, M.Ed.

Program Overview:

The Master of Education (M.Ed.) degree is designed to offer candidates who already hold teacher certification an opportunity to address one or more advanced preparation objectives including the requirements of an add-on certification option, advanced preparation in their existing certification area, coursework addressing an advanced skill set, or additional training in one or more content areas.

Student Learning Outcomes

- Students will analyze and critique knowledge in their area of concentration demonstrating theory-practice-research interaction.
- Students will plan and implement an action research project addressing a current educational issue.
- Students will synthesize and evaluate action research project
- Students will demonstrate effective oral communication skills required of a professional in the field.

Admission

The prospective master's student must meet the admission requirements established by the Graduate School. In addition, applicants must hold a standard teaching certificate.

Curriculum

The minimum requirement in the M.Ed. program is 36 credit hours that include 12 credit hours of required coursework and 24 credit hours in a specialty area. Specialty areas include Gifted, Early Intervention, English as a Second Language, Mild/Moderate, Reading Specialist, or Advanced Exploration. No more than 9 credit hours can be earned in 5000-level courses. Any M.Ed. candidate receiving more than six hours of graduate coursework with a grade of C or lower will be dropped from the program.

Each candidate is required to complete a minimum of 40 clock hours of field work associated with assignments in courses within the program of study. Candidates must develop an electronic portfolio aligned with professional standards to demonstrate their effectiveness as a teacher. Each candidate must also successfully complete the Mid-Program Assessment that includes a Research Paper and Oral Examination on a Contemporary Issue that demonstrates competency in theory-practice-research interaction. In addition, each candidate will complete a Final/Capstone Assessment consisting of an Action Research Project and Oral Examination. Two failures of the examination necessitate dismissal from the master's program.

Educational Leadership, M.Ed.

Student Learning Outcomes

- Students will demonstrate standards-relevant knowledge believed necessary for competent professional practice.
- Students will apply theory to problems of professional practice in educational settings.
- Students will demonstrate appropriate dispositions to be an effective school leader.

Admission

In addition to minimum Graduate School requirements applicants must possess a standard teacher's license, 3 years of teaching experience, provide a valid GRE score, a current resume, and letter of recommendation from the principal or district level supervisor. Admission decisions are based on all criteria considered in relationship to the need of the program and number of students who can be reasonably accommodated.

Degree Requirements:

The master's program in Educational Leadership prepares graduates for leadership positions in K-12 school settings. Successful completion of EDAD 6800 and EDAD 6805 (6 graduate hours) allows a teacher candidate to apply to the Louisiana State Department of Education for the "Teacher Leader Endorsement" to be added to their teaching certificate. After the first 6 hours, potential students are screened for admission into the 36 credit hour program of study which

results in a Master's Degree in Educational Leadership. Completers of the Master's Degree Program qualify to apply for certificate/license as an "Educational Leader Level 1".

The Educational Leader Level 1 is an entry-level license for individuals seeking to qualify for school and/or district leadership positions (e.g., assistant principals, principals, parish or city supervisors of instruction, supervisors of child welfare and attendance, special education supervisors, or comparable school/district leader positions). An individual can move from an Educational Leaders Level 1 to a Level 2 license upon completion of the Educational Leader Induction Program and the required years of experience. A Level 3 license qualifies an individual for employment as a district superintendent.

Curriculum

The Master of Education (M.Ed.) degree program in K-12 Educational Leadership requires 36 credit hours, including three hours of research. The Master of Education in K-12 Educational Leadership is an approved Educational Leader Level 1 certification program by the Louisiana Board of Elementary and Secondary Education. A Program of Study must be completed at the end of the student's first year of enrollment in the master's program.

Retention and Graduation Standards

To remain in the master's program, students must not accumulate more than two grades lower than a B and must meet all requirements of the Educational Leadership program. M.Ed. students must pass the Comprehensive Examination. The comprehensive exam cannot be taken more than twice.

Comprehensive Examination

M.Ed. degree students must pass a comprehensive examination, which must be taken near the end of the student's degree program. The examination covers all of the core areas of the student's field of study. The student must be enrolled at the University during the semester in which the Comprehensive Exam is taken and during the semester of graduation.

Time Limit

M.Ed. students must follow the Graduate School time limit for Master's degrees.

Higher Education Administration, M.Ed.

Program Overview:

The goal of the M.Ed. in Higher Education Administration program is to prepare generalist practitioners with a broad understanding of the role of educational leaders in postsecondary education. The program is designed for both recent college graduates and mid-career professionals seeking a program of study that focuses on multiple areas of educational leadership. Through reflective study designed to inform effective practice, the program will encourage students to apply what they learn in class to their current or future work as practitioners/administrators in colleges and universities.

Student Learning Outcomes

- Master's students will define the historical roots and philosophical assumptions underlying the formation of the higher education profession and demonstrate an understanding of higher education as a field of study and an institution in American society. In addition, students will understand the unique functional areas within higher education, their characteristics, and how to effectively lead in these areas.
- Master's students will demonstrate an understanding of the need for inclusive campuses, including the current organizational and societal issues and policies that can impact equity within higher education.
- Master's students will demonstrate an understanding of the needs of current students, the role of higher education in developing students, and how colleges and universities affect students.

Program of Study

The curriculum for the M.Ed. in Higher Education Administration is designed for completion in two years of study, including summer coursework. The 36-hour curriculum includes foundations and leadership courses (6 hours), professional practice courses (21 hours), an internship (3 hours), and two elective courses (6 hours), as described below.

Foundations and Leadership (6 Hours):

- EDAD 6600 - Amer College & University - **Credits: 3**
- EDAD 6681 - Org & Ldrship in Higher Ed - **Credits: 3**

Professional Practice (21 Hours):

- EDAD 6530 - Student Services High Educ - **Credits: 3**
- EDAD 6535 - College Student Development - **Credits: 3**
- EDAD 6675 - Current Issues in Higher Educ - **Credits: 3**
- EDAD 6684 - Teach Lrn Curr in Higher Ed - **Credits: 3**
- EDAD 6993 - Selected Topics in Educ Adm - **Credits: 1 - 3 (Variable)**
- EDFR 6675 - Assessment in Higher Education - **Credits: 3**
- EDFR 6700 - Educational Research - **Credits: 3**

Internship (3 Hours):

- EDAD 6695 - Internship in Higher Education - **Credits: 3**

Electives (6 Hours from the Following):

6 Hours from the following, or other disciplines related to student career goals:

- EDAD 6550 - The Academic Profession - **Credits: 3**
- EDAD 6605 - Community & Technical Colleges - **Credits: 3**
- EDAD 6610 - Legal Aspects of Higher Educ - **Credits: 3**
- EDAD 6615 - Financial Mang in Higher Educ - **Credits: 3**
- EDAD 6620 - History & Philosophy of Hi Ed - **Credits: 3**
- EDAD 6630 - Student Choice in Higher Educ - **Credits: 3**
- EDAD 6640 - College Teaching - **Credits: 3**
- EDAD 6645 - College Student Learning
- EDAD 6650 - College Curriculum - **Credits: 3**
- EDAD 6683 - Students in Higher Ed - **Credits: 3**

Master of Fine Arts

Creative Writing, M.F.A.

Student Learning Outcomes

- Students will produce high quality/publishable creative work in the genres of either fiction writing, poetry, nonfiction writing, playwriting or screenwriting.
- Students will demonstrate a sophisticated understanding of literary techniques in the genre of study.
- Students will demonstrate mastery of grammatical rules and display ability to edit texts at a professional level.
- Students will analyze and display an expertise in the literature of their genre. They will articulate clear and complex ideas on both classical and contemporary writing in their field of study.
- Students will demonstrate an understanding of the craft elements at work in classic and contemporary literature.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, an applicant is accepted for graduate work upon the recommendation of the creative writing faculty on the basis of clearly demonstrated skills in a creative writing genre, a personal statement, and three letters of recommendation. All applicants must identify the genre in which they plan to specialize and submit a portfolio of their writing in the genre (two plays of any length, a feature-length film script, two short stories or a 25-page novel excerpt, ten poems, two short nonfiction pieces, or a 35-page book excerpt).

Degree Requirements

Resident option

- Completion of at least 45 hours of Film and Theatre, and English courses.
- Fifteen hours of 6000-level course work in creative writing workshops, at least 12 of which will be in the thesis genre area. These required courses are: for fiction writing ENGL 6161; for poetry writing, ENGL 6163; for nonfiction, ENGL 6154; and for playwriting, FTA 6200. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Three hours in a craft seminar in their genre. These required courses are: for fiction writing, ENGL 6945; for poetry writing, ENGL 6943; for nonfiction writing, ENGL 6940; and for playwriting, ENGL 6946. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Any additional craft courses will count as electives.
- Three hours in ENGL 6154 - Non-Fiction Writing Workshop. For students whose genre is nonfiction writing, a workshop in a genre other than nonfiction is required in place of the three hours in ENGL 6154 required of students in the other genres.
- Nine hours in background literature courses. Fiction, poetry, and nonfiction writing students will be required to take this in the literature of their genre.
- Screenwriting and playwriting students must also take background courses in the literature of their genre, with the exception that up to six hours of this requirement may be taken in techniques courses in the Film and Theatre Arts Department.
- A grade of B or better in all required course work.
- Nine hours of electives. Chosen in consultation with the Director of Creative Writing, these elective hours will be expected to conform to a cohesive program of study.
- An overall GPA of 3.0 in elective courses.
- A creative thesis for which the student may receive six hours of preparation credit. The creative writing thesis will be prepared under the supervision of a committee approved by the Graduate School. The committee will ordinarily consist of three members of the graduate faculties of the departments of Film and Theatre and English. The thesis director and at least one other member must teach in the student's genre area.
- A comprehensive exam in the student's genre area that will be prepared, administered, and graded by the thesis committee. It will concern itself with the literature of the student's genre area.
- Students who hold master's degrees from other UNO programs may apply for admission, but upon acceptance they must meet all requirements for the M.F.A. degree listed above. However, only 9 hours from prior master's courses can count toward completion of the MFA, and all 15 required workshop hours must be conducted at UNO.

Financial Aid

Graduate assistantships are also available for qualified students in all Master of Fine Arts programs of study.

Online MFA

- The Online Master of Fine Arts is a unique option within the Master of Fine Arts in Creative Writing. Online Master of Fine Arts students take all their courses through distance learning, with the option of completing some coursework at one of UNO's summer study abroad sites. The program is a 45 hour terminal degree, with the curriculum centered on 18 hours of creative writing workshops, plus 12 hours of background courses, nine hours of electives, and six hours of thesis preparation; the required courses mirror the resident Master of Fine Arts degree.
- Completion of at least 45 hours of Film and Theatre and English courses.
- At least 27 hours of courses 5000 level and above must be taken online. The additional coursework may be completed in residence, through UNO Study Abroad.
- A total of 15 hours of creative writing workshops (including those taken in residence) must be completed, at least 12 of which will be in the thesis genre area. The required online workshops are: for fiction writing ENGL 6171 or ENGL 6191; for poetry writing, ENGL 6173 or ENGL 6193; for nonfiction, ENGL 6174 or ENGL 6194; and for playwriting, FTA 6207 or FTA 6209. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Three hours in nonfiction writing are required of all students. For students whose genre is nonfiction writing, a workshop in a genre other than nonfiction is required in place of the three hours of nonfiction writing required of students in the other genres.
- Three hours in a craft seminar in their genre. These required courses are: for fiction writing, ENGL 6941; for poetry writing, ENGL 6943; for nonfiction writing, ENGL 6944; and for playwriting, ENGL 6946. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Nine hours in background literature courses. Fiction, poetry, and nonfiction writing students will be required to take courses in which the literature of their respective genre comprises the majority of the assigned readings. Screenwriting and playwriting students must take background courses in the literature of their respective genre with the exception that up to six hours of this requirement may be taken in techniques courses in the Film and Theatre Arts Department.
- A grade of B or better in all required course work.
- Nine hours of electives. Chosen in consultation with the Director of Creative Writing, these elective hours will be expected to conform to a cohesive program of study. Any additional craft seminars beyond the one "in genre" required as outlined above will count as electives.
- An overall GPA of 3.0 in elective courses.
- A creative thesis for which the student may receive six hours of preparation credit. The creative writing thesis will be prepared under the supervision of a committee approved by the Graduate School. This committee will ordinarily consist of three members of the graduate faculties of the departments of Film and Theatre and English. The thesis director and at least one other member of the thesis committee must teach in the student's genre.
- A comprehensive exam in the student's genre area that will be prepared, administered, and graded by the thesis committee. It will concern itself with the literature of the student's genre area.
- Students who hold master's degrees from other UNO programs may apply for admission, but upon acceptance they must meet all requirements for the M.F.A. degree listed above. Moreover, only 9 hours from prior master's courses can count toward completion of the MFA, and all 15 required workshop hours must be conducted at UNO.

Film and Theatre, M.F.A.: Film Arts - Production concentration

Program Overview

Students may elect to concentrate in Film Arts---Production, Theatre Arts---Performance, or Design. The Department is accredited by the National

Association of Schools of Theatre. Master of Fine Arts programs in Theatre Arts reflect NAST's highest standards. The Master of Fine Arts is a terminal degree for students interested in pursuing careers in film production and theatre arts. Areas of specialization within the concentrations include filmmaking, acting, directing, and design.

Student Learning Outcomes

- students will demonstrate techniques within the discipline.
- students will be able to apply theory in written and oral form.
- students will be able to apply knowledge of their specialty within the discipline.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

an applicant is accepted for graduate work in film and theatre arts upon recommendation of the graduate committee based upon a bachelor's degree in film or theatre arts or clearly demonstrated skills and creative ability in their field. Applicants should submit least three letters of recommendation and evidence of their ability in the proposed area of specialization. Auditions, prompt books, portfolios, manuscripts, video tapes, films, and other appropriate presentations are to be submitted to the department when application for admission is completed.

In addition to the requirements of the Graduate School, the following must be met:

- Satisfactory completion of at least 60 hours of Film and Theatre Arts courses. With written permission of the department, the candidate may take up to six hours in a field outside the department.
- At the completion of 18 or more hours of course work the student will be evaluated by the graduate committee. If the first year review demonstrates sufficient progress, the student will be invited to continue in the program.
- A grade-point average of 3.0 or better is required in all course work.
- Normally students must be in residence at least two semesters taking a full load of at least nine hours each semester. Summer sessions may not apply. Under special circumstances this residency requirement may be waived by the department. Upon completion of one-half of the student's required work, his or her major professor will be designated by the department. Ordinarily this professor will serve as chairman of both the examining committee and the publicly presented creative thesis project.

MFA Core Degree Requirements

- FTA 6020 - Form & Idea in Media - **Credits: 3**
- FTA 6040 - Performance and Direction - **Credits: 3**
- FTA 6060 - Concept, Conflict & Character - **Credits: 3**
- FTA 6910 - Studio I - **Credits: 3**
- FTA 6911 - Studio II - **Credits: 3**
- FTA 6912 - Studio III - **Credits: 3**
- FTA 6005 - Graduate Studies Orientation - **Credits: 0**

Comprehensive Examination

Normally students may take the Comprehensive Examination no sooner than the term in which they have completed 36 hours of graduate credit. This examination will be both written and oral. At least three members of the graduate faculty, one of whom may be from a department other than Film and Theatre, appointed by the Graduate School, will administer the examination. Part of the examination will be devoted to questions based on the reading list and course work, and the remainder will be devoted to questions relating to the student's individual area of specialization.

Publicly Presented Creative Thesis Project

The thesis project will be prepared under the supervision of a committee appointed by the Graduate School. This committee will ordinarily consist of three members of the graduate faculty of the department. After successful completion of the comprehensive examination, the candidate will submit a written prospectus for a publicly presented thesis project. The research and execution of this project will normally take nine studio hours. The Master of Fine Arts thesis project is designed to test the student's skill and knowledge in his or her area of specialization. The project is subject to the graduate committee's approval.

Students who have earned graduate credits in film, theatre, video, or its equivalent from other institutions may apply for admission into the Master of Fine Arts program. However, the maximum allowable transfer credit must conform to the Graduate School's policy on extension and transfer credit. Transfer credit is subject to the graduate coordinator's recommendation and approval by the Graduate School.

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Fine Arts, M.F.A.

Program Overview:

The Master of Fine Arts program in Fine Arts is designed to provide professional training leading to a terminal degree in studio arts.

Student Learning Outcomes

- Professional Mastery of production modes - Students will master the production modes of their chosen medium in the context of contemporary artmaking by engaging in an independent and in-depth studio art practice.
- Conceptual Development - Concerted investigation of content in relation to material processes, conceptual concerns and contextual relationships to the state of contemporary art.
- Professional development as a practicing artist - Produce and verbalize a unified body of artwork through the installation of a professional level exhibition and thesis paper.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants must submit a portfolio of studio work. After a student has applied to the Graduate School, the application, images of work and letters of recommendation will be evaluated by the Committee on Graduate Studies of the Department of Fine Arts. Applicants who are admitted to the Fine Arts program will be assigned a sponsor by the Graduate Admissions Committee. The sponsor is a member of the Fine Arts Graduate Faculty who agrees to accept the responsibility of guiding the student through the program and who regularly teaches or exhibits professionally in the student's major area.

Students who are deficient in certain areas may be admitted on a conditional basis. They must complete both the regular requirements and fulfill the conditions imposed by the Committee on Graduate Studies.

Degree Requirements

Primary Focus

Select one of the following as a **primary focus area** from the list below and then enroll in it four times for a total of 12 credits during your first four semesters. **Credits: 12**

- FA 6201 - Graduate Photography - **Credits: 3**
- FA 6202 - Graduate Digital Art - **Credits: 3**
- FA 6203 - Graduate Sculpture - **Credits: 3**
- FA 6204 - Graduate Painting - **Credits: 3**
- FA 6205 - Graduate Printmaking - **Credits: 3**

Secondary Focus

Select one of the following as a **secondary focus area** from the list below and enroll in it two times during your first four semester OR students may select six credits of 5000+ electives outside the department. **Credits: 6**

- FA 6201 - Graduate Photography - **Credits: 3**
- FA 6202 - Graduate Digital Art - **Credits: 3**
- FA 6203 - Graduate Sculpture - **Credits: 3**
- FA 6204 - Graduate Painting - **Credits: 3**
- FA 6205 - Graduate Printmaking - **Credits: 3**

Required Courses

During the students 4th semester in the program, the Master of Fine Arts student's eligibility for graduate candidacy will be determined by the Committee on Graduate Studies, who will arrange for an oral examination and review of the student's artwork. Once a student is approved for candidacy they may proceed to the preparation of the written thesis and exhibition.

- FA 6799 - Independent Studio Practice - **Credits: 3**

(Enroll in this class two times.)

- FA 6301 - Art Colloquium - **Credits: 3**
(Enroll in this class two times.)
- FA 6401 - Critique Group - **Credits: 3**
(Enroll in this class two times.)
- FA 6998 - Media Strategies - **Credits: 3**
- FA 6999 - Professional Development - **Credits: 3**
- FA 5000 and above Art History classes - **Credits: 6**
- FA 6900 - Exhibition Design and Management - **Credits: 3**
(Enroll in this class two times.)
- FA 7000 - Thesis Research - **Credits: 3**
(Enroll in this class two times.)

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Program: Film and Theatre, M.F.A.: Screenwriting concentration

Program Overview:

The M.F.A. in Film and Theatre program provides professional training in areas of film and theatre arts through intensive, focused instruction that prepares students for advanced positions in their fields. Students apply and are admitted to one of five specializations: Film Production, Screenwriting, Theatre Design, Theatre Performance-Acting, and Theatre Performance-Directing.

Student Learning Outcomes:

- Develop a creative vision and apply appropriate stylistic choices
- Develop specific technical skills within the discipline and specialization
- Apply theory through written, oral, performative and/or cinematic form
- Identify and describe key concepts and trends related to various modes of production and performance

Admission Requirements:

In addition to meeting the minimum standards for admission to the Graduate School, an applicant is accepted for graduate work in film or theatre upon recommendation of the departmental graduate committee based upon a bachelor's degree in film or theatre or clearly demonstrated skills and creative ability in their field.

For Screenwriting: Applicants should submit a single-author feature screenplay (80-150 pages) or episodic teleplay writing of a minimum of 60 pages (a pilot episode, or several shorter episodes).

Core Requirements

- FTA 5110 - Scene Design - **Credits: 3**
- FTA 5500 - Film Development & Planning - **Credits: 3**
- FTA 5530 - Adv Proj in Film Production - **Credits: 3**
- FTA 5545 - Film Theory & Criticism - **Credits: 3**
- FTA 5566 - Sound I - **Credits: 3**
- FTA 6040 - Performance and Direction - **Credits: 3**
- FTA 6220 - Screenwriting for Production - **Credits: 3**
- FTA 6510 - Narr Film Prod - **Credits: 3**
- FTA 6511 - Equipment Lab - **Credits: 1**
- FTA 6520 - Narr Film Post Prod - **Credits: 3**
- FTA 6550 - Graduate Cinematography - **Credits: 3**
- FTA 6565 - Digital Theory Application - **Credits: 3**
- FTA 6580 - Directing the Narrative Film - **Credits: 3**

- FTA 6950 - Thesis Studio - **Credits: 3 - 6 (Variable)**
Take three times for a total of 9 credits.

Elective requirements

Select 5 of the following:

- FTA 5090 - Special Topics in FT - **Credits: 1**
- FTA 5093 - Special Topics in FT - **Credits: 1**
- FTA 5096 - Special Topics FT - **Credits: 3**
- FTA 5120 - Scene Painting - **Credits: 3**
- FTA 5125 - Dev. of Style and Form - **Credits: 3**
- FTA 5135 - Rendering Techniques - **Credits: 3**
- FTA 5140 - Costume Design - **Credits: 3**
- FTA 5150 - Development of Fashion - **Credits: 3**
- FTA 5160 - Lighting Crafts & Techniques - **Credits: 3**
- FTA 5170 - Lighting Design - **Credits: 3**
- FTA 5251 - Advanced Screenwriting - **Credits: 3**
- FTA 5300 - Advanced Voice for the Actor - **Credits: 3**
- FTA 5301 - Voice Stylization for Screen - **Credits: 3**
- FTA 5330 - Acting Styles - **Credits: 3**
- FTA 5333 - Combat Stage & Film - **Credits: 3**
- FTA 5380 - Stage Directing II - Advanced - **Credits: 3**
- FTA 5400 - Development of Theatre - **Credits: 3**
- FTA 5450 - Modern Theatre - **Credits: 3**
- FTA 5455 - Contemporary Theatre - **Credits: 3**
- FTA 5460 - Adv Documentary Production - **Credits: 3**
- FTA 5540 - History of Cinema I - **Credits: 3**
- FTA 5541 - History of Cinema II - **Credits: 3**
- FTA 5542 - History of Documentary Film - **Credits: 3**
- FTA 5551 - Spring Film Crew - **Credits: 1**
- FTA 5555 - Spring Film Production - **Credits: 3**
- FTA 5565 - Digitl Theory Appl Film/Video - **Credits: 3**
- FTA 5567 - Sound II - **Credits: 3**
- FTA 5568 - Special Topics Visual Effects - **Credits: 3**
- FTA 5570 - Advanced Film Acting - **Credits: 3**
- FTA 5575 - Advanced Film Postproduction - **Credits: 3**
- FTA 5580 - Film Directing - **Credits: 3**
- FTA 5591 - Film Styles & Genres - **Credits: 3**
- FTA 5600 - Producing - **Credits: 3**
- FTA 5830 - Advanced Stage Movement - **Credits: 3**
- FTA 5900 - Internship - **Credits: 3**
- FTA 6001 - Practicum in Production - **Credits: 3**
- FTA 6020 - Form & Idea in Media - **Credits: 3**
- FTA 6060 - Concept, Conflict & Character - **Credits: 3**
- FTA 6090 - Independent Study - **Credits: 3**
- FTA 6200 - Seminar in Playwriting - **Credits: 3**
- FTA 6220 - Screenwriting for Production - **Credits: 3**
- FTA 6240 - Writing the Thesis Script - **Credits: 3**
- FTA 6250 - Seminar in Screenwriting - **Credits: 3**
- FTA 6330 - Acting - **Credits: 3**
- FTA 6380 - Stage Directing - **Credits: 3**
- FTA 6560 - Direct Docum Film - **Credits: 3**
- FTA 6900 - Graduate Internship - **Credits: 3**

Master of Music

Music, M.M.

Program Overview:

The Department of Music offers the Master of Music degree with concentrations in Composition, Conducting (Choral or Instrumental), Jazz Studies, and Performances. The program of study requires a minimum of 33 graduate credit hours to include course work in the applied area, music theory, music history, electives in music, and participation in the graduate colloquium every semester of study. In addition all students must complete a graduate recital (Conducting,

Jazz Studies, Performance) or a half recital plus thesis (Composition).

Student Learning Outcomes

- Students will demonstrate advanced skills of artistic self-expression and knowledge of repertoire through the creation of high quality music.
- Students will demonstrate the ability to employ research methodology appropriate for the advanced study of music in order to synthesize its historical and theoretical contexts.
- Students will demonstrate skills requisite for advanced aural, verbal, and visual analyses of music.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants will need to provide an audition and interview are required. A person may be admitted as a non-degree seeking students and then change majors once the audition requirement is fulfilled. However, students with non-degree status are ineligible for financial aid.

Degree Requirements

- Completion of the Master of Music degree requires a minimum of 33 hours.
- At the end of the program, each student must successfully present a graduate recital appropriate for his or her concentrating.
- Students in the Composition concentration will also submit a large-scale original composition or a portfolio of shorter original compositions to the graduate school to complete the thesis component of this concentration.
- No thesis is required for students in the Conducting, Jazz Studies, or Performance concentrations.
- All courses are selected with the approval of the major advisor.
- Students must pass both written and oral comprehensive examinations during their final semester of study.
- Students are encouraged to participate in ensembles each semester of attendance. However, only 3 credits will apply toward degree requirements.

Core Curriculum

- MUS 6200 - Music Research Methods & Mater - **Credits: 3**
- Music History and/or Music Theory **Credits: 9**

(A Minimum of 3 Credits in Each Area)

- Applied Lessons **Credits: 9**
- MUS 6990 - Graduate Recital - **Credits: 3** (Conducting, Jazz Studies, Performance)
OR
- MUS 6950 - Half Recital - **Credits: 1**
- MUS 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** (Composition Only)
- Graduate Colloquium (Must be taken and passed every semester of study) **Credits: 0**
- Total core requirements **Credits: 24**
- Music Electives (selected from 5000- and 6000-level courses in consultation with major advisor) **Credits: 9**

Total Credit Hours for Degree: 33

Recommended courses of study for each concentration are available on the Music Department website at <http://www.music.uno.edu/>

Financial Aid

A limited number of graduate assistantships and scholarships are available to qualified students enrolling in the Master of Music degree program.

Master of Public Administration

Public Administration, M.P.A.

Program Overview:

The Master of Public Administration program is a professional degree for leaders and analysts in public and nonprofit organizations.

Student Learning Outcomes

- The program will ensure that all MPA graduates will have acquired the basic skills and knowledge required to function as leaders in the public and/or not-for-profit sectors.
- Students will demonstrate competence in conducting research in the discipline and communicating the result effectively.
- Student demonstrates they can: Formulate a mission statement for an organization Analyze the structure of an organization using appropriate theories and concepts Understand how important contextual factors (internal and external) influence management within the organization.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants must provide 3 letters of recommendation from individuals with knowledge of their professional or academic background, a resume, and a personal statement.

Degree Requirements

Prerequisites

- Economics - Micro or Macro (3 hrs)
- Political Science or American Government (3 hrs)
- Unmet prerequisites should be made up early in the program.

Overview

- 42 total hours needed to complete the degree (excluding deficiencies or prerequisites)
- 27 hours of required courses
- 9 hours of electives
- 6 hours of thesis research and a thesis, or 6 hours of capstone courses and a final project. All masters students must include at least 15 hours of courses numbered 6000 or above in their programs of study.

Required Courses

- PADM 6001 - Rsch Methods - Public Adm - **Credits: 3**
- PADM 6010 - Profession of Public Admin - **Credits: 3**
- PADM 6020 - Bureaucracy and Democracy - **Credits: 3**
- PADM 6110 - Public Budgeting - **Credits: 3**
- PADM 6160 - Law and Ethics of Pub Admin - **Credits: 3**
- PADM 6401 - Administrative Behavior - **Credits: 3**
- PADM 6180 - HR Admin in the Pub Sector - **Credits: 3**
- PADM 6410 - Tech in Public Organizations - **Credits: 3**
- PADM 6201 - Policy Analysis and Prog Eval - **Credits: 3**

Thesis/Final Project Option

Students must choose either the thesis or the final project option

Thesis Option

- PADM 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** plus the thesis
Thesis students may take Capstone I in lieu of three hours of thesis research.

Final Project Option

This is an applied project completed in conjunction with a public service job or internship while enrolled in

- PADM 6901 - MPA Capstone I - **Credits: 3**
- PADM 6902 - MPA Capstone II - **Credits: 3**

Nonprofit Leadership Concentration

The MPA program offers a concentration in nonprofit leadership (NPL). The concentration consists of 15 hours: NPL students must complete the following courses which are currently offered under the Special Topics course

- PADM 4800 - Spec Studies-Urban Problems - **Credits: 3**
- PADM 5222 - Legal Ethical / Issues - **Credits: 3**
- PADM 5223 - Fin Adm & Dev Nonprft - **Credits: 3**
- PADM 5220 - Nonprofit Sector - **Credits: 3**
- PADM 5221 - Collaboration - **Credits: 3**
- PADM 5224 - Nonprofit Leadership - **Credits: 3**

Options

NPL students must also choose the thesis or non-thesis (final project) option. Thesis students may take

- PADM 6901 - MPA Capstone I - **Credits: 3**
- PADM 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

Master of Science

Accounting, M.S.

Student Learning Outcomes

- Students will demonstrate proficiency in Accounting Theory and Managerial Accounting.
- M.S. Accounting students will demonstrate business planning acumen.
- Students will demonstrate proficiency in conducting accounting research and in writing.

Program Overview

The M.S. in Accounting program is designed to prepare students for careers in various areas of professional accounting. It also helps persons already employed in accounting positions to advance in their careers. The program also serves as a foundation for more advanced studies, such as the Ph.D. degree. For students desiring a greater specialization in accounting information systems auditing, or finance, concentrations in these areas are offered within the Master of Science in Accounting program.

Admission Requirements

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants to the Master of Science programs should have an academic record which clearly indicates a high level of achievement. In addition, the applicant should submit satisfactory scores on the Graduate Management Admission Test (GMAT) and an undergraduate GPA of at least 2.8. The admissions committee may consider other factors such as work experience in making a determination for admission. Applicants must be advanced in English comprehension and be able to participate in class discussion. Additional coursework in English may also be required.

Preparatory Courses

The graduate programs build on the students' technical competence in undergraduate accounting and business courses. To provide a background for successful study at the graduate level, a series of preparatory courses or their equivalents must be completed before enrolling in courses for graduate credit. Students with a non-business undergraduate degree should expect to take the bulk of the preparatory courses before admission to the graduate program.

The specific undergraduate foundation courses are from the areas of accounting, economics, finance, management, marketing, and statistics*. These courses do not have to be completed at UNO, but a C or better grade is required in each*. The Master of Science degree in accounting requires 43-48 credit hours of these specific preparatory courses while the Master of Science in Tax Accounting degree requires 36-42 credit hours.

*See department for specific courses. The Business courses may be taken at the 4400 level to reduce the total number of hours.

Degree Requirements

The Master of Science programs in accounting require 30 hours of graduate course work. A minimum of 21 hours of these classes must be at the 6000 level. Depending on a particular curriculum, this will permit a student to use up to nine hours of 5000 classes toward his/her degree. Each student must also have at least 15 hours of 6000 level accounting classes. Included in that total there must be at least 12 hours of 6000 level accounting classes other than ACCT 6126 ACCT 6167 and ACCT 6168

Only classes numbered 5000 and 6000 can be used toward the total credits for the Master of Science programs.

Required accounting courses

- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- Approved accounting electives **Credits: 12 ***

Approved Electives

- Accounting or other business administration courses **Credits: 6**
- Free Elective **Credits: 3**

Total Credits Required: 30

Accounting Information Systems Concentration

Required courses

* See department for specific courses and see "degree requirements" above.

- ACCT 5142 - IT Audit & Adv Acct Info Sys - **Credits: 3**
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6143 - Sem Accounting Info System - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- MANG 6710 - Innovation Management - **Credits: 3**
- OR
- MANG 6730 - Business Information Systems Analysis and Design **Credits: 3**
- Approved accounting electives **Credits: 6 ***
- Approved Accounting or other Business Administration Courses **Credits: 6**

Total Credits Required: 30

Auditing Concentration

Required courses

- ACCT 5162 - Advanced Auditing - **Credits: 3**
- ACCT 6167 - Internal Auditing Concepts - **Credits: 3**
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6169 - Fraud Examination - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- ACCT 6163 - Seminar in Auditing - **Credits: 3**
- OR
- ACCT 6168 - Internal/Operational Auditing - **Credits: 3**
- Approved accounting electives **Credits: 3**
- Approved electives*
- Non-Accounting course **Credits: 3**
- Accounting or other business administration course **Credits: 3**

Total Credits Required: 30

Finance Concentration

Required courses

*See the department for specific courses.

**To be selected from any 5000 or 6000 level Finance course except:

- A thesis course, or
- A directed study course
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- Approved accounting electives **Credits: 9 ***
- Approved business electives (including accounting) **Credits: 3 ***
- Approved finance course **Credits: 3 ****

Total Credits Required: 30

Applied Physics, M.S.

The Physics Department offers the MS degree in Applied Physics. The program is flexible enough to accommodate students planning on continuing graduate studies in applied physics, physics, or an interdisciplinary field, as well as students intending to enter the work force.

The department currently has strong research programs in theoretical and computational aspects of acoustics, geophysics, electromagnetics, continuum mechanics, and astrophysics. Excellent experimental research activities are being conducted in condensed matter and materials physics, magnetism, spintronics, surface physics, and observational astronomy.

The department also participates in the Doctor of Philosophy in Engineering and Applied Science program. Interested students should refer to the beginning of this Graduate Programs in Sciences section for a description of the program, admission criteria, and curricular requirements.

Student Learning Outcomes

- Students will be able to apply advanced concepts in electrodynamics, classical mechanics, thermodynamics, and mathematical methods to real-world research problems.
- Students will be able to communicate scientific research results and related physics concepts in oral and written form.
- Student will be able to independently design and conduct experimental and/or computational physics research projects including data acquisition, computer simulations and analysis.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants should have undergraduate coursework in general chemistry, mathematics through differential equations, and classical physics. Strong applications have an education record with a high level of performance and promise, particularly in the field of physics. Applicants must submit valid GRE scores.

Degree Requirements

Entering students can choose to follow a targeted applied physics emphasis or a traditional applied physics emphasis for their degree. Students who choose a targeted emphasis are those preparing for a career which targets specific areas of applied physics such as materials science, optics, acoustics, or geophysics, and those planning to work in interdisciplinary areas such as computational physics (scientific computing), biophysics, chemical physics, physical oceanography, or engineering physics. This emphasis selection provides excellent preparation for interdisciplinary doctoral studies. Entering students choosing this emphasis are not necessarily expected to have completed all the courses that an undergraduate physics major takes, but they should have a good grounding in classical physics or be willing to make up deficiencies. Additional classical physics courses are expected to form part of the degree program. The student may choose to do 24 hours of coursework and a thesis, or 33 hours of coursework and no thesis. The graduate work must include at least 18 hours of physics (including thesis if a thesis is done) and 9 hours in a specialty area (which may be applied physics). At least 18 hours of work must be at a level of 6000 or above. The program of study must be approved by the student's Master's committee or the Department Graduate Advisory Committee.

The traditional emphasis is for those preparing for a career in which basic physics plays a central role, including those aspiring to employment heavily dependent on physics and those planning to continue into a Doctor of Philosophy program in applied physics or in physics. Except in limited unusual circumstances, the student is expected to do a thesis and 24 hours of course work. Of the 24 credit hours of coursework students selecting this emphasis are expected to take a minimum of 18 hours in physics of which at least 12 are taken in courses numbered above 6000. The program of study must be approved by the student's Master's committee or the Department Graduate Advisory Committee.

Each graduate student is expected to participate in the weekly seminar, PHYS 6198. (A maximum of one hour credit in PHYS 6198 may be used to satisfy program requirements.) After coursework is substantially complete, the candidate will be required to take a comprehensive examination. In the case of students who elect to do a thesis, the comprehensive examination will be an oral one in which the questions will be primarily on the thesis and related matters. Both emphasis choices offer excellent preparation for the interdisciplinary UNO Doctor of Philosophy program in Engineering and Applied Science, of which Physics is a strong participating department.

Financial Aid

Teaching assistantships are available to a limited number of qualified applicants. Research assistantships and fellowships supported by grant funds of individual faculty members are also available.

Biological Sciences, M.S.

Program Overview:

The Master of Science in Biological Sciences prepares students for employment in a variety of careers (biomedical technician, natural resource manager, biology education) or for further study towards graduate or professional degrees. The program features coursework and research opportunities in areas ranging from cellular and molecular biology to ecology and environmental biology.

Student Learning Outcomes

- Present effective oral and visual summaries of independent research.
- Orally explain the rationale, design, and analysis of a scientific study to a general scientific audience.
- Demonstrate mastery of concepts and experimental approaches in a specific area of biology appropriate to the student's interests.

Admission:

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be asked to provide additional material. For applicants to the non-thesis option, 1 recommendation letter from a professor familiar with the academic potential of the applicant is required along with a statement of purpose outlining professional and academic goals. For applicants to the thesis option, a statement of purpose outlining professional and academic goals, a current resume/CV and three recommendation letters are required.

Degree Requirements

Master of Science students are required to complete a minimum of 30 credit hours beyond the baccalaureate degree. The course requirement provides students with basic understanding and skills in the Biological Sciences, while allowing individuals to tailor the specific coursework to meet their needs. Two options are available: Thesis Option (Student pursuing Evolution/Ecology or Molecular Biology/Biochemistry concentration) or Non-thesis Option (students pursuing Biomedical concentration).

Thesis Option

Courses are selected in consultation with the student's advisor and must satisfy the following requirements:

- 6 credit hours of Thesis Research (BIOS 7000).¹
- 6 credit hours of 6000-level coursework.^{2,3}
- 4 credit hours of Graduate Seminar (BIOS 6091).⁴
- The remaining 14 credit hours must be 5000 or 6000-level.²
- A minimum of 12 of the 24 non-thesis credit hours must be in the Department of Biological Sciences.

¹Students generally enroll in BIOS 7000 every regular semester in residence, but only 6 credit hours may count toward the 30 credit hour degree requirement.

²A maximum of 3 credit hours of BIOS 6090 may count toward the degree.

³May not include BIOS 6091.

⁴Students are expected to enroll in BIOS 6091 every regular semester in residence.

Students must maintain a cumulative GPA of 3.0 (on a 4.0 scale) in all required coursework. Any course in which a student earns a C will be reviewed by the graduate committee to determine whether it will count toward the degree requirements. In no case, will more than 6 credit hours of C be applied to the degree requirements.

Up to 10 hours of graduate-level credit taken previous to admission into the M.S. program may be applied towards the 30 hours required for the M.S. degree, subject to approval by the student's advisory committee, the graduate coordinator, and the Graduate School.

Advisory Committee

Each M.S. student has an advisory committee that directs the course work and research. In the first semester in the Master of Science program, the student selects a faculty member from the Department of Biological Sciences to serve as chair of the advisory committee. By the end of the second semester, the advisory committee is expanded to a minimum of three members. Members of the advisory committee must be members of the graduate faculty and at least half must be from the Department of Biological Sciences.

Students will submit annual reports documenting progress in the program, which will be evaluated by the graduate committee. A Candidate Plan of Study that includes coursework completed, in progress, and remaining, must be approved by the graduate coordinator and submitted to the graduate school no later than the semester prior to the completion of the degree.

Thesis

The Master of Science degree requires a thesis embodying original research in a specialized area. The thesis must be presented in a seminar open to the public, defended in an oral final examination, and approved by the student's advisory committee. After the defense, the thesis is revised according to committee recommendations and approved by the College of Sciences and the Graduate School.

Non-Thesis Option

The Non-Thesis Master of Science Degree Program provides students the option of obtaining an M.S. degree in Biological Sciences with a concentration in Biomedical Sciences. The program requires coursework, an internship in research or the health professions, and a capstone scholarly research paper and oral presentation.

Course Requirements

The 30 credit hour coursework requirement must include a minimum of 15 credit hours of courses numbered 6000 or above and a minimum of 18 credit hours in Biological Sciences. These must include 1 credit hour of Graduate Seminar (BIOS 6091), 2 credit hours of internship (BIOS 6002), 3 credit hours at the Capstone Course (BIOS 6003), and the Biological Sciences core courses (12 credits. see below) The remaining 12 credit hours are selected by the student in consultation with the program director and will be subject to approval by the Department of Biological Sciences.

Curriculum Summary

¹ If a student has earned credit as an undergraduate for one or more of these courses (equivalent to BIOS 4103, BIOS 4113, and BIOS 4153), then the number of elective hours will increase accordingly because students cannot earn credit for the same class twice. These electives must be at the 5000 level or above.

² Electives may be chosen from any discipline relevant to health sciences. A minimum of 6 credit hours of elective credit must be at the 6000 levels.

Advisor/Committee: Prior to entering the program, and at regular intervals thereafter, students will meet with the program director who will advise students on elective coursework, internships, and progress through the program.

Examination Report: An Examination Report must be presented to the Graduate School as evidence of completion of the Master's degree Capstone Course.

Core:

- BIOS 5103 - Biochemistry I - **Credits: 3** ¹
- BIOS 5113 - Biochemistry II - **Credits: 3** ¹
- BIOS 5153 - Molecular Biology - **Credits: 3** ¹
- BIOS 6113 - Advanced Cell Biology - **Credits: 3**
- BIOS 6091 - Graduate Seminar - **Credits: 1**
- BIOS 6002 - Internship Health Professions - **Credits: 1 - 2 (Variable)**
- BIOS 6003 - M.S. Capstone Project in BIO - **Credits: 3**
- Electives² **Credits: 12**

Chemistry, M.S.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in physical chemistry or areas related to their thesis research and area of specialty and will be capable of applying these concepts in order to analyze new topics or material.
- Graduate students will acquire an advanced understanding of concepts in physical chemistry and a minimum of 2 subdisciplines outside of physical chemistry (Analytical, Biochemistry, Inorganic, Organic, Materials, Medicinal) through completion of graduate level coursework. An advanced understanding includes the ability to apply knowledge and analyze information.
- Graduate students will be able to explain and analyze in technical written and oral formats an advanced understanding of a current topic in the chemical literature.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be asked to provide two letters of recommendation from faculty familiar with the academic and research potential of the applicant.

Degree Requirements

Thesis Option

The minimum requirement for the degree of Master of Science is 30 credit hours of graduate course work. At least nine hours must be concentrated in one of the divisions of chemistry. In addition, a minimum of six hours must be taken across two other chemical divisions. With the approval of the student's thesis advisor, the additional three hours may be taken in graduate level non-chemistry courses. Also required for the Master's degree are six hours of /thesis research (at the 7000 level), and two hours of credit in CHEM 6095 - Seminar for a total of 30 semester hours. For graduate course work, the candidate must maintain an overall B (3.0) average, a B (3.0) average in the major area. Each student is required to prepare and present one literature seminar, the subject of which is to be taken from the current research literature and is not to be directly related to the student's present or previous research. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. Each student must present the seminar no later than the fourth semester in the program (excluding summer semesters). Courses at the 5000-level can only be used for graduate credit with the approval of the student's thesis advisor and the department chair.

Curriculum Summary

- CHEM Courses 5000-6000 level **Credits: 15** (CHEM 5310 or CHEM 5311 required)
- CHEM 6095 - Seminar - **Credits: 1** (required; may be taken for credit a maximum of 3 times)
- Elective Courses (5000 or above) **Credits: 3**
- Thesis Research (7000 and 7025) **Credits: 9**

Advisory Committee

Each M.S. student has an advisory committee that directs the course work and research. In the first semester in the Master of Science program (Thesis Option), the student selects a faculty member from the Department of Chemistry to serve as chair of the advisory committee. By the end of the second semester, the advisory committee is expanded to a minimum of three members. Members of the advisory committee must be members of the graduate faculty and must be from or affiliated with the Department of Chemistry.

MS Thesis

Students will submit annual reports documenting progress in the program, which will be evaluated by the graduate committee. A Candidate Plan of Study that includes coursework completed, in progress, and remaining, must be approved by the graduate coordinator and submitted to the graduate school no later than the semester prior to the completion of the degree.

The Master of Science degree (Thesis Option) requires a thesis embodying original research in a specialized area. The thesis must be defended in an oral final examination, and approved by the student's advisory committee. The defense will serve as the Master of Science (Thesis Option) degree milestone. After the defense, the thesis is revised according to committee recommendations. Once approved the committee signs the Thesis Approval Form and the final version is uploaded for review and approval by the Graduate School.

Master of Science in Chemistry (Non-Thesis Option)

The Master of Science in Chemistry (Non-Thesis Option) Degree Program provides B.A. and B.S. degree students with an option of obtaining a M.S. degree based upon completion of program of academic coursework in advanced chemistry.

Program Limitations and Constraints

Students admitted to the Master of Science in Chemistry (Non-Thesis Option) Degree Program are not eligible for financial support from the Department of Chemistry in the form of a graduate assistantship or fellowship.

Students admitted to the Master of Science in Chemistry (Non-Thesis Option) Degree Program may not directly transfer into the Ph.D. program but may apply to the Ph.D. in Chemistry at any time. Admission into the Ph.D. program will be based on the merit of the applicant as compared to the applicant pool for that semester.

Advisor/Committee

An advisor will be assigned to the student based on his or her area of interest. The Advisor will be a member of the Chemistry Department and will monitor academic progress. The advisor will guide the student through the academic aspects of the program, serve as liaison to the Department and the Graduate School, and serve as the Chair of the Non-Thesis Project Review Committee. The Advisor will select two additional faculty members to serve on the review committee. Members of the review committee must be members of the graduate faculty and must be from or affiliated with the Department of Chemistry.

Non-Thesis option

The minimum course work requirement is 30 hours for the Master of Science in Chemistry (Non-Thesis Option) Degree Program. Graduate credit is awarded for courses numbered 5000 and above. As a minimum, a student must present at least 15 semester hours of work in courses numbered 6000 or above.

Students must complete a minimum of 18 hours in Chemistry. In addition, a total of 2 credit hours of CHEM 6095 - Seminar are required. The student must be registered for CHEM 6095 the semester they plan to graduate.

Elective courses must be numbered 5000 or above and may come from areas outside of chemistry. All elective courses to be used for the MS degree in Chemistry must be approved by the Department of Chemistry.

Curriculum Summary

- CHEM Courses 5000-7000 level **Credits: 18** (CHEM 5310 or CHEM 5311 required)
- CHEM 6095 - Seminar - **Credits: 1** (required; may be repeated for credit a maximum of 3 times)
- Elective Courses (5000 or above) **Credits: 9**

Application for Candidacy

Students should apply for candidacy after 15 hours have been completed. Candidacy applications must be submitted the semester prior to semester in which the student will be graduating.

Non-Thesis Project

Each student is required to prepare and present a literature seminar as the Non-Thesis Project. The subject matter of the seminar is to be taken from the current chemical/biochemical research literature. The student's Advisor must approve the topic. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. The student must present their seminar the semester they intend to graduate. The presentation of the seminar will serve as the milestone requirement for the Master of Science Degree in Chemistry (Non-Thesis Option) and will be judged by the students' Advisor/Committee as pass or fail.

Master's Examination Report

A Master's Examination Report, signed by the Advisory Committee, must be presented to the Graduate School as evidence of completion of the master's degree milestone (non-thesis project). The report is due the last week of the month preceding Commencement.

Computer Science, M.S.

Program Overview:

The Department of Computer Science offers a program of study leading to the degree of Master of Science. The program is designed to be flexible enough to accommodate the needs of two kinds of students: those who have recently completed an undergraduate degree in computer science and want to further their education, and those practicing professionals who want to acquire specific academic experience relevant to their work.

Student Learning Outcomes

- Students will have in-depth knowledge in one of the eight subfields of computer science (theoretical computer science, systems and network, software

systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence). Students will also acquire basic knowledge in three different subfields in addition to their in-depth subfields. The computer science graduates will be able to communicate the acquired knowledge in written form.

- The computer science graduates will have the ability to communicate the acquired knowledge in at least one of the eight computer science subfields (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence) effectively in oral form.
 - Students will have the ability to analyze complex computational or software developmental problems and synthesize solutions with implementations by applying acquired knowledge in three of the eight computer science subfields (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence).
- In addition to meeting the minimum standards for admission to the Graduate School

admission to the master's degree in computer science will be determined by the department on the basis of undergraduate academic record, three letters of recommendation, statement of purpose. Admission to the program generally requires a mathematical background equivalent to MATH 2111, MATH 2112 (Calculus with Analytic Geometry) and MATH 3721 - Intro to Discrete Structures; and a computer science background including the equivalent of CSCI 1583 - Software Design and Development I, CSCI 2120 - Software Design II, CSCI 2125 - Data Structures, CSCI 2450 - Machine Structure and Assembly Language Programming, CSCI 3301 - Computer Design & Organization, and two upper-division courses. Students not meeting these requirements may be admitted to the program on a conditional basis, and must fulfill conditions imposed by the department in addition to the regular requirements for the degree. Students with bachelor's degrees in fields other than computer science may be admitted on a conditional basis.

Degree Requirements

The department offers both thesis and non-thesis options in the master's program. All candidates for the master's degree must satisfy the following background, breadth, and depth requirements.

No course may be counted toward the satisfaction of more than one of these requirements.

- Background requirement: the equivalent of CSCI 5401 and CSCI 5501. Students who have not completed this requirement prior to enrollment are required to do so, for credit, as part of their curricula.
- Breadth requirement: students must take one 6000-level course that counts toward the degree requirements (three semester hours) in each of three different concentration areas as listed below.
- Depth requirement: students must take three additional courses that count toward the degree requirements (nine semester hours), of which at least two must be at the 6000-level. All courses must belong to the same concentration area (see list below). This concentration area must be different from the ones chosen to fulfill the breadth requirement.

The concentration areas, with specific sub-disciplines falling under each area, are given in the following table. A detailed list of courses included in each area can be obtained from the department.

Theoretical Computer Science and Programming Languages

- Computability
- Analysis of Algorithms and Complexity
- Formal Languages and Automata
- Combinatorics and Graph Theory
- Formal Semantics and Type Theory
- Logic
- Programming Languages
- Compiler Construction

Systems and Network

- Operating
- Hardware Architecture
- Parallel and Distributed Systems
- Networks
- Protocols

Software Systems

- Algorithm Design
- Data Structures
- Programming Methodologies
- Software Engineering
- Distributed Software Engineering
- Software Architectures
- Software Components

Information Assurance

- Defense of information and information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation.
- Cryptology
- Computer Security
- Information Protection
- Secure Information Exchange

Database Systems and Distributed Applications

- Data Modeling
- Database Systems and Distributed Database Systems
- Data Query Languages
- Programming and Architectures for the Web
- Spatial Database Systems
- Data Mining
- Mobile Computing

Computer Graphics and Visual Computing

- Computer Graphics
- Image Processing
- Data Visualization
- Visual Programming Languages
- Computational Geometry

Artificial Intelligence

- Robotics
- Computer Vision
- Pattern Recognition
- Evolutionary Computing
- Expert Systems
- Machine Learning
- Data Mining

Other Requirements

All graduate students completing the master's degree must maintain a minimum of B grade in all 5000-level courses, and a minimum 3.0 average in all courses taken to satisfy the degree requirements.

Students completing the master's degree with a thesis are required to submit an acceptable thesis and give a satisfactory defense of the thesis. Thirty semester hours are required, no more than six of which may be thesis credit. No more than nine hours may be at the 5000 level. Up to six hours may be taken in graduate courses outside of Computer Science upon prior approval by the department. Students choosing Information Assurance as their concentration must select the thesis option.

Students completing the master's degree without a thesis are required to give a satisfactory performance in a comprehensive examination covering course work. 36 semester hours are required, no more than 12 of which may be at the 5000 level. Up to nine hours may be taken in approved graduate courses outside of Computer Science upon prior approval by the department.

All graduate assistants are required to participate in the weekly departmental seminar.

Cybersecurity & Operations, MS

The Master of Science in Cybersecurity & Operations degree requires a minimum of 30 credit hours, and offers thesis and non-thesis options. All students must earn a minimum of 15 credit hours from eligible 6000-level courses.

Prerequisites

To enter the program, a student must have completed a four-year baccalaureate degree recognized by the University of New Orleans. A student must have successfully completed the following three UNO courses or their equivalent at another institution.

- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 4621 - Intro Cyber Security - **Credits: 3**

Students who do not meet the prerequisites can begin their program by taking the corresponding 5000-level section of these courses, subject to their

respective requisites:

- CSCI 5311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 5401 - Principles Operating Systems I - **Credits: 3**
- CSCI 5621 - Intro Cyber Security - **Credits: 3**

Supporting Courses

Up to 12 credits maximum.

Students who have taken for credit the corresponding undergraduate courses at UNO or the equivalent at institution cannot take the corresponding 5000-level section for credit towards the degree.

- CSCI 5130 - Intro Cryptography - **Credits: 3**
(Students must either have undergraduate credit for CSCI 4130 or equivalent, or must complete either CSCI 5130 Intro to Cryptography, or CSCI 6626 Advanced Cryptography.)
- CSCI 5402 - Principles Operating Systems II - **Credits: 3**
- CSCI 5460 - Network Op & Defense - **Credits: 3**
- CSCI 5622 - Reverse Engineering - **Credits: 3**
- CSCI 5623 - Digital Forensics - **Credits: 3**

Core Cybersecurity Courses

12 credits minimum required.

- CSCI 6621 - Network Security - **Credits: 3**
- CSCI 6625 - Network Penetration - **Credits: 3**
- CSCI 6663 - Software security - **Credits: 3**

Breadth Courses (6000-level) SYSTEMS

Students can take up to five 6000-level courses (15 credit hours) towards satisfying the degree requirements from the **two categories of Breadth Courses, SYSTEMS and ALGORITHMS**.

If two or three Breadth courses are taken, then at least one of each of the two categories must be present.

If four or five Breadth courses are taken, then at least two of each of the two categories must be present.

- CSCI 6350 - Dev of Distributed Software - **Credits: 3**
- CSCI 6450 - Principles Distributed Systems - **Credits: 3**
- CSCI 6452 - Cloud Computing - **Credits: 3**

Breadth Courses (6000-level) ALGORITHMS

Students can take up to five 6000-level courses (15 credit hours) towards satisfying the degree requirements from the **two categories of Breadth Courses, SYSTEMS and ALGORITHMS**.

If two or three Breadth courses are taken, then at least one of each of the two categories must be present.

If four or five Breadth courses are taken, then at least two of each of the two categories must be present.

- CSCI 6250 - Big Data Analytics and Systems - **Credits: 3**
- CSCI 6633 - Computer Vision - **Credits: 3**
- CSCI 6634 - Data Visualization - **Credits: 3**
- CSCI 6635 - Pattern Recognition - **Credits: 3**
- CSCI 6650 - Intelligent Agents - **Credits: 3**

Thesis Option (Research track)

6 credits of CSCI 7000 Thesis Research (at most 3 credits per semester) working with a faculty advisor on a research problem in cybersecurity in lieu of two elective courses. Thesis-option students still must complete at least five 6000-level eligible courses.

Non-thesis Option (Professional track)

Non-thesis students must complete at least seven cybersecurity courses from the CORE and SUPPORTING categories, as listed below. CSCI 7000 Thesis Research cannot be used to satisfy the credit requirements of the non-thesis option.

Earth and Environmental Sciences, M.S.

Program Overview:

The Department of Earth and Environmental Sciences (EES) offers a multi-disciplinary program of study a wide variety of research options that lead to the degree of Master of Science. The faculty teach about topics relevant to Louisiana's earth resources and environment, but also participate in internationally recognized research. The multi-disciplinary approach of EES better prepares graduates for a professional setting where different scientists from diverse disciplines work together to achieve common objectives.

The Department also participates in the Doctor of Philosophy in Engineering and Applied Science program. As an interdisciplinary graduate degree program, the student will need to review the requirements for the Engineering and Applied Sciences Doctor of Philosophy which is administered jointly by the College of Sciences and the College of Engineering at UNO. The degree is administered through this program while dissertation research is conducted in EES.

Student Learning Outcomes

- EES Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and area of specialty.
- EES Graduate students will be able to construct and effectively competently present Earth and Environmental Sciences information and concepts information and concepts visually and verbally through oral presentations.
- EES Graduate students will be able to explain in technical written format an advanced understanding of concepts in areas related to their thesis research and area of specialty.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

Admission requirements for entering the M.S. in Earth and Environmental Science include:

- an undergraduate GPA > 3.0;
- completion of the Graduate Record Examination, with a minimum total score of 300 (Verbal + Quantitative) being higher preferred;
- submission of a letter of intent to EES
- submission of two letters of recommendation;
- Resume or C.V.

Foreign applicants (non-English speaking countries) must also provide proof of English proficiency (see Graduate School).

Degree Requirements

A choice is provided between (i) a thesis or a research program, calling for 30 credit hours of graduate credit (24 credit hours of coursework, and 6 credit hours of research). Nine of the 24 credit hours must be earned at or above 6000; and (ii) a non-thesis option, requiring 30 credit hours of graduate credit, including 3 hours of a masters-level project (EES 6095). Twelve of the 27 hours of coursework must be earned in courses numbered at or above 6000.

All Master of Science graduate students will be required to:

- Form a thesis committee within his or her first semester consisting of a at least three committee members with graduate faculty status;
- Submit a prospectus or research work plan to the thesis committee within her or his first year; and
- Submit and publicly defend a thesis or project upon completion of course work and research.

Financial Aid

Both teaching and research assistantships are available through EES. Teaching assistantships are competitive with preference given to those qualified applicants with experience in teaching basic geology and/or environmental science laboratory courses. Graduate students (M.S. and Doctor of Philosophy) may also be supported by research assistantships provided by their advisor. Potential students are encouraged to discuss the possibilities with your advisor prior to applying. Finally, there are numerous scholarships available to EES graduate students through the University. See the respective websites for further detail.

Finance, M.S.

Student Learning Outcomes

- All students should demonstrate core knowledge of Financial Economics
- All students should demonstrate the ability to apply finance concepts to real world problems.
- All students should demonstrate problem-solving skills.

Prerequisites: Principles of Microeconomics, Financial Management, Accounting, and Statistics (ECON 1203, FIN 3300, ACCT 2100, QMBE 4400 or equivalent).

There will be two tracks in the program:

Professional Track Curriculum

Core Courses (21 hours):

- ACCT 6130 - Adv Acct Analy Decision Making - **Credits: 3**
- ECON 6200 - Managerial Economics - **Credits: 3**
- BA 6780 - Survey Decision Making Tools - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- FIN 6303 - Financial Markets & Inst - **Credits: 3**

- FIN 6309 **Credits: 3**
OR
- FIN 5306 - International Finance - **Credits: 3**
Plus 9 hours of approved finance electives.

CFA Concentration:

The purpose of this concentration is to help prepare the student to take the Level One Chartered Financial Analyst Exam. The concentration consists of FIN 6307, Portfolio Theory, and FIN 5308 - Derivatives Analysis, plus one additional course to be approved by the program director.

Academic Track Curriculum

Core Courses (24 hours)

- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6203 - Financial Markets & Institutions **Credits: 3**
- FIN 6311 - Theory of Corporate Finance - **Credits: 3**
- FIN 6312 - Investment Theory - **Credits: 3**
- ECON 6203 - Microeconomic Theory - **Credits: 3**
- ECON 6204 - Macroeconomic Theory - **Credits: 3**
- QMBE 6280 - Math in Financial Economics - **Credits: 3**
- QMBE 6281 - Econometrics I - **Credits: 3**
Plus 6 hours of approved finance electives.

For both tracks

Comprehensive Examination: Every student must pass Master's exam in their last semester in the program.

This is a non-thesis degree program.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, successful applicants have an educational background in Business or a related field, a 2.75 GPA for undergraduate coursework and average scores on the GRE or GMAT

Health Care Management, M.S.

The Master of Science in Health Care Management program is designed to prepare health care professionals to survive and prosper in the twenty-first century. The curriculum provides students with a unique blend of knowledge that bridges the world of health care and the world of finance, marketing, accounting, and management. The objective of this advanced education is to enable graduates to manage and supervise administrative areas in both public and private health care settings more efficiently. This interdisciplinary program involves faculty from the College of Business Administration and adjunct lecturers from relevant health care agencies and organizations. The program consists of 33 credit hours (11 courses). There is no thesis.

Student Learning Outcomes

- Students will demonstrate knowledge of advanced business concepts as applied to health care organizations as identified in the learning objectives of each of the core classes in the program.
- Students will demonstrate skills in critical thinking.
- Students will demonstrate skills in problem solving.

Admissions Requirements

Baccalaureate degree from an accredited college or university; GPA of at least 2.75 on a 4.0 grading system from undergraduate work; satisfactory academic standing at the last university or college attended.

Degree Requirements

- ACCT 5400 - Intro to Fin Acct - **Credits: 3**
- ECON 6250 - Health Care Economics - **Credits: 3**
- HCM 6010 - Health Care Management - **Credits: 3**
- HCM 5016 - Intro to Health Informatics - **Credits: 3**
- MKT 6536 - Seminar Hlth Care Mang - **Credits: 3**
- HCM 6012 - Org Behavior in Health Care - **Credits: 3**
- FIN 6350 - Health Care Financial Mgmt - **Credits: 3**
- HCM 6015 - Health Care Law and Ethics - **Credits: 3**
- And two approved electives **Credits: 6**
- HCM 6013 - Strategic Issues - Health Care - **Credits: 3**

Total Credits Required: 33

- ACCT 5400 (prerequisite) Introduction to Financial Account and Finance Concepts this course is required for non-business students and if taken may be used as an approved elective.

Executive Track

For experienced managers, professionals, and entrepreneurs who are working full time, the Executive track of the MS in Health Care Management (MSHCM) degree is a lock-step program designed to allow rapid completion of the MSHCM degree with minimal disruption of work responsibilities. In this 15-month program, classes are held primarily on Saturdays and Sundays of alternating weeks. Additional fees apply. Classes may be taken only by students admitted to the Executive track of the MS in HCM program. Admission to the Executive track of the MSHCM program is separate from admission to the HCM program.

In addition to meeting the [minimum standards for admission to the Graduate School](#), admission to the Executive track of the Master of Science in Health Care Management Program is at the discretion of the College of Business Administration's Committee on Executive MS-HCM graduate admissions. Applicants to the program may be required to take the Graduate Management Applications Test (GMAT) or the Graduate Record Examination (GRE). UNO Graduate School English language requirements must also be fulfilled.

Applicants are evaluated based on:

- the length and quality of their business experience;
- attainment of, and grade point in, a baccalaureate degree from an accredited college or university.

Hospitality and Tourism Management, M.S.

The Master of Science in Hospitality and Tourism Management program is an advanced degree program to better prepare future leaders in the hospitality and tourism industry. It is designed to enhance students' knowledge of the industries that operate under the rubric of global tourism; widen their horizons in regard to unresolved issues in the field; and further develop their analytical abilities and communication skills.

The program prepares students for professional careers in both the private and public sectors of global hospitality and tourism and it also serves as a foundation for more advanced studies. Students are provided a broad preparation in the important operational aspects of the organizations that comprise the hospitality and tourism industries. Emphasis is placed on the development of problem solving and decision-making abilities as well as the acquisition of basic research skills. The program can be completed either on campus or online. The program is designed to satisfy the needs of students with undergraduate degrees in any field who want to be better prepared for careers in hospitality and tourism.

Student Learning Outcomes

- Students will demonstrate knowledge of the following core hospitality industries: Hotel/lodging, Restaurant/Foodservice, Events/Meetings, and Tourism.
- Students will demonstrate the ability to analyze an ethical situation.
- Students will develop an advanced understanding of research methods and their application in the hospitality and tourism industry.
- Students will demonstrate effective written communications skills.
- Students will demonstrate effective oral communications skills.
- Students will demonstrate effective problem-solving skills.
- Students will demonstrate the ability to synthesize core business management concepts and apply them to the hospitality and tourism industry.
- Students will demonstrate the ability to assess the economic impact of international tourism.

Admission Requirements

Applicants to the M.S. program should meet the [minimum standards for admission to the Graduate School](#).

Degree Requirements

*HRT 6301 must be taken near the end of the course of study.

**HRT 7000 must be taken over the last two semesters of study (3 credits per semester) and with approval of the department.

- HRT 6001 - Survey of Hospitality & Touris - **Credits: 3** *
- HRT 6200 - Hosp & Tourism Ops Analysis - **Credits: 3**
- HRT 6202 - Hosp and Tourism Research Meth - **Credits: 3**
- HRT 6203 - Marketing App for Hosp & Tour - **Credits: 3**
- HRT 6205 - Change Mang for Hosp & Tourism - **Credits: 3**
- HRT 6207 - Work Experience HTM - **Credits: 3**
- HRT 6250 - Tourism Destination Developmnt - **Credits: 3**
- HRT 6300 - Hospitality & Tourism Rev Mgt - **Credits: 3**
- HRT 6301 - Hosp & Tour Indus Strtg Mang - **Credits: 3** **

Required credits for all students: 24

Electives - Non-Thesis (two of the following)

- HRT 6102 - Technology Tourism & Hosp Mgt - **Credits: 3**
- HRT 6204 - Hospitality & Tourism Intern - **Credits: 3**
- HRT 6491 - Indep Study in Hosp & Tourism - **Credits: 3**
- HRT 6495 - Spec Top Hospitality & Touris - **Credits: 3**
- Business Elective **Credits: 3**

Non-Thesis Option Total credits required: 30

Additional Degree Requirements - Thesis Option

- HRT 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** ***

Master of Science Thesis Option: 6 Credits

Must take two additional Research Methods/Statistics courses (for a total of 6 additional credits).

Students must have approval from the HRT Graduate coordinator prior to registering for the appropriate courses.

Courses may be selected from:

- EDFR 6705 - Quant & Qual Research Design - **Credits: 3**
- EDFR 6710 - Descriptive Statistics - **Credits: 3**
- EDFR 6720 - Appl Regr & Anly Covariance - **Credits: 3**
- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**

Total Credits Required Thesis option: 39

- Students choosing the non-thesis option will need a minimum of 30 credit hours to complete the course requirements for the program.
 - Students choosing the thesis option are required to take HRT 7000 (six credit hours). In addition, students will also need six credits of Statistics/Research Methods a minimum of 39 credit hours to complete the course requirements for the thesis option.
- The Master of Science program consists of a minimum of ten courses and a total of 30 credit hours. The thesis option will require an additional nine credit hours.

Mathematics, M.S.

The Department of Mathematics offers a program of study leading to the degree of Master of Science. The program is designed to provide a sound preparation for continued study toward a Doctor of Philosophy degree as well as prepare students for careers in business, government, industry, and teaching. The program provides courses for those interested in the modern applications of mathematics, the pure aspects of mathematics, or statistics, or actuarial mathematics.

The department also participates in the Doctor of Philosophy in Engineering and Applied Science (ENAS) program. Interested students should refer to the description of the ENAS program, admission criteria, and curricular requirements at the beginning of the Graduate Programs in Sciences section.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and/or area of specialty. Meanwhile, the student should be able to apply the presented theory and methodology to solve related practical problems.
- Graduate students will be able to construct and effectively present mathematics information and concepts visually and verbally through oral presentations.
- Graduate students will be able to explain mathematical concepts in technical writing to demonstrate their understanding of advanced concepts in areas related to their thesis research and/or area of specialty.

In addition to meeting the minimum standards for admission to the Graduate School,

applicants should prepare themselves by successfully completing an undergraduate program that includes the equivalent of at least MATH 2134 - Calculus III, and MATH 3511 - Intro to Linear Algebra. In addition, it is strongly recommended that students have taken the equivalent of the MATH 3512 - Introduction Abstract Algebra, MATH 4511 - Linear Algebra and MATH 4101 - Advanced Calculus. See Requirements below for more information. Applicants to the program are required to take the Graduate Record Examination (GRE) General Test. Successful applicants submit GRE scores with scores 150 or more on the Quantitative Reasoning and 140 or more on the Verbal Reasoning section.

Financial Aid

Graduate Assistantships are available to a limited number of qualified applicants. Students who would like to apply for a Graduate Assistantship should contact the Graduate Coordinator in the Mathematics Department.

Degree Requirements

The general regulations of the Graduate School, set forth elsewhere in this catalog, apply to the graduate program in mathematics. Any student who has been admitted to graduate study in mathematics but who has not completed the equivalent of MATH 4101 and MATH 4511 must take MATH 5101, and MATH 5511 as early as possible. (Note: MATH 5101 is required for graduation, but does not contribute towards graduate credit for the MS degree in mathematics. MATH 5511 counts towards graduate credit.)

The student must complete at least 18 hours of 6000-level courses in the Mathematics Department. Up to nine non-math hours can be used toward the degree and these courses must be math-oriented or direct applications of math and must be approved by the Graduate Advisory Committee of the mathematics department.

The student must obtain at least a 3.0 average in all graduate level courses, excluding Thesis Research, whether or not the course is offered for degree requirements. The student is given the choice of whether or not to write a Master's Degree Thesis. The total number of semester hours required is 36 for non-thesis option and 30 for the thesis option. Students who choose to write a thesis must give an oral presentation of the thesis with satisfactory performance. Students who choose the non-thesis option must give a satisfactory performance on a comprehensive examination that covers three math courses given for graduate credit.

The student is allowed to take the comprehensive examination up to two times. This exam is offered in April and November.

Psychology, M.S.

The overall training goal of the department's graduate program is to produce well-trained applied scientists who, depending on their career goals, are capable of assisting clinical psychologists and working as a mental health professional.

Student Learning Outcomes:

- Graduate students who complete the MS degree will demonstrate competence in the empirical literature on the social, cognitive and affective basis of the science of psychology.
- Graduate students who complete the MS degree will demonstrate competence in the empirical literature on individual differences and the biological basis of the science of psychology.
- Graduate students who complete the MS degree will develop the ability to communicate psychological knowledge, develop and test hypotheses that advance or support current knowledge.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

the department's recommendation for admission is based on the student's performance on the Graduate Record Examination, letters of recommendation, and on the student's academic performance. The department may recommend full or conditional admission. If admitted on a conditional basis, the applicant must fulfill the conditions imposed by the department.

Degree Requirements

A minimum of 30 credit hours is necessary for the Master of Science degree, although some students may be required to take additional hours to remedy undergraduate training deficiencies or in order to meet particular career goals. Students may complete the M.S. while in progress toward the Ph.D. at UNO or as a terminal degree.

General Core:

Core courses are required for all graduate students. They include

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6050 - Sem in Professional Problems - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1** (two credit hours)
- PSYC 6350 - Advanced Learning - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**

Specialty Core

Each specialization or concentration requires the following as core:

Applied Developmental Psychology with Ph.D. Objective:

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
- PSYC 6101 - Fund Appl Dev Psychology I - **Credits: 3**
OR
- PSYC 6102 - Fund Appl Dev Psychology II - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1**
- PSYC 6610 - Measurement of Intelligence - **Credits: 3**
OR
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**

Applied Biopsychology with a Ph.D. Objective:

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1**
- PSYC 6801 - Fund Appl Biopsychology I - **Credits: 3**
- PSYC 6802 - Fund Appl Biopsychology II - **Credits: 3**
OR
- PSYC 6810 - Psychopharmacology - **Credits: 3**

Non-thesis Applied M.S. Objective:

- PSYC 6610 - Measurement of Intelligence - **Credits: 3**
OR

- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
OR
- PSYC 5530 - Psychopathology - **Credits: 3**
- PSYC 5310 - Intermediate Stats Behavioral - **Credits: 3**
OR
- PSYC 6311 - Advanced Statistics I - **Credits: 3**
OR
- PSYC 6312 - Advanced Statistics II - **Credits: 3**

- PSYC electives at the 5000 level or higher **Credits: 9**

Complete a Minimum of Six Hours of Credit

Students pursuing the Ph.D. are required to complete a minimum of six hours of credit in PSYC 6090. Enrollment in PSYC 6090 is required each regular semester when not enrolled in PSYC 7000.

Minimum Grades:

A student who receives a C or lower in a core course (general or specialty) or who drops a core course while earning lower than a B will be dropped from the program. If a student receives a C or less in a non-core course, that course must be repeated in order to earn graduate credit. All students must maintain a B average for all courses in order to remain in the psychology graduate program.

A Minimum of Six Credit Hours

Students pursuing the Ph.D. are required to complete a thesis based on her or his own original research that clearly demonstrates ability to identify significant problems, design and conduct scientific studies, and report findings in an appropriate fashion. The thesis research must be of publishable quality. A minimum of six credit hours of thesis research, PSYC 7000, is required, although the student must be registered for thesis research each semester he or she is working on it until it is accepted by the thesis committee. An oral defense of the thesis is required.

Complete Two Sections of Practicum

- PSYC 6191 - Practicum Develop Psychology - **Credits: 3 - 6 (Variable)**

Financial Aid

A limited number of teaching assistantships are available to qualified students. Research and service assistantships supported by faculty grants or contracts are also available.

Tax Accounting, M.S.

Student Learning Outcomes

- Students will demonstrate proficiency in Accounting Theory and Managerial Accounting.
- Students will demonstrate business/tax planning acumen.
- Students will demonstrate proficiency in conducting tax research and in writing.

Program Overview:

The M.S. in Tax Accounting program provides a high degree of concentration in the tax area. The taxation degree provides in-depth technical and comprehensive study for persons planning careers in taxation accounting or who are already employed in this area and wish to expand their knowledge of the field. The taxation program also serves as a foundation for more advanced studies, such as the Ph.D. degree.

The program may be pursued either full-time or part-time and may be completed by attending evening classes.

Degree Requirements:

Required accounting courses

- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**

Required taxation courses

*See the department for specific courses and see "degree requirements" below.

- ACCT 5154 - Estate & Gift Taxation - **Credits: 3**
- ACCT 6151 - Federal Tax Practice - **Credits: 3**
- ACCT 6153 - Tax Corp & Shareholders - **Credits: 3**
- ACCT 6156 - Adv Tax of Partners - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- Approved tax elective **Credits: 3** *
- Approved Accounting or Business Administration courses **Credits: 6**

Total Credits Required: 30

Financial Aid

A limited number of research assistantships are awarded on a competitive basis to full-time graduate students with outstanding academic credentials. Graduate assistants normally work 20 hours per week assisting the faculty with their research projects and performing other departmental duties. Irrespective of their legal residency, graduate assistants are eligible for in-state fees. A limited number of loans, scholarships, and departmental awards are also available to assist students in financing their education.

Transportation, M.S.

The Master of Science in Transportation (MST) program prepares students with the knowledge base and skill sets needed for successful professional practice in the transportation industry, which includes careers in the public, private and non-governmental sectors. Transportation professionals work for companies and agencies across a variety of modes serving the needs of moving passengers and freight. The applied nature of the course work ensures students are prepared to make professional contributions upon completion of the program. The program provides graduate students with the opportunity to engage with professionals through course assignments, capstone projects, and internships.

Student Learning Outcomes

- Students will be able to articulate in-depth knowledge about the history and function of freight and passenger transportation and current issues in local, state and national policy.
- Students will be able to apply quantitative data and methods to transportation issues.
- Students will demonstrate professional communication and analytical skills.

Overview

The MST will require a minimum of 33 semester credit hours of graduate course work in core courses (18 credit hours), a concentration (9 credit hours), and capstone/thesis projects (6 credit hours).

The following core courses (18 credits) would be required for all students:

- TRNS 6010 - Transportation Seminar - **Credits: 3**
- TRNS 6020 - Intermodal Freight Transport - **Credits: 3**
- TRNS 6061 - Intro Transportation Plan - **Credits: 3**
- TRNS 6100 - Environment and Energy - **Credits: 3**
- TRNS 6200 - Transport Policy & Admin - **Credits: 3**
- TRNS 6062 - Applied Techniques for Transportation Professionals

Concentration Information

Students must complete a 9-credit concentration in Transportation Planning, Transportation Administration or a self-directed concentration. The two primary concentrations will utilize instructional offerings in the accredited Master of Urban Planning (MURP) degree program and the accredited Master of Public Administration. Students may transfer up to 12-credits from outside UNO, which could apply to the concentration courses. Please see the university rules governing potential transfer credit.

Transportation Planning Concentration

Courses eligible for this concentration are

- MURP 5063 - Land Use Trans Plan - **Credits: 3**
- MURP 6620 - History & Theory Planning - **Credits: 3**
- MURP 6020 - Analytic Methods for Planners - **Credits: 3**
- MURP 5160
- MURP 6450 - Local Economic Development - **Credits: 3**
- MURP 5050 - Urb Land Use Plan & Plan Makng - **Credits: 3**

Other courses or a thesis option may be permitted with approval of the program coordinator

Transportation Administration Concentration

Courses eligible for this concentration are

- PADM 6020 - Bureaucracy and Democracy - **Credits: 3**
- PADM 6110 - Public Budgeting - **Credits: 3**
- PADM 6160 - Law and Ethics of Pub Admin - **Credits: 3**
- PADM 6201 - Policy Analysis and Prog Eval - **Credits: 3**
- PADM 6401 - Administrative Behavior - **Credits: 3**

Other courses or a thesis option may be permitted with approval of the program coordinator

Self-Directed Concentration

Three courses (nine credits) approved by program coordinator and faculty advisor

Students must complete a six-credit capstone sequence over the course of a year or the thesis option, with six credit hours of thesis research.

Capstone:

- TRNS 6901 - Transportation Capstone I - **Credits: 3**
- TRNS 6902 - Transportation Capstone II - **Credits: 3**

Urban Studies, M.S.

The highly interdisciplinary M.S.U.S. program offers training in a broad range of urban phenomena for persons who desire to enter such fields as cultural resource management, historic preservation, law, journalism, education, law enforcement, business, and other urban-related professions, or to further their study of cities and regions at the doctoral level. The M.U.R.P. program is fully accredited by the American Planning Association (APA) and consists of professional training in planning cities and regions with special emphasis on the social, economic, environmental, political and physical aspects of metropolitan areas. The objective of the program is to prepare students for planning careers in city, regional, state and federal agencies; private consulting firms; public service organizations; and other public or private institutions. The program of study leading to the Doctor of Philosophy in Urban Studies enables students of exceptional ability to undertake advanced study and original research in the fields of urban affairs, urban history and urban and regional planning. The doctoral program's mission is to prepare students for careers in scholarly activity, applied research, and advanced policy analysis.

Admission for MSUS AND MURP Programs

The Department of Planning and Urban Studies faculty has instituted admission requirements for entrance into the MSUS and MURP programs in addition to those of the Graduate School, which include above average academic competence as evidenced in undergraduate work and Graduate Record Examination (GRE) scores. The Department of Planning and Urban Studies faculty will also take relevant experience into account, although it is not a specific requirement for application.

- Students will develop knowledge about contemporary urbanization trends and major urban studies topics.
- Students will develop in-depth knowledge in a defined area of specialization.
- Students will master the ability to read and understand both primary and secondary sources in urban studies.
- Students will become knowledgeable about both qualitative and quantitative research methods and analytical techniques.
- Students will gain and display competency in creating and communicating professional standards in their work.

Degree Requirements

The flexibility of the M.S.U.S. program has allowed students to pursue career fields that are emerging and may not be covered in more structured and traditional masters programs. There are strong subfields in Applied Urban Anthropology and Cultural Resource Management offered in conjunction with the UNO Department of Anthropology and Sociology, as well as Urban Planning and Historic Preservation subfields.

Overview

Thesis track

- 33-34 total credit hours
- 15 hours of core curriculum coursework
- 15-16 hours of specialization coursework
- 3 hours of thesis research
- Thesis

Non thesis track

- 36-37 total credit hours
- 15 hours of core curriculum coursework
- 21-22 hours of specialization coursework
- Comprehensive exam

Prerequisite Courses

An undergraduate economics course and an undergraduate statistics courses are the prerequisites for the M.S.U.S. program.

Core Courses

Urban Core:

Each student must take two of the following:

- URBN 6000 - Seminal Research - **Credits: 3** (may be repeated for credit)
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**
- URBN 6510 - Urb-Rural Issues Dev Countries - **Credits: 3**
One urban studies seminar at the 6000 level or above offered by the Department of Planning and Urban Studies, the Department of Anthropology and Sociology, or the Department of History and Philosophy. Students may substitute courses from other departments with permission of the course instructor and the M.S.U.S. graduate coordinator.

Methods:

- URBN 6005 - Statistics for Urban Analysis - **Credits: 3**
- ANTH 5070 - Qualitative Research - **Credits: 3**

Substantive Areas

Students must choose five to seven courses from one of the following substantive areas. Students in the geography track must take an additional 1 credit hour course. Required courses for each substantive area are available from the MSUS coordinator.

- Applied Urban Anthropology
- Urban Planning
- Cultural Resource Management
- Historic Preservation

With the graduate coordinator's written consent, a student may submit another substantive area which is subject to approval by the Urban Studies faculty.

Master of Science in Urban Studies: Applied Urban Anthropology Concentration

The Master of Science in Urban Studies Applied Urban Anthropology Degree will provide students with training in qualitative research methods and valuable fieldwork experiences. Fieldwork may include cultural preservation management projects, historic archaeology, policy evaluation, folklore research projects and internships in local government and non-profit organizations. Graduates with the Master of Science in Urban Studies - urban anthropology degree will be well prepared to work professionally as well as continue in doctoral study.

Students in this concentration are eligible to earn UNO's Historic and Cultural Preservation Certificate.

Master of Science in Urban Studies: Geography Concentration

The Master of Science in Urban Studies Geography Degree will provide students with an advanced understanding the geographer's craft, including an ability to pose and analyze geographical problems using geographical tools and techniques, and to defend conclusions based on geographical research. Students in this concentration are eligible to earn UNO's Geographic Information Systems Certificate.

Master of Science in Urban Studies: Urban Criminology Concentration

The Master of Science in Urban Studies Urban Criminology Concentration is designed to provide students with training in the theories and research methods pertinent to the fields of crime, criminal justice, and law enforcement with specific resources to U.S. cities and metropolitan areas. Graduates of the Master of Science in Urban Studies degree program who successfully complete the urban criminology concentration will be prepared to further their professional careers in criminology-related areas or undertake additional study at the doctoral level. Students should check with the department about any revisions approved for the program, but which may not be reflected in this catalog, or visit the department website at www.uno.edu/cola/planning-and-urban-studies

Master of Science in Business Administration

Business Administration, M.B.A.

Student Learning Outcomes

- Students will demonstrate appropriate problem solving and decision-making skills.
- Students will demonstrate effective interpersonal skills including leadership and teamwork
- Students will demonstrate effective written and oral communication skills

The Master of Business Administration degree is a professional degree. The program is designed to prepare students for administrative positions in both the private and public sectors. The program is accredited by the Association to Advance Collegiate Schools of Business International (AACSB).

Students are provided a broad preparation in business administration while being allowed to concentrate in specific business areas. Attention is given to lasting principles instead of specific techniques which may be subject to frequent change.

The program is designed to satisfy the needs of students with or without undergraduate degrees in business administration. Additional coursework may be required for students whose undergraduate education is missing preparation in foundation areas such as Accounting, Management or Quantitative Methods.

Admission Requirements

In addition to meeting the [minimum standards for admission to the Graduate School](#).

admission to the traditional Master of Business Administration program is at the discretion of the College of Business Administration's Committee on Graduate Admissions and the Graduate School. Applicants are normally admitted if they have a baccalaureate degree from an accredited college or university, with a grade-point average of 2.75 (on a 4.0 grading system).

Degree Requirements

- ACCT 6130 - Adv Acct Analy Decision Making - **Credits: 3**¹
- ECON 6200 - Managerial Economics - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**

- QMBE 6780 - Operations Research
OR
- BA 6780 - Survey Decision Making Tools - **Credits: 3**

- MANG 6401 - Sem Organizational Behavior - **Credits: 3**
- MANG 6476 - Operations Management - **Credits: 3**
- MKT 6503 - Strategic Marketing Management - **Credits: 3**
- MANG 6480 - Seminar Business Policies - **Credits: 3**
- Approved Electives or Concentration Electives **Credits: 9**²

Total Credits Required: 33

3,4

- Candidates with an undergraduate degree in accounting or who have completed a substantial number of accounting courses will be required to substitute a three-hour accounting course at the 6000 level.
- Must be approved by the coordinator of the Master of Business Administration program.
- A grade of C or higher is necessary for any course to be accepted for credit. However, a C grade is considered to be below the standard normally expected of a graduate student.
- As a minimum, a student must present at least 33 semester hours of work in courses numbered 6000 or above (exception: three 5000 graduate-level courses

may be accepted for elective. However, credit towards the MBA degree may not be earned for any 5000 graduate-level course that the student has previously taken at the undergraduate level.). A student must have a cumulative grade point average of at least 3.0 on all course work taken to fulfill Graduate Curriculum requirements.

Master of Business Administration Concentrations

Concentrations allow students to focus their studies on a particular area of business administration. The M.B.A. Program offers concentrations in the following areas: Finance, Health Care Management, Human Resource Management, Hotel, Restaurant and Tourism Administration, International Business, Management Information Systems, Marketing, and Technology Management. Each concentration consists of nine hours in selected courses (with the exception of Technology Management which requires 18 credit hours in specific courses), thus fulfilling the elective requirements in the core curriculum. Specific courses must be approved by the program director. An executive track concentration is available as described below.

Financial Aid

A limited number of assistantships are available to qualified applicants. These assistantships involve half-time work assignments (20 hours per week) in the various academic departments, centers and functional areas of the College of Business Administration.

Executive Track

For experienced managers, professionals, and entrepreneurs who are working full time, the Executive track of the MBA is a lock-step program designed to allow rapid completion of the MBA degree with minimal disruption of work responsibilities. Classes are held primarily on Saturdays and Sundays of alternating weeks. Additional fees apply. Classes may be taken only by students admitted to the Executive track of the MBA program. Admission to the executive track of the MBA program is separate from admission to the MBA program. Preparatory course material is integrated into the program through the use of special topic sessions.

In addition to meeting the minimum standards for admission to the Graduate School, admission to the Executive track of the MBA Program is at the discretion of the College of Business Administration's Committee on Executive track MBA graduate admissions. Applicants are evaluated based on: (1) the length and quality of their professional work experience; and (2) the attainment of, and grade point average in, a baccalaureate degree from an accredited college or university. Applicants to the program may be required to take the Graduate Management Applications Test (GMAT). English language requirements described above must also be fulfilled.

Master of Science in Engineering

Engineering, M.S.E.

Student Learning Outcomes

- For a chosen problem, develop and specify appropriate physical or system models.
- Specify or design an experiment to meet a need, conduct the experiment, analyze and explain the resulting data.
- Identify, formulate, and solve complex engineering problems (physical or system. models) by selecting and applying appropriate mathematical/computational tools and techniques.
- Synthesize advanced technical knowledge in a traditional or emerging area of:

Civil and Environment Engineering
Electrical Engineering
Mechanical Engineering
Naval Architecture and Marine Engineering

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants seeking admission to a graduate program in engineering must have received a bachelor's degree in a field of engineering from an ABET-accredited engineering or closely related program or, in the case of foreign students, must present evidence of an equivalent preparation.

Furthermore, all students must complete all requirements for the graduate courses in which they wish to enroll, and must meet any additional general requirements as stipulated by the Graduate School and the College of Engineering.

Applicants without an Undergraduate Degree in Engineering

Applicants with Bachelor of Science degrees in mathematics, the sciences, or other undergraduate degrees will be considered on a case-by-case basis. Such students must complete a core program specific to each department including any prerequisite for each or pass the equivalent credit examinations with a grade of "B" or better. Such students would be best advised by the particular department in which they seek to enroll.

Degree Requirements

After admission, students are required to select an area of concentration. A choice is provided between a thesis option, calling for 30 hours of graduate credit, of which six hours are thesis research; and a non-thesis option, requiring 30 hours of graduate credit, including three hours of a Master's project (ENEE 6095 or ENME 6095 or ENCE 6095 or NAME 6093).

Both options require that at least 15 course credit hours be at the 6000-level. Up to 6 credit hours may be taken, upon advice of the student's advisor, in related subjects outside of the College of Engineering.

Concentrations

Concentrations are offered in the following areas:

- Civil/Environmental Engineering
- Electrical Engineering
- Mechanical Engineering
- Naval Architecture and Marine Engineering

Master of Science in Engineering Management

Engineering Management, M.S.E.M.

The College of Engineering offers a Master of Science in Engineering Management degree. This program makes use of the expertise and resources of the faculty of both the College of Engineering and the College of Business Administration. This program is intended for engineers who wish to remain in their engineering area of expertise but desire to improve their managerial skills and their understanding of business practices.

Student Learning Outcomes

- Demonstrate advanced knowledge of engineering management methods for use in technology organizations.
- Apply knowledge of technical organizations at a strategic level, and the role and practices of the various business functions.
- Apply modern tools for effective engineering management.
- Demonstrate the ability to construct and perform an effective presentation related to capstone project.
- Perform advanced research in engineering management theory or practice.

Admission

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants to the master of science in engineering management program must possess a baccalaureate degree in engineering, mathematics, or an applied science. Applicants are expected to have an undergraduate GPA of at least 3.0. Applicants who have an undergraduate GPA between 2.5 and 3.0 may be considered for admission on a case-by-case basis.

Degree Requirements

The Master of Science in Engineering Management requires a total of 30 graduate credit hours completed in either a thesis or non-thesis option.

Non-Thesis Option

Completion of 30 credit hours including 18 credit hours of required core courses and three credit hours for a capstone course. The remaining 9 credit hours must be selected from approved electives.

Thesis Option

Completion of 30 credit hours including six credit hours of thesis research, and 18 credit hours of required core courses. The remaining six credit hours must be selected from approved electives.

Optional Concentration

Students may select a concentration in Systems Innovation Engineering. Students pursuing the Systems Innovation Engineering concentration are required to take MANG 5750 as well as three elective courses chosen from systems-based, domain specific courses in either Engineering, Computer Science, or Business.

Master of Urban & Regional Planning

Urban & Regional Planning, M.U.R.P.

The Master in Urban and Regional Planning program prepares graduates for a wide range of careers in the field of planning. Planners can choose to work for governmental agencies, private consulting firms or nonprofit organizations. Their chosen career can target such issues as creating safe, attractive and healthy neighborhoods; providing affordable housing; and building accessible, efficient and environmentally friendly transportation systems. Students have the opportunity to pursue internships for academic credit with selected agencies and private firms while they are in school. This "real world" experience helps students to become more competitive in the job market upon graduation.

All M.U.R.P. students will be required to show proof of having completed at least an acceptable introductory-level statistics course and an introductory-level economics course before entering the program, or will be required to complete such a course during their first semester of attendance.

- Students will demonstrate a knowledge of the history, theory, legal framework and professional practice of urban and regional planning.
- Students will demonstrate research and analytical skills relevant to planning practice.
- Students will demonstrate the professional skills required in the practice of planning including skills in the area of written, graphic and communication, plan creation and implementation, planning process methods, and leadership.

Overview

- 45 - total hours needed to complete the degree (excluding deficiencies or prerequisites)
- 18 credit hours of required courses
- credit hours of courses in an area of specialization
- Either MURP 6720 Practicum in Urban and Regional Planning or MURP 7000 Thesis Research (3 credit hours)
- 15 credit hours of approved electives

Students should check with the department about any revisions approved for the program which may not be reflected in this catalog.

Program Specializations

Students have a choice of five areas of specialization within the program. Each specialization requires 9 credit hours of coursework. The five areas of specialization are Environmental/Hazards Planning, Historic Preservation, Housing and Community Economic Development, Land Use/Urban Design, and Transportation Planning. Students may complete coursework in 2 areas of specialization. Course substitutions are permissible with department approval.

Joint JD/ MURP Program

This program, unique in Louisiana, offers a combined planning degree and legal education through Loyola School of Law for those persons seeking a career in land use law and development. Applicants must apply separately and be admitted to the MURP program at UNO and to the Loyola School of Law. Normal degree requirements of each program are reduced by a common core of nine credit hours of approved elective courses that count toward both programs. The requirements for both degrees must be completed before either degree is awarded.

Financial Aid

Assistantships for nine months are available for a limited number of qualified applicants. The student will devote approximately half-time (20 hours per week) to research work. In addition, a number of assistantships are located off-campus in planning and planning related agencies.

Minor

Accounting Minor

Students may earn a minor in accounting by completing 19 hours of accounting courses with a cumulative GPA of 2.0 or better in all accounting courses attempted. Twelve hours of these accounting courses **must** be completed at UNO with a cumulative GPA of 2.0 or better. The following accounting courses

comprise the minor in accounting:

Minor Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- and six hours of accounting electives from accounting courses open to accounting majors for degree credit.
- Three of the six hours of accounting electives must be 3000 level or above.
- ACCT 2130 may not be used for credit toward the minor in accounting.

Actuarial Mathematics Minor

Minor Requirements

An undergraduate minor in actuarial mathematics may be obtained by completing at least 18 credit hours in mathematics including

- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 4801 - Actuarial Prob I - **Credits: 3**
- MATH 4802 - Actuarial Prob II - **Credits: 3**
- MATH 4803 - Financial Math I - **Credits: 3**
with a grade of C or better in each course.
At least nine credit hours must be taken at UNO.

Africana Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Africana Studies. The purpose of this Minor is to acquaint the student with current and historical knowledge of the black experience in Africa, the Americas, and other parts of the world drawing from courses in the College of Liberal Arts, Education and Human Development as well as approved courses offered by the other Colleges. The Minor signifies the student has a basic, general understanding of the significant contributions made by African people in Africa and in the African Diaspora.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of HIST 1010, either ENGL 2071 or ENGL 2072, and either HIST 3551 or HIST 3552.
- Completion of nine credit hours to be taken from a list of approved courses. To complete 18 credit hours, the student must choose courses from a minimum of three disciplines. At least 50% of the credit hours must consist of courses at the 3000 level or above.
- The Coordinator may permit substitution of as many as six of these 18 hours with UNO Special Topic or Independent Study courses. Appropriate courses offered at UNO or other universities may be suggested as substitutes. The Coordinator may assign each student to a faculty advisor who will help the student design the Minor program. Courses on Africana Studies in the Major field that are counted as credit hours for that Major may not also be counted toward this Minor.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Anthropology Minor

Minor Requirements

Students who wish to secure a significant background in anthropology while majoring in another area may do so by earning 18 credit hours in anthropology courses, including ANTH 2052 and at least twelve hours at or above the 3000 level (exclusive of ANTH 3896 and ANTH 4991). Successful completion of these requirements with an average of at least 2.0 in the Minor will result in a Minor in Anthropology.

Asian Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Asian Studies. The purpose of this Minor is to acquaint students with current and historical knowledge of the Asian region, peoples, and cultures. The Minor signifies students have a basic and general understanding of this part of the world.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of four semesters (a minimum of 12 credit hours) of Chinese, Japanese, or other relevant language through 2002 or its equivalent.
- Completion of HIST 2201 and HIST 2202 (the survey of Asian civilizations).
- Credit in courses on Asia to be approved by the Coordinator, for a total of 12 credit hours in addition to the language and history requirement. At least six credit hours must be at the 3000 level or above. In addition, six of the 12 credit hours must be chosen from at least two disciplines outside of history and language, with no more than nine credit hours from any one discipline. Courses on Asia in the major field that are counted as credit hours for that Major may not also be counted toward this Minor.
- A minimum 2.0 grade-point average must be attained in all courses in the minor program.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Biological Sciences Minor

Minor Requirements

An undergraduate minor in biological sciences may be obtained by completing at least 18 credit hours in biological sciences with a grade of C or better in each course. Departmental and course prerequisites must be observed. Biological Sciences electives may not be chosen from courses designed for non-majors only. At least 9 hours must be at the 3000 level or above, with a maximum of 3 credit hours of BIOS 3092. At least 9 hours must be completed at UNO.

Business Administration Minor

Non-business students wishing to minor in Business Administration may do so by completing the following courses with a minimum letter grade of C or better in each course:

Minor Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
OR
- ACCT 4400
- BA 3010 - Legal Environment of Business - **Credits: 3**
OR
- BA 3080 - Corporate Social Responsibility - **Credits: 3**
OR
- HRT 3016 - Legal Environ in Hosp Industry - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- FIN 2302 - Introduction to Investing - **Credits: 3**
OR
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
OR
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
OR
- MANG 4400 - Survey Management Topics - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Chemistry Minor

Minor Requirements

At least 10 hours must be at the 3000 level or above. At least 10 hours must be completed at UNO.

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**

The Remaining Credit Hours Shall Be from the Following:

- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2310 - Chemical Computing - **Credits: 3**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3110 - Forensic Chemistry - **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3411 - Desc Inorganic Chemistry - **Credits: 3**
- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**
- CHEM 3610 - Materials Chemistry - **Credits: 3**
- CHEM 3710 - Medicinal Chemistry - **Credits: 3**
- CHEM 4110 - Instrumental Analysis - **Credits: 3**
- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- CHEM 4210 - Intermediate Organic Chemistry - **Credits: 3**
- CHEM 4310 - Physical Chemistry - **Credits: 4**
- CHEM 4311 - Physical Chemistry - **Credits: 4**
- CHEM 4410 - Advanced Phys Inorg Chemistry - **Credits: 3**
- CHEM 4510 - Biochemistry I - **Credits: 3**
OR
- CHEM 4511 - Biochemistry II - **Credits: 3**

Civil Engineering Minor

Minor Requirements

Non-civil engineering students wishing to earn a minor in civil engineering must complete a minimum of 24 credit hours of civil engineering courses. Of this total, 10 credit hours are required, and 14 credit hours are electives. Details of these courses are presented below.

Required Courses

- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENME 2750 - Dynamics - **Credits: 3**
- Principles of hydraulics or Fluid Mechanics **Credits: 3**

Total Credit Hours: 10

Select Two Courses of the Following

- ENCE 3356 - Structural Analysis - **Credits: 4**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**

Total Credit Hours: 8

Select Two Courses of the Following

- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4328 - Air Pollution Control - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**

Total Credit Hours: 6

Total Credit Hours Required: 24

Computer Science Minor

Minor Requirements

An undergraduate majoring in a department other than Computer Science may earn a minor in Computer Science by completing the following computer science courses each with a grade of C or better: CSCI 2120, CSCI 2125, CSCI 2450, CSCI 3301, and two three-credit 4000-level courses selected from an approved list. (It should be noted that credit or concurrent enrollment in MATH 3721 is required for CSCI 2125. Also, credit in CSCI 1583 is required for CSCI 2120.) A transfer student must complete a minimum of nine credit hours in required computer science courses at UNO, and these must include CSCI 2125 and a three credit 4000-level course from the approved list.

Criminology Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Urban Criminology. The purpose of this Minor is to educate students interested urban justice issues such as criminology, criminal justice, environmental justice and judicial processes. The Minor signifies that students have a basic and general understanding of Criminology.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of eighteen credit hours, from SOC 4911, SOC 4921, SOC 4954, POLI 4410, POLI 4420, POLI 4440, PADM 4810 or URBN 2000, URBN 2999, URBN 3002, URBN 4005, URBN 4810.
- The Coordinator may permit substitution of these hours with UNO Special Topics courses or Independent Study courses. Appropriate courses offered at UNO or other universities may be suggested as substitutes.
- Course substitutions permitted with department approval.
- A minimum 2.0 grade-point average must be attained in all courses in the Minor program.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Disaster Management & Community Resilience Minor

The Minor in Disaster Management & Community Resilience draws its required and optional courses from disciplines in the College of Liberal Arts, Education and Human Development, and the College of Business. This interdisciplinary Minor capitalizes on the unique expertise resident in UNO's faculty to provide students with an understanding of how hazards affect communities, government and non-profit agencies, businesses and social systems.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of four core courses: URBN 4150, SOC 4871, GEOG 4805, and HIST 2050.
- Completion of two courses from an approved list * (in addition to the core courses).
- A 2.0 grade-point average in all courses used to fulfill this Minor.

*Approved courses for this minor: SOC 4098 (when hazard-related topic); ANTH 4721; GEOG 4150, URBN 4800, URBN 4800 (hazard-related topic), URBN 4810; MURP 4140, MURP 4145, MURP 4800 (when hazard-related topic); PADM 4800 (when hazard-related topic), PADM 4810, POLI 4170; FIN 4311. To meet the prerequisite requirements for some of the approved courses, students may need to complete more than the minimum 18 hours required for this Minor.

Earth and Environmental Sciences Minor

An undergraduate majoring in another subject may minor in earth and environmental sciences by completing 20 .credit hours in EES with a grade of C or better in each EES course taken. These courses must include EES 1000 and EES 1001. Students must also take either EES 1002 and EES 1003 or EES 2004 and EES 2005 (cannot take both for Minor). Of the remaining 12 credit hours, 10 credit hours must be taken at the 3000-level or above. Also, at least 10 of the 20 credit hours must be taken at UNO.

Economics Minor

Students wishing to minor in Economics may do so by completing the following required courses and electives in Economics with a grade of C or better in each course:

Minor Requirements

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- plus nine hours of electives from economics courses at the 3000 or higher level.

Electrical Engineering Minor

Minor Requirements

Students wishing to minor in Electrical Engineering may do so by completing 19 hours of required courses and electives in Electrical Engineering (ENEE prefix) with a grade of C or better in each course.

Required Courses:

- ENEE 2550 - Circuits I - **Credits: 3**
 - ENEE 2551 - Circuits II - **Credits: 3**
 - ENEE 2510 - Circuits Laboratory - **Credits: 1**
- OR**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
 - ENEE 2582 - Digital System Design - **Credits: 3**

Other Courses:

In addition to the required courses, students must complete 9 hours of Electrical Engineering courses at the 3000 or 4000 level.

English Minor

Minor Requirements

Eighteen hours in English tailored to the needs of the student as approved by the Coordinator of Undergraduate English:

- Six hours of English department literature courses numbered 2000 or above.
- Twelve additional hours of English or Journalism courses numbered 2000 or above, nine of which must be at the 3000- or 4000-level.
- A minimum grade of C in each course taken for the Minor.

Entrepreneurship Minor

Students wishing to minor in entrepreneurship may do so by completing 18 credit hours in entrepreneurship. The student must take

Minor Requirements

- BA 4056 - Business Planning - **Credits: 3**
- FIN 3301 - Small Business Finance - **Credits: 3**

And four additional entrepreneurship courses to be chosen from:

- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
- BA 3056
- BA 3090 - Internship in Entrepreneurship - **Credits: 3**
- BA 3091 - Indep Study Entrepreneurship - **Credits: 3**
- BA 4076
- MANG 3070 - Managing the Family Business - **Credits: 3**
- MANG 3071 - Franchise Management - **Credits: 3**

- FIN 4222

Note:

A grade of C or better must be received in each course.

European Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in European Studies. The purpose of this Minor is to acquaint the student with historical and current knowledge of the European region, peoples, societies, economies, and cultures. The Minor signifies students have a basic and general understanding of this part of the world.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of courses in French, Italian, Spanish, German, Russian, or other relevant languages through 2002 or its equivalent.
- Completion of six credit hours in one of two core curricula:
- Core I: Social Sciences (ANTH 2052; GEOG 3190, Geography of Western Europe; HIST 1001, HIST 1002; POLI 2600).
- Core II: Arts and Letters (ENGL 2371, ENGL 2372; FA 2201, FA 2202; MUS 2201, MUS 2202; PHIL 2311, PHIL 2312).
- Credit courses in European Studies to be approved by the Coordinator, for a total of 12 credit hours with a minimum 2.0 grade-point average, to include at least six credit hours at the 3000 level or above. These 12 credit hours must be chosen from a minimum of three disciplines and must cover different time periods. Courses on Europe in the Major field that are counted as credits for that major may not also be counted toward this Minor.
- A minimum 2.0 grade-point average must be attained in all courses in the Minor program.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Film & Theatre Screenwriting Minor

The purpose of this Minor is to acquaint the student with current and historical practices in screenwriting for film, television and new media in a variety of lengths and genres, as well as to provide instruction and critique during the completion of creative work.

Interested students should contact the Film Program in the School of the Arts.

The requirements of the minor are as follows:

1. Completion of the requirements of a degree in one of the colleges at UNO.
2. Completion of 18 credit hours in the FTA department:

Minor Requirements

- FTA 2250 - Intro. to Screenwriting - **Credits: 3**
- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2330 - Acting II Intermediate - **Credits: 3**
- FTA 4251 - Advanced Screenwriting - **Credits: 3**
FTA 4251 is taken three times for a total of **9 Credits**.

Film and Theatre Minor

Minor Requirements

A Minimum of 14 Credit Hours

A minimum of 14 credit hours with a grade of C or better in the following courses:

- FTA 1005 - Intro to Theatre Arts - **Credits: 3**

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1** and/or (1-2)
- FTA 4400 - Development of Theatre - **Credits: 3**
- FTA 4540 - History of Cinema I - **Credits: 3**

An Additional Six Hours

An additional six hours selected from Film and Theatre Arts courses numbered 2000 or above.

Finance Minor

Students wishing to minor in Finance may do so by completing the following required courses and electives with a grade of C or better in each course:

Minor Requirements

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- plus nine hours of Finance electives - one of the electives must be at the 4000 level.

Fine Arts, Art History Option, Minor

Minor Requirements

A Minor in Fine Arts, Art History Option, requires the student take a total of 18 credit hours in Art History courses including the following:

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
or
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- Choose three classes: FA Art History at 3000-level and above - **Credits: 9**
A letter grade of "C" or better must be earned in each course. The courses may be taken as elective credits at any point in the undergraduate curriculum provided the student adheres to prerequisites and course-level restrictions listed in the Catalog.

Fine Arts, Studio Art Option, Minor

Minor Requirements

A Minor in Fine Arts, Studio Art Option, requires the student take a total of 18 credit hours in art studio courses including the following:

Choose three classes:

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
 - FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
 - FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**
 - FA 2002 - CORE STUDIO IV - Time / Motion / Narrative - **Credits: 3**
- Credits: 9**

Choose three classes:

- FA 3301 - Drawing Techniques and Concept - **Credits: 3**
 - FA 3451 - Photography I - **Credits: 3**
 - FA 3551 - Digital Art, Video and Animation I - **Credits: 3**
 - FA 3651 - Sculpture and Extended Media I - **Credits: 3**
 - FA 3751 - Painting I - **Credits: 3**
 - FA 3851 - Printmaking I - **Credits: 3**
- Credits: 9**

A letter grade of "C" or better must be earned in each course. The courses may be taken as elective credits at any point in the undergraduate curriculum provided the student adheres to prerequisites and course-level restrictions listed in the Catalog.

Total Credits: 18

French Minor

Minor Requirements

A Minor requiring FREN 2002 and 15 additional credit hours of upper-level French with a 2.0 grade point average.

- FREN 2002 - Intermediate French II - **Credits: 3**
- French Electives, 3/4000-level **Credits: 15**

Geography Minor

Minor Requirements

A Minor in Geography requires the student take a total of 18 credit hours including the following:

- GEOG 1001 or GEOG 1002.
- Six hours selected from among Geography courses at the 2000 level
- Nine hours selected from among Geography courses at the 3000 level or above.
- A letter grade of "C" or better must be earned in each course.

Global Business Studies Minor

Students may earn a minor in Global Business Studies by completing 18 credit hours from the following courses with a minimum letter grade of C or better in each course:

Minor Requirements

- ECON 4261 - International Trade Theory - **Credits: 3**
- ECON 4306 - International Finance - **Credits: 3**
- OR
- FIN 4306 - International Finance - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 4319 - Wines of the World - **Credits: 3**
- HRT 4250 - International Tourism - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

History Minor

Minor Requirements

To achieve a Minor in History the student must complete 18 hours credit in history with a 2.0 average. At least 50% of the credit hours must be in courses numbered 3000 or above. Students should consult with a history advisor in planning a minor.

Hotel, Restaurant and Tourism Administration Minor

Students must complete 18 credit hours in Hotel, Restaurant, and Tourism Administration with a letter grade of C or better in all courses as follows:

Minor Requirements

- HRT 2000 - Intro to HRT Administration - **Credits: 3**

And choose six credit hours from

- HRT 2020 - Hotel Operations - **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 2070 - Introduction to Conventions - **Credits: 3**

Note:

In addition, students must have nine credit hours at the 3000 or 4000 level.

Information Systems Management Minor

Students wishing to minor in Information Systems Management may do so by completing 18 credit hours in approved management information systems courses. Students must take MANG 3778, and five of the following:

Minor Requirements

- MANG 4710 - Innovation Management - **Credits: 3**
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- MANG 4735
- MANG 4740
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG 4760 - Managing Electronic Commerce - **Credits: 3**
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

Note:

A grade of C or better must be received in each course.

Latin American, Caribbean, and Circum-Caribbean Studies Interdisciplinary Minor

Minor Requirements

The BAIS Program in the College of Liberal Arts, Education and Human Development administers the minor in Latin American and Caribbean Studies. The minor signifies that students have a basic and general understanding of this part of the world. Courses up to master's level in Spanish language. Classes in the social sciences, humanities, business, and science-all with a focus on Latin America and the Caribbean-are also on offered on a regular basis.

Management Minor

Minor Requirements

Students wishing to minor in management may do so by completing 18 credit hours in management courses at or above the 3000 level with a letter grade of C or better in each course.

Marketing Minor

Students wishing to minor in marketing may do so by completing 18 credit hours in marketing courses at or above the 3000 level with a letter grade of C or better in each course. The student must take:

Minor Requirements

- MKT 3501 - Principles of Marketing - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**
- And a minimum of four additional marketing courses at the 3000 or 4000 level.

Mathematics Minor

An undergraduate minor in mathematics may be obtained by completing at least 18 credit hours of mathematics courses at the 2000-level or higher with a grade of C or better in each course. Nine of the hours shall be at or above the 3000 level. At least nine credit hours must be taken at UNO.

Music Minor

Course Requirements

A minimum of 22 credit hours of music, with a grade of C or better in each course, is required for a Minor in Music.

Students must audition on their instrument or voice to be accepted into the Music Minor.

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**

Ensemble Credits: 2

Chosen in consultation with an advisor

Upper-level Music Electives Credits: 4

(No more than 1 credit may be ensemble.)

Philosophy Minor

Minor Requirements

A minimum of 18 credit hours of Philosophy, with a grade-point average of at least 2.0, is required for a Minor in Philosophy. At least 50% of the hours must be in courses numbered 3000 or above; another six hours must be in courses numbered 2000 or above. Minors in philosophy are also required to complete at least one course in each of three of the four central areas of philosophy, as defined in the requirements for majors.

Physics Minor

An undergraduate minor in physics may be obtained by completing 18 credit hours in physics with a grade of C or better in each course.

Minor Requirements

These 18 credit hours will consist of

- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
OR
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1032 - General Physics II - **Credits: 3**
OR
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1034 - General Physics Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**

- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
or departmentally-approved alternatives.
The last nine hours must be taken at UNO.

Political Science Minor

Minor Requirements

Students must complete 18 credit hours in Political Science, including POLI 2151 and POLI 2600 or POLI 2700. The remaining twelve hours are to be chosen from Political Science courses at the 3000 level or above. A 2.0 average must be achieved in these courses in order to earn the Minor.

Political Science, Pre-Law Concentration, Minor

Minor Requirements

Students must complete 18 credit hours in political science, including POLI 2151, and POLI 2600 or POLI 2700. The remaining 12 hours are to be chosen from POLI 2450, POLI 4410, POLI 4420, POLI 4440, POLI 4640, and POLI 4860. A 2.0 average must be achieved in these courses in order to earn the Minor.

Psychology Minor

Minor Requirements

For an undergraduate minor in psychology, a minimum of 18 credit hours is required, including Psychology 1000 and at least three 3000-4000-level courses (nine hours). For a student transferring from another university, at least nine of the 18 hours must be earned at UNO. A student may not use credit in both PSYC 1500 and PSYC 1520 toward the minor. A grade of C or better in psychology courses must be achieved in order to have the minor listed on the student transcript.

Sociology Minor

Minor Requirements

Students must complete the following requirements for a Minor in Sociology:

- A minimum of 18 credit hours in Sociology with a 2.0 grade point average.
- SOC 1051 or equivalent.
- SOC 2708 or equivalent. POLI 2900 or PSYC 2300 will substitute for this requirement but will not reduce the required number of credit hours in Sociology.
- A minimum of nine credit hours in Sociology courses numbered 3000 or higher.

Spanish Minor

Minor Requirements

A Minor requiring Spanish 2002 and 15 additional credit hours of upper-level Spanish with a 2.0 grade point average.

- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- Spanish Electives 3/4000-level **Credits: 15**

Women's and Gender Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Women's and Gender Studies. The purpose of this Minor is to acquaint the student with current and historical knowledge of the fields of Women's and Gender Studies. The Minor signifies the student has a basic and general understanding of existing scholarship on women and gender.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
 - Completion of WGS 2010, Introduction to Women's, Gender and Sexuality Studies.
 - Credit in courses on Women's and Gender Studies, to be approved by the Director of Women's and Gender Studies, for a total of 18 credit hours with a 2.0 grade point average, to include at least 50% of the credit hours at the 3000 level or above.
 - To complete the 18 credit hours, the student must choose from a minimum of three disciplines, with no more than six credit hours from any one discipline.
- Interested students can contact the Director of the Women's and Gender Studies Program through the College of Liberal Arts, Education and Human Development office.

Undergraduate Certificate

Data Engineering Undergraduate Certificate

Prerequisite Courses for Required Courses

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed below:

- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2124 - Calculus II - **Credits: 4**

Prerequisite Courses for ENEE 3582 option

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed below:

- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**

Required Courses

- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- MATH 4311 - Intro Mathematical Statistics - **Credits: 3**

Elective Courses (Choose two of three)

- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3571 - Cloud Technology Foundations - **Credits: 3**
- ENEE 4583 - Deep Learning - **Credits: 3**

Power and Energy Systems Undergraduate Certificate

Prerequisite Courses

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed next:

MATH 2114 Calculus I

MATH 2124 Calculus II

PHYS 1061 Physics for Science and Eng. I

PHYS 1062: Physics for Science and Eng. II

Requirement

- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 3521 - Electric Machinery - **Credits: 3**
- ENEE 3522 - Elec Power Systems - **Credits: 3**
- ENEE 3511 - Energy Conversion Laboratory - **Credits: 1**

Electives (Choose two)

- ENEE 4522 - Power System Planning & Design - **Credits: 3**
- ENEE 4526 - Protective Relaying Power Syst - **Credits: 3**
- ENEE 4543 - Power-Electronics - **Credits: 3**
If students choose ENEE 4534, they also need: ENEE 3540 Engineering Electronics, Credits 3
- ENEE 4096 - Undergraduate Ind Study - **Credits: 3**
(Renewable Energy Systems and Microcrids)

Software Engineering Undergraduate Certificate

The Undergraduate Certificate in Software Engineering is designed to teach students how to apply the principles of software engineering to the design, development, testing and maintenance of software systems.

Prerequisite Courses

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**

Required Courses

- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- CSCI 4210 - Introduction to Software Engr - **Credits: 3**

Optional Courses (Choose Two)

- CSCI 4208 - Developing Advanced Web Applic - **Credits: 3**
- CSCI 4661 - Mobile Apps Dev - **Credits: 3**
- CSCI 4990 - Special Topics CSCI - **Credits: 3**
- CSCI 3097 - Problems in Computer Science - **Credits: 1 - 3 (Variable)**
(Internship. Must equal 3 credits to count for requirement.)

Programs (A-Z)

Accounting Minor

Students may earn a minor in accounting by completing 19 hours of accounting courses with a cumulative GPA of 2.0 or better in all accounting courses attempted. Twelve hours of these accounting courses **must** be completed at UNO with a cumulative GPA of 2.0 or better. The following accounting courses comprise the minor in accounting:

Minor Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- and six hours of accounting electives from accounting courses open to accounting majors for degree credit.
- Three of the six hours of accounting electives must be 3000 level or above.
- ACCT 2130 may not be used for credit toward the minor in accounting.

Accounting, B.S.

Student Learning Outcomes

- Students will demonstrate a proficiency in financial accounting and governmental accounting concepts.
- Students will demonstrate proficiency in auditing concepts.
- Students will demonstrate a proficiency in individual income taxation concepts.
- Students will demonstrate proficiency in cost/managerial accounting and accounting information system concepts.
- Students will demonstrate the effective use of computers and information technology.
- Students will demonstrate a proficiency in conducting auditing, financial accounting, and tax research.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**³
- Other Physical Science **Credits: 3**³
- BIOS or same as physical Science **Credits: 3**³

Humanities

- Humanities Elective - **Credits: 6**^{2,3}
- ENGL Literature - **Credits: 3**³

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**³

Arts

- Arts **Credits 3**³

Total Credit Hours: 39

Other Requirements

- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Electives **Credits: 13**²
- Business Elective **Credits: 3**²

Total Credit Hours: 50

Course Requirements for Major

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**¹
- ACCT 3123 - Adv Financial Accounting - **Credits: 3**
- ACCT 3124 - Governmental Accounting - **Credits: 3**
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- ACCT 3152 - Tax Accounting I - **Credits: 3**
- ACCT 3161 - Auditing - **Credits: 3**
- ACCT Elective 4000 Level **Credits: 3**

Total Credit Hours: 31

Total Credit Hours Required: 120

- "C" or better required
- Must select either FTA 2650 as a Humanities or MANG 2472, MANG 3474 as an Elective or Business Elective
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- Arts **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**³

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**²
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Humanities **Credits: 3**²
- MANG 2790 - Business Communication - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- ACCT 3122 - Intermediate Accounting II - **Credits: 3**¹
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- Literature **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Second Term

- ACCT 3152 - Tax Accounting I - **Credits: 3**
- ACCT 3123 - Adv Financial Accounting - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- ACCT 3161 - Auditing - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- Business Elective **Credits: 3**²
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Second Term

- ACCT 3124 - Governmental Accounting - **Credits: 3**
- ACCT Elective 4000 level **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- Must select either FTA 2650 as Humanities Elective or MANG 2472, MANG 3474 as Elective or Business Elective.
- Required for all first-time full-time students.

Pre-CPA Program

Purpose

The purpose of the Pre-CPA program is to provide the courses needed to take the CPA exam in Louisiana. The program is intended to be an alternative to rather than a replacement for the Master of Science programs.

Requirements

To be eligible to take the CPA exam in Louisiana an individual must meet the following criteria from a university or college approved by the board:

- Possess at least a baccalaureate degree,
- Have at least 150 semester hours of post-secondary, graduate, or post-graduate education classes,
- Have college/university credit for the specific accounting courses and electives, and
- Have college/university credit for twenty-four hours of business courses including a course in commercial law as it affects accountancy.

Accounting courses: 24 hours above Principles

Business Courses: 24 hours including 3 hours of Business Law (BA 3021) as it affects accountancy.

See Department for specific courses and limitations. Additional details regarding the requirements to take the CPA exam are listed at: www.cpaboard.state.la.us

Accounting, M.S.

Student Learning Outcomes

- Students will demonstrate proficiency in Accounting Theory and Managerial Accounting.
- M.S. Accounting students will demonstrate business planning acumen.
- Students will demonstrate proficiency in conducting accounting research and in writing.

Program Overview

The M.S. in Accounting program is designed to prepare students for careers in various areas of professional accounting. It also helps persons already employed in accounting positions to advance in their careers. The program also serves as a foundation for more advanced studies, such as the Ph.D. degree. For students desiring a greater specialization in accounting information systems auditing, or finance, concentrations in these areas are offered within the Master of Science in Accounting program.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the Master of Science programs should have an academic record which clearly indicates a high level of achievement. In addition, the applicant should submit satisfactory scores on the Graduate Management Admission Test (GMAT) and an undergraduate GPA of at least 2.8. The admissions committee may consider other factors such as work experience in making a determination for admission. Applicants must be advanced in English comprehension and be able to participate in class discussion. Additional coursework in English may also be required.

Preparatory Courses

The graduate programs build on the students' technical competence in undergraduate accounting and business courses. To provide a background for successful study at the graduate level, a series of preparatory courses or their equivalents must be completed before enrolling in courses for graduate credit. Students with a non-business undergraduate degree should expect to take the bulk of the preparatory courses before admission to the graduate program.

The specific undergraduate foundation courses are from the areas of accounting, economics, finance, management, marketing, and statistics*. These courses do not have to be completed at UNO, but a C or better grade is required in each*. The Master of Science degree in accounting requires 43-48 credit hours of these specific preparatory courses while the Master of Science in Tax Accounting degree requires 36-42 credit hours.

*See department for specific courses. The Business courses may be taken at the 4400 level to reduce the total number of hours.

Degree Requirements

The Master of Science programs in accounting require 30 hours of graduate course work. A minimum of 21 hours of these classes must be at the 6000 level. Depending on a particular curriculum, this will permit a student to use up to nine hours of 5000 classes toward his/her degree. Each student must also have at least 15 hours of 6000 level accounting classes. Included in that total there must be at least 12 hours of 6000 level accounting classes other than ACCT 6126 ACCT 6167 and ACCT 6168

Only classes numbered 5000 and 6000 can be used toward the total credits for the Master of Science programs.

Required accounting courses

- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- Approved accounting electives **Credits: 12** *

Approved Electives

- Accounting or other business administration courses **Credits: 6**
- Free Elective **Credits: 3**

Total Credits Required: 30

Accounting Information Systems Concentration

Required courses

* See department for specific courses and see "degree requirements" above.

- ACCT 5142 - IT Audit & Adv Acct Info Sys - **Credits: 3**
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6143 - Sem Accounting Info System - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- MANG 6710 - Innovation Management - **Credits: 3**
- OR
- MANG 6730 - Business Information Systems Analysis and Design **Credits: 3**

- Approved accounting electives **Credits: 6 ***
- Approved Accounting or other Business Administration Courses **Credits: 6**

Total Credits Required: 30

Auditing Concentration

Required courses

- ACCT 5162 - Advanced Auditing - **Credits: 3**
- ACCT 6167 - Internal Auditing Concepts - **Credits: 3**
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6169 - Fraud Examination - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- ACCT 6163 - Seminar in Auditing - **Credits: 3**
- OR
- ACCT 6168 - Internal/Operational Auditing - **Credits: 3**

- Approved accounting electives **Credits: 3**
- Approved electives*
- Non-Accounting course **Credits: 3**
- Accounting or other business administration course **Credits: 3**

Total Credits Required: 30

Finance Concentration

Required courses

*See the department for specific courses.

**To be selected from any 5000 or 6000 level Finance course except:

- A thesis course, or
- A directed study course
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- Approved accounting electives **Credits: 9 ***
- Approved business electives (including accounting) **Credits: 3 ***
- Approved finance course **Credits: 3 ****

Total Credits Required: 30

Accounting/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Accounting and the Master of Business Administration degree.

Actuarial Mathematics Minor

Minor Requirements

An undergraduate minor in actuarial mathematics may be obtained by completing at least 18 credit hours in mathematics including

- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- MATH 4801 - Actuarial Prob I - **Credits: 3**
- MATH 4802 - Actuarial Prob II - **Credits: 3**
- MATH 4803 - Financial Math I - **Credits: 3**
with a grade of C or better in each course.
At least nine credit hours must be taken at UNO.

Africana Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Africana Studies. The purpose of this Minor is to acquaint the student with current and historical knowledge of the black experience in Africa, the Americas, and other parts of the world drawing from courses in the College of Liberal Arts, Education and Human Development as well as approved courses offered by the other Colleges. The Minor signifies the student has a basic, general understanding of the significant contributions made by African people in Africa and in the African Diaspora.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of HIST 1010, either ENGL 2071 or ENGL 2072, and either HIST 3551 or HIST 3552.
- Completion of nine credit hours to be taken from a list of approved courses. To complete 18 credit hours, the student must choose courses from a minimum of three disciplines. At least 50% of the credit hours must consist of courses at the 3000 level or above.
- The Coordinator may permit substitution of as many as six of these 18 hours with UNO Special Topic or Independent Study courses. Appropriate courses offered at UNO or other universities may be suggested as substitutes. The Coordinator may assign each student to a faculty advisor who will help the student design the Minor program. Courses on Africana Studies in the Major field that are counted as credit hours for that Major may not also be counted toward this Minor.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

American Humanics Certification Program

The American Humanics Certification Program prepares students for careers with youth and human service organizations. Program participants must join the American Humanics Student Organization and complete the following courses required for certification.

Course Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- SOC 4101 - Social Organization - **Credits: 3**
OR
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
OR
- MANG 3411
- OR
- POLI 4101

- SOC 4191 **Credits: 3**¹
- SOC 4192 **Credits: 3**²
- SOC 3091 - Independent Work - **Credits: 1**³
- SOC 3096 - Internship Sociology - **Credits: 3** AND
- SOC 3097 - Internship in Sociology - **Credits: 3**
OR
- MANG 3090 - Internship in Management - **Credits: 3**
OR
- POLI 4998
OR
- PSYC 3095 - Fld Exp in Applied Psychology - **Credits: 3**
OR
- ANTH 4790 - Internship in Anthropology - **Credits: 3**
OR
- ENGL 4398 - Internship in English - **Credits: 3**⁴

Total Credits: 22

- SOC 4191 (Seminar in Not-For-Profit Organizations) is cross-listed with LSU-Shreveport (SOCL 492) and may be taken for UNO credit via the compressed video system.

- SOC 4192 (Practicum in Not-For-Profit Organizations) is a one credit course that must be repeated for at least three hours of credit. This course is cross-listed with LSU-Shreveport (SOCL 392) and may be taken for UNO credit via the compressed video system.
- All program participants must attend the American Humanics Training Institute for at least one four-day session at their own expense (estimated cost \$800) for which they will earn one credit of independent study (SOC 3091).
- American Humanics interns must work in a non-profit setting. American Humanics internships require at least a 2.5 overall GPA, or at least a 2.75 GPA in the student's last 30 hours. Students interested in the American Humanics Certification Program register through the undergraduate coordinator in the Sociology Department.

Anthropology Minor

Minor Requirements

Students who wish to secure a significant background in anthropology while majoring in another area may do so by earning 18 credit hours in anthropology courses, including ANTH 2052 and at least twelve hours at or above the 3000 level (exclusive of ANTH 3896 and ANTH 4991). Successful completion of these requirements with an average of at least 2.0 in the Minor will result in a Minor in Anthropology.

Anthropology, B.A.

Student Learning Outcomes

- Students will acquire a broad foundation in critical anthropological thinking, as well as knowledge of the history of the discipline.
- Students will acquire knowledge of and experience in anthropological research methods.
- Students will be able to communicate, in oral and written forms, on subjects of anthropological significance.
- Students will be able to competently explain how anthropological theory and methods can be used in applied contexts.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- FORL 2001 **Credits: 3**
- OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- Literature **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Upper-level Non-major Electives **Credits: 6**⁴
- Social Sciences Elective 2000+ level (Not Anthropology) **Credits: 6**⁶
- General Electives **Credits: 21 or 24**

Total Credit Hours: 48

Course Requirements for Major

- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- ANTH 3201 - Field Methods Archeology - **Credits: 3**
- OR
- ANTH 3301 - Doing Ethnography - **Credits: 3**
- ANTH 4000+ (not 4990) **Credits: 9**

- ANTH 4768 - Anthropology and Policy - **Credits: 3**
- OR
- ANTH 4721 - Cultural Resources Management: Theory & Practice - **Credits: 3**
- OR
- ANTH 4772 - Applied Anthropology - **Credits: 3**
- OR
- ANTH 4775 - Urban Anthropology - **Credits: 3**
- ANTH 4801 - Hist of Anthropological Theory - **Credits: 3**
- ANTH 4995 - Anthro of Contemporary Issues - **Credits: 3**⁷
- ANTH 4000+ (not 4990) **Credits: 9**
- ANTH Area Studies **Credits: 3**
- ANTH Electives **Credits: 6**⁸

Total Credit Hours: 33

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

- "C" or better required
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Students can fulfill this requirement with courses from the subject areas listed as Liberal Arts Approved Electives, or by taking courses at the 3000+ level in social sciences or arts, thereby fulfilling two requirements at once. The application of a course to two requirements, however, does not reduce the total number of hours required for graduation.
- Must complete nine credit hours in one language or twelve credit hours in two languages. If the 12 hour option is chosen, the 21 hours of approved electives must include three hours of 2000+ humanities.
- Select from ECON, GEOG, POLI, PSYC or SOC. 3 hours must be 2000 level course. [Check General Education Courses](#) to confirm what courses fulfill this requirement.
- Course fulfills university oral competency requirement
- No more than three ANTH credit hours at the 1000 level may count toward the Major.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- BIOS **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- ANTH 1xxx **Credits: 3**¹
- UNIV 1001 - University Success - **Credits: 1**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH **Credits: 3**
- Physical Science **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- BIOS or Other Physical Science **Credits: 3**
- Humanities 2000+ **Credits: 3**
- FORL 1001 **Credits: 3**
- ANTH 3301 - Doing Ethnography - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- FORL 1002 **Credits: 3**
- Social Science 2000+, non ANTH **Credits: 3**
- General Elective **Credits: 3**
- ANTH area studies **Credits: 3**²

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 2001 **Credits: 3**
- Non Major 3000+ elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4000+ **Credits: 3**

- ANTH 4768 - Anthropology and Policy - **Credits: 3**
OR
- ANTH 4772 - Applied Anthropology - **Credits: 3**
OR
- ANTH 4775 - Urban Anthropology - **Credits: 3**

Total Credit Hours: 15

Second Term

- Non Major 3000+ elective **Credits: 3**
- General Elective **Credits: 3**

- General Elective **Credits: 3**
- ANTH 4000+ **Credits: 3**
- ANTH Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Social Science 2000+, non ANTH **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4801 - Hist of Anthropological Theory - **Credits: 3**³
- ANTH 4000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ANTH 4995 - Anthro of Contemporary Issues - **Credits: 3**⁴
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Only 1 1000 level Anthropology course may count toward the Major.
- Area studies courses focus on a cultural area and are generally at the 3000 level in Anthropology. One is offered every semester.
- This course is offered every 3 semesters and should be taken in either the 3rd or 4th year.
- ANTH 4995 is offered every spring and should be taken as close to graduation as possible.

Applied Physics, M.S.

The Physics Department offers the MS degree in Applied Physics. The program is flexible enough to accommodate students planning on continuing graduate studies in applied physics, physics, or an interdisciplinary field, as well as students intending to enter the work force.

The department currently has strong research programs in theoretical and computational aspects of acoustics, geophysics, electromagnetics, continuum mechanics, and astrophysics. Excellent experimental research activities are being conducted in condensed matter and materials physics, magnetism, spintronics, surface physics, and observational astronomy.

The department also participates in the Doctor of Philosophy in Engineering and Applied Science program. Interested students should refer to the beginning of this Graduate Programs in Sciences section for a description of the program, admission criteria, and curricular requirements.

Student Learning Outcomes

- Students will be able to apply advanced concepts in electrodynamics, classical mechanics, thermodynamics, and mathematical methods to real-world research problems.
- Students will be able to communicate scientific research results and related physics concepts in oral and written form.
- Student will be able to independently design and conduct experimental and/or computational physics research projects including data acquisition, computer simulations and analysis.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants should have undergraduate coursework in general chemistry, mathematics through differential equations, and classical physics. Strong

applications have an education record with a high level of performance and promise, particularly in the field of physics. Applicants must submit valid GRE scores.

Degree Requirements

Entering students can choose to follow a targeted applied physics emphasis or a traditional applied physics emphasis for their degree. Students who choose a targeted emphasis are those preparing for a career which targets specific areas of applied physics such as materials science, optics, acoustics, or geophysics, and those planning to work in interdisciplinary areas such as computational physics (scientific computing), biophysics, chemical physics, physical oceanography, or engineering physics. This emphasis selection provides excellent preparation for interdisciplinary doctoral studies. Entering students choosing this emphasis are not necessarily expected to have completed all the courses that an undergraduate physics major takes, but they should have a good grounding in classical physics or be willing to make up deficiencies. Additional classical physics courses are expected to form part of the degree program. The student may choose to do 24 hours of coursework and a thesis, or 33 hours of coursework and no thesis. The graduate work must include at least 18 hours of physics (including thesis if a thesis is done) and 9 hours in a specialty area (which may be applied physics). At least 18 hours of work must be at a level of 6000 or above. The program of study must be approved by the student's Master's committee or the Department Graduate Advisory Committee.

The traditional emphasis is for those preparing for a career in which basic physics plays a central role, including those aspiring to employment heavily dependent on physics and those planning to continue into a Doctor of Philosophy program in applied physics or in physics. Except in limited unusual circumstances, the student is expected to do a thesis and 24 hours of course work. Of the 24 credit hours of coursework students selecting this emphasis are expected to take a minimum of 18 hours in physics of which at least 12 are taken in courses numbered above 6000. The program of study must be approved by the student's Master's committee or the Department Graduate Advisory Committee.

Each graduate student is expected to participate in the weekly seminar, PHYS 6198. (A maximum of one hour credit in PHYS 6198 may be used to satisfy program requirements.) After coursework is substantially complete, the candidate will be required to take a comprehensive examination. In the case of students who elect to do a thesis, the comprehensive examination will be an oral one in which the questions will be primarily on the thesis and related matters. Both emphasis choices offer excellent preparation for the interdisciplinary UNO Doctor of Philosophy program in Engineering and Applied Science, of which Physics is a strong participating department.

Financial Aid

Teaching assistantships are available to a limited number of qualified applicants. Research assistantships and fellowships supported by grant funds of individual faculty members are also available.

Arts Administration, M.A.

Program Overview:

The Master of Arts in Arts Administration is designed to prepare students for careers in arts management and cultural policy with emphasis on practical field experience. Core courses cover performing and visual arts, commercial entertainment and non-profit, and the gamut of established institutions, startup enterprises, and work with individual artists. Elective options allow students to explore areas of individual interest, taking advantage of the culture-rich environment of New Orleans. A capstone internship synthesizes the knowledge gained. Courses are taught by leading experts in the field, and are scheduled to accommodate working students.

Student Learning Outcomes

- Students will understand and be able to apply the concepts, issues, and best practices in arts marketing, legal matters, development, community arts engagement, and public policy.
- Students will understand the basics of producing and exhibiting both performing and visual arts, in both mission- and profit-driven contexts.
- Students will hone their writing and public presentation to meet the wide range of communication demands of the professional arts manager.
- Students will be able to budget, track, and report on the financial outcome of events, and understand funding and the financial records of an organization.
- Students will synthesize class learning with practical experience by applying arts administration skills in actual working environments.

Admission

A student must be accepted by both the Graduate School and the Arts Administration Program. To be admitted to graduate studies in Arts Administration, a student must provide a written Statement of Purpose and three Letters of Recommendation. Work experience in business and/or the arts is desirable but not required.

Program Scope

The Program encompasses a full range of topics associated with the visual and performing arts business and cultural infrastructure, arts advocacy and public policy, and arts in communities. With faculty guidance, during the course of their studies students will choose and pursue areas of specialization and pursue a pattern of study best suited to their interests and career goals.

Degree Requirements

Students must earn 42 credit hours, including 6 credits from a supervised Internship.

Requirements are:

Core Required Courses (10-3 Credit Hours Each):

- AADM 6200 - Arts Organizations & Business - **Credits: 3**
- AADM 6223 - Finance for Not-for-Profit Organizations
- AADM 6501 - Development for Arts Orgs - **Credits: 3**
- AADM 6502 - Arts Admn Legal & Bus Appl - **Credits: 3**
- AADM 6503 - Marketing the Arts - **Credits: 3**
- AADM 6507 - Research in the Arts - **Credits: 3**
- AADM 6508 - Arts Leadership - **Credits: 3**
- AADM 6509 - Arts Educ for Admin - **Credits: 3**
- AADM 6601 - Writing & Pres for Art Adm - **Credits: 3**
- AADM 6607 - Public Arts Policy - **Credits: 3**

Electives (2, chosen from the following - credit hours each)

- AADM 6506 - Musical Overview Arts Administ - **Credits: 3**
- AADM 6505 - Seminar in Arts Administration
- AADM 6609 - Arts and Community - **Credits: 3**
- AADM 6610 - Public Relations in the Arts - **Credits: 3**
- AADM 6611 - Branding in the Arts - **Credits: 3**
- AADM 6620 - Fundraising Event Planning - **Credits: 3**
- AADM 6621 - Grant Writing - **Credits: 3**
- AADM 6900 - Practicum in Arts Admin - **Credits: 1 - 3 (Variable)** (240 hours supervised internship) (maximum two per student)
- AADM 6090 - Arts Adm Ind Study - **Credits: 1 - 3 (Variable)**
- Museum Studies courses in the SUNO Graduate School (cross-enrollment)
- Approved alternative UNO graduate course

Thesis/Final Project Option

Students must choose either the thesis or the final internship and report option

Capstone internship degree requirements:

- Comprehensive exams in the areas of Development, Marketing and Legal
- AADM 6990 A supervised internship of 480 documented hours with an approved cultural institution (6 credit hours, including report and analysis). Credits may be taken in 1-6 credit levels depending on placement.
- Internship Report and Host Institution Analysis (non-thesis) presentation and committee defense

OR

Thesis Degree Requirements

- Comprehensive exams in the areas of Development, Marketing and Legal
- AADM 7000 - Thesis Research - **Credits: 1 - 6 (Variable)** plus the Thesis and committee defense.

Financial Aid

Graduate assistantships are available through the Program to a limited number of qualified applicants each year.

Limited scholarships are available.

Asian Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Asian Studies. The purpose of this Minor is to acquaint students with current and historical knowledge of the Asian region, peoples, and cultures. The Minor signifies students have a basic and general understanding of this part of the world.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
 - Completion of four semesters (a minimum of 12 credit hours) of Chinese, Japanese, or other relevant language through 2002 or its equivalent.
 - Completion of HIST 2201 and HIST 2202 (the survey of Asian civilizations).
 - Credit in courses on Asia to be approved by the Coordinator, for a total of 12 credit hours in addition to the language and history requirement. At least six credit hours must be at the 3000 level or above. In addition, six of the 12 credit hours must be chosen from at least two disciplines outside of history and language, with no more than nine credit hours from any one discipline. Courses on Asia in the major field that are counted as credit hours for that Major may not also be counted toward this Minor.
 - A minimum 2.0 grade-point average must be attained in all courses in the minor program.
- Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Biological Sciences Minor

Minor Requirements

An undergraduate minor in biological sciences may be obtained by completing at least 18 credit hours in biological sciences with a grade of C or better in each course. Departmental and course prerequisites must be observed. Biological Sciences electives may not be chosen from courses designed for non-majors only. At least 9 hours must be at the 3000 level or above, with a maximum of 3 credit hours of BIOS 3092. At least 9 hours must be completed at UNO.

Biological Sciences, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Biological Sciences.

Biological Sciences, B.S.

Student Learning Outcomes

- Explain core concepts for biological literacy including: evolution; biological structure-function relationships; information flow; pathways and transformations of energy and matter; interconnectedness and interactions of living systems.
- Communicate biological information in written and oral form.
- Critically evaluate scientific literature and communicate research findings to broad audiences.
- Interpret and accurately communicate data and analyses.
- Use basic scientific techniques and instrumentation to generate biological data.
- Effective application of laboratory and/or field techniques.
- Collaborate effectively as a member of a laboratory/research group.
- Use quantitative reasoning, modeling and statistics to describe living systems.
- Ability to draw biological inferences from raw data.
- Proficiency in data analysis and interpretation.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- **OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**^{1,2}
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**^{1,2}

Science

- BIOS 1083 - Biology I - **Credits: 3**¹
- BIOS 1073 - Biology II - **Credits: 3**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**¹

Humanities

- Foreign Language I and II **Credits: 6**³
- Literature **Credits: 3**⁴

Social Sciences

- Social Sciences elective **Credits: 6**⁴

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**¹
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**¹
- CHEM 1018 - General Chemistry II - **Credits: 3**¹
- CHEM 2217 - Organic Chemistry I - **Credits: 3**¹
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**¹

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**¹

- PHYS 1032 - General Physics II - **Credits: 3**
OR
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

- PHYS 1034 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

- Approved Electives **Credits: 25**⁵

Total Credit Hours: 47

Course Requirements for Major

- BIOS 1071 - Biology II Laboratory - **Credits: 1**¹
- BIOS 1081 - Biology I Laboratory - **Credits: 1**¹

- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**¹
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**¹
- BIOS Elective **Credits: 24**^{6,7,8,9,10}
- BIOS 4010 - Senior Comprehensive Exam - **Credits: 0** (exit exam)

Total Credit Hours: 34

Total Credit Hours Required: 120

- "C" or better required
- MATH 2114, MATH 2124 with a C or better may be substituted for MATH 1125, MATH 1126
- Completion of six credit hours in one foreign language is required
- Check General Education Courses to confirm what courses fulfill this requirement.
- Approved electives: MATH 1115 may count as a free elective.
- A maximum of 4 BIOS elective credit hours may be at the 2000 level (BIOS 2002, BIOS 2082, BIOS 2090, BIOS 2092, BIOS 2313, BIOS 2553, BIOS 2663, BIOS 2743, BIOS 2741, BIOS 2904, BIOS 2914).
- A maximum of 7 credit hours may consist of research/apprenticeship (BIOS 2002, BIOS 2082, BIOS 2092, BIOS 3091, BIOS 3092, BIOS 4091) or seminar (BIOS 3091) courses.
- A minimum of 17 credit hours must be lecture or lecture/laboratory courses at the 3000/4000 level (BIOS 3113, BIOS 3284, BIOS 3373, BIOS 3354, BIOS 3453, BIOS 3490, BIOS 3590, BIOS 3651, BIOS 3653, BIOS 3854, BIOS 3953, BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4413, BIOS 4453, BIOS 4490, BIOS 4524, BIOS 4534, BIOS 4543, BIOS 4590, BIOS 4644, BIOS 4713, BIOS 4723, BIOS 4844, BIOS 4933, BIOS 4974).
- A minimum of two courses at the 3000/4000 level must have a laboratory component (BIOS 3354, BIOS 3651 and BIOS 3653, BIOS 3854, BIOS 4524, BIOS 4534, BIOS 4644, BIOS 4844, BIOS 4914, BIOS 4974).
- A minimum of two courses must be at the 4000 level (BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4490, BIOS 4524, BIOS 4534, BIOS 4543, BIOS 4590, BIOS 4644, BIOS 4713, BIOS 4723, BIOS 4844, BIOS 4914, BIOS 4933, BIOS 4974).

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science elective **Credits: 3**
- Elective (BIOS 1001 or BIOS 1002) **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**

Total Credit Hours: 14

Second Year of Enrollment

First Term

- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- Foreign Language I **Credits: 3**

- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Total Credit Hours: 14

Second Term

- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- Foreign Language II **Credits: 3**
- BIOS elective 2000 level **Credits: 4**
- Literature **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- BIOS 3000+ **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3 AND**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3 AND**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- Arts **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- BIOS 3000+ **Credits: 3**
- BIOS 3000+ **Credits: 3**

- PHYS 1032 - General Physics II - **Credits: 3 AND**
- PHYS 1034 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1062 - Physics Sci Engr II - **Credits: 3 AND**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- Social Science Elective **Credits: 3**

Total Credit Hours: 13

Fourth Year of Enrollment

First Term

- BIOS 3000+ **Credits: 4**
- BIOS 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 16

Second Term

- BIOS 4010 - Senior Comprehensive Exam - **Credits: 0** (exit exam)
- BIOS 3000+ **Credits: 4**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Biological Sciences, M.S.

Program Overview:

The Master of Science in Biological Sciences prepares students for employment in a variety of careers (biomedical technician, natural resource manager, biology education) or for further study towards graduate or professional degrees. The program features coursework and research opportunities in areas ranging from cellular and molecular biology to ecology and environmental biology.

Student Learning Outcomes

- Present effective oral and visual summaries of independent research.
- Orally explain the rationale, design, and analysis of a scientific study to a general scientific audience.
- Demonstrate mastery of concepts and experimental approaches in a specific area of biology appropriate to the student's interests.

Admission:

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be asked to provide additional material. For applicants to the non-thesis option, 1 recommendation letter from a professor familiar with the academic potential of the applicant is required along with a statement of purpose outlining professional and academic goals. For applicants to the thesis option, a statement of purpose outlining professional and academic goals, a current resume/CV and three recommendation letters are required.

Degree Requirements

Master of Science students are required to complete a minimum of 30 credit hours beyond the baccalaureate degree. The course requirement provides students with basic understanding and skills in the Biological Sciences, while allowing individuals to tailor the specific coursework to meet their needs. Two options are available: Thesis Option (Student pursuing Evolution/Ecology or Molecular Biology/Biochemistry concentration) or Non-thesis Option (students pursuing Biomedical concentration).

Thesis Option

Courses are selected in consultation with the student's advisor and must satisfy the following requirements:

- 6 credit hours of Thesis Research (BIOS 7000).¹
- 6 credit hours of 6000-level coursework.^{2,3}
- 4 credit hours of Graduate Seminar (BIOS 6091).⁴
- The remaining 14 credit hours must be 5000 or 6000-level.²
- A minimum of 12 of the 24 non-thesis credit hours must be in the Department of Biological Sciences.

¹Students generally enroll in BIOS 7000 every regular semester in residence, but only 6 credit hours may count toward the 30 credit hour degree requirement.

²A maximum of 3 credit hours of BIOS 6090 may count toward the degree.

³May not include BIOS 6091.

⁴Students are expected to enroll in BIOS 6091 every regular semester in residence.

Students must maintain a cumulative GPA of 3.0 (on a 4.0 scale) in all required coursework. Any course in which a student earns a C will be reviewed by the graduate committee to determine whether it will count toward the degree requirements. In no case, will more than 6 credit hours of C be applied to the degree requirements.

Up to 10 hours of graduate-level credit taken previous to admission into the M.S. program may be applied towards the 30 hours required for the M.S. degree, subject to approval by the student's advisory committee, the graduate coordinator, and the Graduate School.

Advisory Committee

Each M.S. student has an advisory committee that directs the course work and research. In the first semester in the Master of Science program, the student selects a faculty member from the Department of Biological Sciences to serve as chair of the advisory committee. By the end of the second semester, the advisory committee is expanded to a minimum of three members. Members of the advisory committee must be members of the graduate faculty and at least half must be from the Department of Biological Sciences.

Students will submit annual reports documenting progress in the program, which will be evaluated by the graduate committee. A Candidate Plan of Study that includes coursework completed, in progress, and remaining, must be approved by the graduate coordinator and submitted to the graduate school no later than the semester prior to the completion of the degree.

Thesis

The Master of Science degree requires a thesis embodying original research in a specialized area. The thesis must be presented in a seminar open to the public, defended in an oral final examination, and approved by the student's advisory committee. After the defense, the thesis is revised according to committee recommendations and approved by the College of Sciences and the Graduate School.

Non-Thesis Option

The Non-Thesis Master of Science Degree Program provides students the option of obtaining an M.S. degree in Biological Sciences with a concentration in Biomedical Sciences. The program requires coursework, an internship in research or the health professions, and a capstone scholarly research paper and oral presentation.

Course Requirements

The 30 credit hour coursework requirement must include a minimum of 15 credit hours of courses numbered 6000 or above and a minimum of 18 credit hours in Biological Sciences. These must include 1 credit hour of Graduate Seminar (BIOS 6091), 2 credit hours of internship (BIOS 6002), 3 credit hours at the Capstone Course (BIOS 6003), and the Biological Sciences core courses (12 credits. see below) The remaining 12 credit hours are selected by the student in consultation with the program director and will be subject to approval by the Department of Biological Sciences.

Curriculum Summary

¹ If a student has earned credit as an undergraduate for one or more of these courses (equivalent to BIOS 4103, BIOS 4113, and BIOS 4153), then the number of elective hours will increase accordingly because students cannot earn credit for the same class twice. These electives must be at the 5000 level or above.

² Electives may be chosen from any discipline relevant to health sciences. A minimum of 6 credit hours of elective credit must be at the 6000 levels.

Advisor/Committee: Prior to entering the program, and at regular intervals thereafter, students will meet with the program director who will advise students on elective coursework, internships, and progress through the program.

Examination Report: An Examination Report must be presented to the Graduate School as evidence of completion of the Master's degree Capstone Course.

Core:

- BIOS 5103 - Biochemistry I - **Credits: 3** ¹
- BIOS 5113 - Biochemistry II - **Credits: 3** ¹
- BIOS 5153 - Molecular Biology - **Credits: 3** ¹
- BIOS 6113 - Advanced Cell Biology - **Credits: 3**
- BIOS 6091 - Graduate Seminar - **Credits: 1**
- BIOS 6002 - Internship Health Professions - **Credits: 1 - 2 (Variable)**
- BIOS 6003 - M.S. Capstone Project in BIO - **Credits: 3**
- Electives² **Credits: 12**

Business Administration Minor

Non-business students wishing to minor in Business Administration may do so by completing the following courses with a minimum letter grade of C or better in each course:

Minor Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
OR
- ACCT 4400

- BA 3010 - Legal Environment of Business - **Credits: 3**
OR
- BA 3080 - Corporate Social Responsibility - **Credits: 3**
OR
- HRT 3016 - Legal Environ in Hosp Industry - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- FIN 2302 - Introduction to Investing - **Credits: 3**
OR
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
OR
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
OR
- MANG 4400 - Survey Management Topics - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Business Administration and the Master of Business Administration degree.

Business Administration, B.S.

Student Learning Outcomes

- Students will demonstrate the ability to make an informed ethical decision within a business environment.
- Students will demonstrate effective written communications skills within a business environment.
- Students will demonstrate effective problem solving skills within a business environment.
- Students will demonstrate effective oral communications skills within a business environment.
- Students will demonstrate core competency skills of the general business functions.
- Students will learn to integrate general business concepts and apply them to a business situation.
- Students will be able to identify how global issues affect decision making in the business environment Curriculum in Business

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**
- Other Physical Science **Credits: 3**
- BIOS or same as physical Science **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts Elective

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Electives **Credits: 5**
- Business Elective **Credits: 9**

Total Credit Hours: 51

Course Requirements for Major

- FIN 3302 - Investments - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
or
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**

Select 3 Credit Hours:

- MKT 3515 - Personal Selling - **Credits: 3**
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MKT 3580 - Digital Marketing - **Credits: 3**

Select 3 Credit Hours:

- BA 3080 - Corporate Social Responsibility - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- HRT 3016 - Legal Environ in Hosp Industry - **Credits: 3**
- MKT 3526 - Legal Environment of Marketing - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**

Select 3 Credit Hours:

- FIN 2302 - Introduction to Investing - **Credits: 3**
- FIN 3325 - Principles of Real Estate - **Credits: 3**
- FIN 3301 - Small Business Finance - **Credits: 3**
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**

Select 3 Credit Hours:

- ECON 4306 - International Finance - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- FIN 4306 - International Finance - **Credits: 3**
- HRT 4250 - International Tourism - **Credits: 3**
- HRT 4319 - Wines of the World - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**
Select 3 Credit Hours:
- HCM 2000 - The US Healthcare System - **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- MKT 4535 - Services Marketing - **Credits: 3**
Select 3 Credit Hours:
- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**
- MANG 4469 - Staffing & Developing HR - **Credits: 3**
- MANG 4470 - Employment Law for Managers - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- Check General Education Courses to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- ARTS **Credits: 3**
- Social Sciences **Credits: 3**
- Business Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- Humanities **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- HCM 2000 - The US Healthcare System - **Credits: 3**
OR
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
OR
- MKT 4535 - Services Marketing - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
OR
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MKT 3515 - Personal Selling - **Credits: 3**
OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
OR
- MKT 3580 - Digital Marketing - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**
OR
- MANG 4469 - Staffing & Developing HR - **Credits: 3**

OR

- MANG 4470 - Employment Law for Managers - **Credits: 3**
- OR
- MANG 4710 - Innovation Management - **Credits: 3**
- OR
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- OR
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

- MKT Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 2302 - Introduction to Investing - **Credits: 3**
- OR
- FIN 3325 - Principles of Real Estate - **Credits: 3**
- OR
- FIN 3301 - Small Business Finance - **Credits: 3**
- OR
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- OR
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- OR
- BA 3080 - Corporate Social Responsblty - **Credits: 3**
- OR
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- OR
- MKT 3526 - Legal Environment of Marketing - **Credits: 3**
- OR
- MKT 3530 - Sales Management - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- OR
- ECON 4306 - International Finance - **Credits: 3**
- OR
- FIN 4306 - International Finance - **Credits: 3**
- OR
- HRT 4250 - International Tourism - **Credits: 3**
- OR
- HRT 4319 - Wines of the World - **Credits: 3**
- OR
- MANG 4446 - International Management - **Credits: 3**
- OR
- MKT 4546 - Int'l Marketing Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Business Administration, M.B.A.

Student Learning Outcomes

- Students will demonstrate appropriate problem solving and decision-making skills.
- Students will demonstrate effective interpersonal skills including leadership and teamwork
- Students will demonstrate effective written and oral communication skills

The Master of Business Administration degree is a professional degree. The program is designed to prepare students for administrative positions in both the private and public sectors. The program is accredited by the Association to Advance Collegiate Schools of Business International (AACSB).

Students are provided a broad preparation in business administration while being allowed to concentrate in specific business areas. Attention is given to lasting principles instead of specific techniques which may be subject to frequent change.

The program is designed to satisfy the needs of students with or without undergraduate degrees in business administration. Additional coursework may be required for students whose undergraduate education is missing preparation in foundation areas such as Accounting, Management or Quantitative Methods.

Admission Requirements

In addition to meeting the [minimum standards for admission to the Graduate School](#),

admission to the traditional Master of Business Administration program is at the discretion of the College of Business Administration's Committee on Graduate Admissions and the Graduate School. Applicants are normally admitted if they have a baccalaureate degree from an accredited college or university, with a grade-point average of 2.75 (on a 4.0 grading system).

Degree Requirements

- ACCT 6130 - Adv Acct Analy Decision Making - **Credits: 3**¹
- ECON 6200 - Managerial Economics - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**

- QMBE 6780 - Operations Research
OR
- BA 6780 - Survey Decision Making Tools - **Credits: 3**

- MANG 6401 - Sem Organizational Behavior - **Credits: 3**
- MANG 6476 - Operations Management - **Credits: 3**
- MKT 6503 - Strategic Marketing Management - **Credits: 3**
- MANG 6480 - Seminar Business Policies - **Credits: 3**
- Approved Electives or Concentration Electives **Credits: 9**²

Total Credits Required: 33

3,4

- Candidates with an undergraduate degree in accounting or who have completed a substantial number of accounting courses will be required to substitute a three-hour accounting course at the 6000 level.
- Must be approved by the coordinator of the Master of Business Administration program.
- A grade of C or higher is necessary for any course to be accepted for credit. However, a C grade is considered to be below the standard normally expected of a graduate student.
- As a minimum, a student must present at least 33 semester hours of work in courses numbered 6000 or above (exception: three 5000 graduate-level courses may be accepted for elective. However, credit towards the MBA degree may not be earned for any 5000 graduate-level course that the student has previously taken at the undergraduate level.). A student must have a cumulative grade point average of at least 3.0 on all course work taken to fulfill Graduate Curriculum requirements.

Master of Business Administration Concentrations

Concentrations allow students to focus their studies on a particular area of business administration. The M.B.A. Program offers concentrations in the following areas: Finance, Health Care Management, Human Resource Management, Hotel, Restaurant and Tourism Administration, International Business, Management Information Systems, Marketing, and Technology Management. Each concentration consists of nine hours in selected courses (with the exception of Technology Management which requires 18 credit hours in specific courses), thus fulfilling the elective requirements in the core curriculum. Specific courses must be approved by the program director. An executive track concentration is available as described below.

Financial Aid

A limited number of assistantships are available to qualified applicants. These assistantships involve half-time work assignments (20 hours per week) in the various academic departments, centers and functional areas of the College of Business Administration.

Executive Track

For experienced managers, professionals, and entrepreneurs who are working full time, the Executive track of the MBA is a lock-step program designed to allow rapid completion of the MBA degree with minimal disruption of work responsibilities. Classes are held primarily on Saturdays and Sundays of alternating weeks. Additional fees apply. Classes may be taken only by students admitted to the Executive track of the MBA program. Admission to the

executive track of the MBA program is separate from admission to the MBA program. Preparatory course material is integrated into the program through the use of special topic sessions.

In addition to meeting the minimum standards for admission to the Graduate School, admission to the Executive track of the MBA Program is at the discretion of the College of Business Administration's Committee on Executive track MBA graduate admissions. Applicants are evaluated based on: (1) the length and quality of their professional work experience; and (2) the attainment of, and grade point average in, a baccalaureate degree from an accredited college or university. Applicants to the program may be required to take the Graduate Management Applications Test (GMAT). English language requirements described above must also be fulfilled.

Chemistry Minor

Minor Requirements

At least 10 hours must be at the 3000 level or above. At least 10 hours must be completed at UNO.

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**

The Remaining Credit Hours Shall Be from the Following:

- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2310 - Chemical Computing - **Credits: 3**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3110 - Forensic Chemistry - **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3411 - Desc Inorganic Chemistry - **Credits: 3**
- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**
- CHEM 3610 - Materials Chemistry - **Credits: 3**
- CHEM 3710 - Medicinal Chemistry - **Credits: 3**
- CHEM 4110 - Instrumental Analysis - **Credits: 3**
- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- CHEM 4210 - Intermediate Organic Chemistry - **Credits: 3**
- CHEM 4310 - Physical Chemistry - **Credits: 4**
- CHEM 4311 - Physical Chemistry - **Credits: 4**
- CHEM 4410 - Advanced Phys Inorg Chemistry - **Credits: 3**
- CHEM 4510 - Biochemistry I - **Credits: 3**
- OR
- CHEM 4511 - Biochemistry II - **Credits: 3**

Chemistry, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated program allows a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Minimum Requirements

AM students must have a cumulative undergraduate GPA of at least 3.2 to be conditionally admitted into a master's degree program. Students may not enroll in graduate courses until they have 1) completed all requirements for the Core Curriculum; 2) completed a minimum of 90 hours of undergraduate work, including at least 15 hours of upper-level courses in the major; and 3) been conditionally admitted to a master's program.

Conditional admission does not guarantee full admission to the program. Minimum criteria for full admission to the graduate program are:

1. Conferral of the baccalaureate degree;

2. Cumulative undergraduate GPA of 3.00; and
3. Satisfaction of all requirements for admission to the graduate program (entrance test scores, statement of purpose, recommendations, etc.).

Minimum Guidelines

1. An updated undergraduate plan of study, outlining all requirements for baccalaureate degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
2. Before an undergraduate AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
3. Graduate Coursework:
 - AM students may apply a maximum of 12 graduate hours to the baccalaureate degree, depending on the graduate program. Graduate coursework in the following areas will not count in the AM program toward the baccalaureate degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other fieldbased placement, or thesis;
 - Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of 3.00. Graduate courses in which a GPA is less than 3.00 may be counted towards satisfaction of the bachelor's degree but not towards the master's;
 - To remain in an AM degree program, the student must maintain at least a 3.00 overall GPA in graduate coursework.
4. The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferrable to the master's degree and will show on both the graduate and undergraduate transcripts.
5. The baccalaureate degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
6. If an AM student requests admission to any other master's program (or does not complete the approved master's degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.
7. Students may apply to the AM program at the end of their junior year (completion of 90 credit hours).
8. Admissions requirements to the AM program as an undergraduate include GPA = 3.2 or higher, completion of 15 credit hours in CHEM courses at the 3000/4000 level.
9. Graduate courses that will satisfy both degree requirements are indicated with an asterisk on the 5- Year Plan of Study
10. A student must satisfy all admissions requirements including 3.0 GPA at the end of their 4th Year and apply for full admission to the graduate program (after completion of the BS degree).
11. Students will meet with the Graduate Program Director for advising to map out an appropriate schedule.
12. All AM students will follow the non-thesis option.

Chemistry, B.S.

Student Learning Outcomes

- Students will demonstrate at minimum a basic mastery of the general chemistry core concepts, including the basic chemical concepts of stoichiometry, states of matter, atomic structure, molecular structure and bonding, thermodynamics, equilibria, and kinetics.
- Students will demonstrate at minimum a basic mastery of foundation level chemical concepts in the five traditional subdisciplines of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, and physical chemistry.
- Students will demonstrate at minimum a basic mastery of in-depth topics in chemistry that build upon the foundation and incorporate integration of concepts, critical thinking skills, and problem solving skills.
- Students will demonstrate at minimum a basic competency in functioning as a chemist through a semester long research experience or internship in a professional setting. Competency must be demonstrated through written and oral reporting and be evidenced by satisfactory accomplishment of research or professional laboratory tasks. Students must synthesize the knowledge and skills introduced across the curriculum.
- Students will demonstrate at minimum a basic competency in laboratory skills during a minimum of 400 hours of laboratory performance.
- Students will demonstrate at minimum a basic competency in the following ancillary areas: problem solving skills, chemical literature and information management skills, laboratory safety skills, communications skills, team skills, and ethics.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- **OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**^{2,3}
- MATH 2124 - Calculus II - **Credits: 4**^{2,3}

Science

- BIOS 1083 - Biology I - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**⁴
- Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**⁴

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Approved MATH Elective **Credits: 3**⁵
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- CHEM 1000 - Freshman Seminar Chem Majors - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- Computer Programming Elective **Credits: 3**⁶
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**⁷
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**⁸
- General Electives **Credits: 118**

Total Credit Hours: 48

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Course Requirements for Major

- CHEM 2000 - Soph Seminar Chem Majors - **Credits: 1**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3094 - Undergraduate Research - **Credits: 4**

- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**¹⁰
- CHEM 4000 - Senior Comprehensive Exam - **Credits: 0**
- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**¹¹
- Advanced Chemistry Elective **Credits: 3**¹¹
- Advanced Chemistry Elective **Credits: 3**¹¹

Total Credit Hours: 33

Total Credit Hours Required: 120

- "C" or better required.
- 6 credits of Math satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Completion of MATH 2107, 2108 and 2 credits of general electives fulfills the requirement for MATH 2114, MATH 2124. Completion of Math 2111, MATH 2112 and 1 credit of general electives fulfills all the math requirements for the BS degree.
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must be taken from the following: MATH 2134, MATH 2314, MATH 3511. MATH 1125 and MATH 1126 may be used as general elective hours.
- The programming requirement can be fulfilled by CSCI 1201, CSCI 1203, CSCI 1205, CSCI 1581/CSCI 1583 or CHEM 2310.
- PHYS 1033 can be used to replace PHYS 1063.
- PHYS 1034 can be used to replace PHYS 1065.
- Includes 2 credits of Math listed in general education requirements section
- CHEM 3510 cannot be used as a replacement for Biochemistry I (CHEM 4510/BIOS 4103) in any curriculum or concentration that requires CHEM 4510/BIOS 4103. CHEM 3510 cannot be used as a prerequisite for Biochemistry II (CHEM 4511/BIOS 4113).
- Must be taken from the following: CHEM 3096, CHEM 3110, CHEM 3610, CHEM 3710, CHEM 4110, CHEM 4210, CHEM 4310, CHEM 4311, CHEM 4410, CHEM 4510, CHEM 4511; BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4173, BIOS 4490 (approval required); BIOS 4713; EES 4115; 3 cr. hr. must be at the 4000 level.

Additional Requirement

Minimum grade of C in all 1000-level and 2000-level science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1000 - Freshman Seminar Chem Majors - **Credits: 1**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- Arts Electives **Credits: 3**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**

Total Credit Hours: 14

Second Year of Enrollment

First Term

- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Second Term

- CHEM 2000 - Soph Seminar Chem Majors - **Credits: 1**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2124 - Calculus II - **Credits: 4**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3094 - Undergraduate Research - **Credits: 4**
- **OR**
- CHEM 3091 - Chemistry Internship - **Credits: 1 - 4 (Variable)**
- Approved Math Elective **Credits: 3**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**
- CHEM 2310 - Chemical Computing - **Credits: 3**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3411 - Desc Inorganic Chemistry - **Credits: 3**
- Humanities or Social Science Elective **Credits: 6**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- Advanced Chemistry Elective **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**
- General Electives **Credits: 3**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**
- General Elective **Credits: 8**

- CHEM 4000 - Senior Comprehensive Exam - **Credits: 0**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Students with different math placement should consult with the Chemistry Department.

Concentration Requirements

Students may choose a concentration from:

- Biochemistry Concentration
- Chemical Physics Concentration
- Forensics Concentration
- Materials Concentration
- Medicinal Concentration

Chemistry, M.S.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in physical chemistry or areas related to their thesis research and area of specialty and will be capable of applying these concepts in order to analyze new topics or material.
- Graduate students will acquire an advanced understanding of concepts in physical chemistry and a minimum of 2 subdisciplines outside of physical chemistry (Analytical, Biochemistry, Inorganic, Organic, Materials, Medicinal) through completion of graduate level coursework. An advanced understanding includes the ability to apply knowledge and analyze information.
- Graduate students will be able to explain and analyze in technical written and oral formats an advanced understanding of a current topic in the chemical literature.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be asked to provide two letters of recommendation from faculty familiar with the academic and research potential of the applicant.

Degree Requirements

Thesis Option

The minimum requirement for the degree of Master of Science is 30 credit hours of graduate course work. At least nine hours must be concentrated in one of the divisions of chemistry. In addition, a minimum of six hours must be taken across two other chemical divisions. With the approval of the student's thesis advisor, the additional three hours may be taken in graduate level non-chemistry courses. Also required for the Master's degree are six hours of /thesis research (at the 7000 level), and two hours of credit in CHEM 6095 - Seminar for a total of 30 semester hours. For graduate course work, the candidate must maintain an overall B (3.0) average, a B (3.0) average in the major area. Each student is required to prepare and present one literature seminar, the subject of which is to be taken from the current research literature and is not to be directly related to the student's present or previous research. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. Each student must present the seminar no later than the fourth semester in the program (excluding summer semesters). Courses at the 5000-level can only be used for graduate credit with the approval of the student's thesis advisor and the department chair.

Curriculum Summary

- CHEM Courses 5000-6000 level **Credits: 15** (CHEM 5310 or CHEM 5311 required)
- CHEM 6095 - Seminar - **Credits: 1** (required; may be taken for credit a maximum of 3 times)
- Elective Courses (5000 or above) **Credits: 3**
- Thesis Research (7000 and 7025) **Credits: 9**

Advisory Committee

Each M.S. student has an advisory committee that directs the course work and research. In the first semester in the Master of Science program (Thesis

Option), the student selects a faculty member from the Department of Chemistry to serve as chair of the advisory committee. By the end of the second semester, the advisory committee is expanded to a minimum of three members. Members of the advisory committee must be members of the graduate faculty and must be from or affiliated with the Department of Chemistry.

MS Thesis

Students will submit annual reports documenting progress in the program, which will be evaluated by the graduate committee. A Candidate Plan of Study that includes coursework completed, in progress, and remaining, must be approved by the graduate coordinator and submitted to the graduate school no later than the semester prior to the completion of the degree.

The Master of Science degree (Thesis Option) requires a thesis embodying original research in a specialized area. The thesis must be defended in an oral final examination, and approved by the student's advisory committee. The defense will serve as the Master of Science (Thesis Option) degree milestone. After the defense, the thesis is revised according to committee recommendations. Once approved the committee signs the Thesis Approval Form and the final version is uploaded for review and approval by the Graduate School.

Master of Science in Chemistry (Non-Thesis Option)

The Master of Science in Chemistry (Non-Thesis Option) Degree Program provides B.A. and B.S. degree students with an option of obtaining a M.S. degree based upon completion of program of academic coursework in advanced chemistry.

Program Limitations and Constraints

Students admitted to the Master of Science in Chemistry (Non-Thesis Option) Degree Program are not eligible for financial support from the Department of Chemistry in the form of a graduate assistantship or fellowship.

Students admitted to the Master of Science in Chemistry (Non-Thesis Option) Degree Program may not directly transfer into the Ph.D. program but may apply to the Ph.D. in Chemistry at any time. Admission into the Ph.D. program will be based on the merit of the applicant as compared to the applicant pool for that semester.

Advisor/Committee

An advisor will be assigned to the student based on his or her area of interest. The Advisor will be a member of the Chemistry Department and will monitor academic progress. The advisor will guide the student through the academic aspects of the program, serve as liaison to the Department and the Graduate School, and serve as the Chair of the Non-Thesis Project Review Committee. The Advisor will select two additional faculty members to serve on the review committee. Members of the review committee must be members of the graduate faculty and must be from or affiliated with the Department of Chemistry.

Non-Thesis option

The minimum course work requirement is 30 hours for the Master of Science in Chemistry (Non-Thesis Option) Degree Program. Graduate credit is awarded for courses numbered 5000 and above. As a minimum, a student must present at least 15 semester hours of work in courses numbered 6000 or above.

Students must complete a minimum of 18 hours in Chemistry. In addition, a total of 2 credit hours of CHEM 6095 - Seminar are required. The student must be registered for CHEM 6095 the semester they plan to graduate.

Elective courses must be numbered 5000 or above and may come from areas outside of chemistry. All elective courses to be used for the MS degree in Chemistry must be approved by the Department of Chemistry.

Curriculum Summary

- CHEM Courses 5000-7000 level **Credits: 18** (CHEM 5310 or CHEM 5311 required)
- CHEM 6095 - Seminar - **Credits: 1** (required; may be repeated for credit a maximum of 3 times)
- Elective Courses (5000 or above) **Credits: 9**

Application for Candidacy

Students should apply for candidacy after 15 hours have been completed. Candidacy applications must be submitted the semester prior to semester in which the student will be graduating.

Non-Thesis Project

Each student is required to prepare and present a literature seminar as the Non-Thesis Project. The subject matter of the seminar is to be taken from the current chemical/biochemical research literature. The student's Advisor must approve the topic. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. The student must present their seminar the semester they intend to graduate. The presentation of the seminar will serve as the milestone requirement for the Master of Science Degree in Chemistry (Non-Thesis Option) and will be judged by the students' Advisor/Committee as pass or fail.

Master's Examination Report

A Master's Examination Report, signed by the Advisory Committee, must be presented to the Graduate School as evidence of completion of the master's degree milestone (non-thesis project). The report is due the last week of the month preceding Commencement.

Chemistry, Ph.D.

Program Overview

The Ph.D. degree is offered in the areas of Analytical, Biochemistry, Inorganic, Medicinal, Materials, Organic, and Physical Chemistry. However, many members of the faculty have research interests that cross traditional boundaries to cover a range of interdisciplinary areas. The course of study leading to this degree is designed to provide students with a broad fundamental background in chemistry through a core course curriculum and rigorous experience in particular area of specialization.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and area of specialty and will be capable of 1) applying these concepts, 2) analyzing new topics or material, 3) composing or constructing new ideas, and 4) appraising and evaluating his/her own work and the work of others.
- Graduate students will acquire an advanced understanding of concepts in physical chemistry and a minimum of 2 subdisciplines outside of physical chemistry (Analytical, Biochemistry, Inorganic, Organic, Materials, Medicinal) through completion of graduate level coursework. An advanced understanding includes the ability to apply knowledge and analyze information.
- Graduate students will develop skills to be competent instructors of undergraduate students.
- Graduate students will be able to explain in technical written and oral formats an advanced understanding of a current topic in the chemical literature.

Degree Requirements

- The minimum requirement for the Doctor of Philosophy degree is 60 graduate credit hours that includes 18 credit hours of graduate course work. At least nine hours must be concentrated in one of the divisions of chemistry. In addition, a minimum of six hours must be taken across two other chemical divisions. With the approval of the student's dissertation committee and the department chair, the additional three credit may be taken in graduate level non-chemistry courses. Required reading courses (CHEM 6090, 6091, 6092, and 6093, one hour each) are not counted as part of the 18 hours. Six credits in CHEM 6095 (seminar) and at least 32 research credits in research/dissertation (CHEM 7050) go toward completion of the 60-semester hour minimum. Courses at the 5000-level can only be used for graduate credit with the approval of the student's dissertation committee and the department chair. For graduate course work, the candidate must maintain an overall B (3.0) average, a B (3.0) average in the major area.
- To become an applicant for the doctorate, a student must pass the qualifying exam. This exam is administered through a cumulative exam system in which the student must pass three separate examinations from a total of eight attempts. All cumulative examinations must be passed within a two-year period following entrance into the program. Exams are offered eight times during each academic year.
- Each student is required to prepare and present one literature seminar, the subject of which is to be taken from the current research literature and is not to be directly related to the student's present or previous research. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. Each student must present the seminar no later than the fourth semester in the program (excluding summer semesters).
- Before attaining full candidacy for the Doctor of Philosophy degree, a student must exhibit excellence, depth of understanding, and high professional attainment in the field by successful completion of the general examination for the doctorate. This examination takes place in the fifth semester of study and consists of a written report and oral presentation to the dissertation committee that summarizes the student's research accomplishments and future studies.

Civil Engineering Minor

Minor Requirements

Non-civil engineering students wishing to earn a minor in civil engineering must complete a minimum of 24 credit hours of civil engineering courses. Of this total, 10 credit hours are required, and 14 credit hours are electives. Details of these courses are presented below.

Required Courses

- ENCE 2351 - Mechanics of Materials - **Credits: 3**

- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENME 2750 - Dynamics - **Credits: 3**
- Principles of hydraulics or Fluid Mechanics **Credits: 3**

Total Credit Hours: 10

Select Two Courses of the Following

- ENCE 3356 - Structural Analysis - **Credits: 4**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**

Total Credit Hours: 8

Select Two Courses of the Following

- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4328 - Air Pollution Contrl - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**

Total Credit Hours: 6

Total Credit Hours Required: 24

Civil Engineering, Accelerated Master's (BSCE & MSE)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science in Civil Engineering degree and a Master of Science in Engineering degree.

Civil Engineering, B.S.

Educational Objectives of the Civil Engineering Program

The Civil Engineering Program Educational Objectives can be summarized as follows. Graduates of the Civil Engineering Program at the University of New Orleans, within a few years after graduation:

- Will meet or exceed the expectations of the employers of program graduates.
 - Will attain professional advancement.
 - Will serve the needs of society by working and assuming leadership roles in the related fields of civil engineering.
- The Department of Civil and Environmental Engineering at UNO offers a four-year program leading to the Bachelor of Science in Civil Engineering degree. The UNO Civil Engineering curriculum is accredited by the Engineering Accreditation Commission of ABET. The University also offers graduate programs leading to the Masters of Science in Engineering and Ph.D. in Engineering and Applied Science.

Student Learning Outcomes

The following student outcomes prepare graduates of the Civil Engineering Program to attain the program educational objectives:

- An ability to apply knowledge of mathematics, science, and engineering.
- An ability to conduct experiments, as well as to analyze and interpret data.

- An ability to design a system, component, or process to meet desired needs.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and social context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 39

Other Requirements

- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENCE 2302 - Civil Eng Comp & Gr Lecture - **Credits: 3**
- ENCE 2303 - Program Graphics Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**

- ENME 2750 - Dynamics - **Credits: 3**
- ENCE Electives **Credits: 6**⁵

Total Credit Hours: 40

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Course Requirements for Major

- ENCE 3318 - Fluid Mechanics - **Credits: 3**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**
- ENCE 3356 - Structural Analysis - **Credits: 4**
- ENCE 3391 - Construction Pr Management - **Credits: 3**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**
- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**
- ENCE 4386 - Principles Transp & Hwy Engr - **Credits: 3**
- ENCE 4390 - Sr Civil Engr Design Project - **Credits: 3**
- ENCE 4399 - Civil Envir Engr Seminar - **Credits: 2**

Total Credit Hours: 48

Total Credit Hours Required: 127

Minimum Cumulative GPA of 2.0 for all undergraduate coursework.

- "C" or better required
- Check General Education Courses to confirm courses fulfilling this requirement. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy listed in general education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in General Education Requirements section. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Electives must be selected from 4000-level courses and must include a minimum of six credits.
- To graduate with a degree in Engineering, the student must satisfy the General Degree requirements of the University.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- Biology Elective **Credits: 3**
- ENCE 2302 - Civil Eng Comp & Gr Lecture - **Credits: 3**
- ENCE 2303 - Program Graphics Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR

- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Arts Elective **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 18

Second Year of Enrollment

First Term

- Literature Elective **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- Social Sc. Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- Humanities Elective **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- ENCE 3318 - Fluid Mechanics - **Credits: 3**
- ENCE 3356 - Structural Analysis - **Credits: 4**

Total Credit Hours: 13

Second Term

- ENCE 3390 - Basic Project Management - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE Elective **Credits: 3**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**

Total Credit Hours: 17

Fourth Year of Enrollment

First Term

- Civil Engr. Elective **Credits: 3**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**

- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4386 - Principles Transp & Hwy Engr - **Credits: 3**
- ENCE 4390 - Sr Civil Engr Design Project - **Credits: 3**
- ENCE 4399 - Civil Envir Engr Seminar - **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 128

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in civil engineering degree which requires 127 credit hours.

Coastal Engineering Graduate Certificate

After successful completion of this certificate, students should be able to:

- Utilize basic principles of wind and wave generation to understand coastal sediment transport
- Design gravity dams, spillways, drop structures, stilling basins, sector gates and outfall structures
- Design levees and analyze slope stability, settlement, and seepage
- Compute sediment load using principles of sediment transport.
- Estimate cost for different dredging methods in the context of coastal restoration.
- Utilize principles of coastal morphodynamics to predict delta evolution, shoreline change, and marsh edge erosion.

Curriculum

- 12 graduate credit hours earned in: Ocean and Coastal Engineering, Coastal Processes, Sediment Transport and Dredging, and Design of Coastal and Hydraulic Structures.
- The cumulative grade point average (GPA) of the four courses must be a minimum of a B average (3.0) to earn the certificate.
- All courses will be offered in a dual format (classroom + online over the internet). This will provide opportunity for practicing engineers to take advantage of the certificate program.
- Certificate courses can be taken by practicing engineers with a bachelor's degree in Engineering, Sciences, or related fields. Students may apply credit earned in these courses towards their M.S. in Engineering program if they are offered admission to the program and the coursework is completed within the time limit for Master's degrees.

Admission requirements

A bachelor's degree earned in Engineering or related field with a cumulative GPA of 2.5 is required for entry to the Certificate program.

Coastal Sciences Graduate Certificate

Program Overview:

The certificate in Coastal Sciences is offered jointly by the Department of Earth & Environmental Sciences and the Department of Civil & Environmental Engineering, which also offers a certificate in Coastal Engineering.

Student Learning Outcomes

After successful completion of this certificate, students should be able to:

- Utilize principles of coastal morphodynamics to predict delta evolution, shoreline change, and marsh edge erosion.
- Compute sediment load using principles of sediment transport.
- Estimate cost for different dredging methods in the context of coastal restoration.
- Utilize basic principles of wind and wave generation to understand coastal sediment transport.
- Understand and apply appropriate management and mitigation approaches to barrier shorelines, beaches, deltas, and estuaries.
- Recognize the range of coastal environments and the physical, biological and chemical processes that shape these environments.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the program must

Hold a degree in a related field (engineering or sciences).

Curriculum

- 12 graduate credit hours earned in: Coastal Processes, Sediment Transport and Dredging, Coastal Geomorphology, and Coastal Restoration and Management.
- The cumulative grade point average (GPA) of the four courses must be a minimum of a B average (3 .0) to earn the certificate.
- All courses will be offered in a dual format (classroom + online over the internet). This will provide opportunity for practicing engineers to take advantage of the certificate program.
- Certificate courses can be taken by practicing engineers with a bachelor's degree in Engineering, Sciences, or related fields. Students may apply credit earned in these courses towards their M.S. program if they are offered admission to the program and the coursework is completed within the time limit for Master's degrees.

Computer Science Minor

Minor Requirements

An undergraduate majoring in a department other than Computer Science may earn a minor in Computer Science by completing the following computer science courses each with a grade of C or better: CSCI 2120, CSCI 2125, CSCI 2450, CSCI 3301, and two three-credit 4000-level courses selected from an approved list. (It should be noted that credit or concurrent enrollment in MATH 3721 is required for CSCI 2125. Also, credit in CSCI 1583 is required for CSCI 2120.) A transfer student must complete a minimum of nine credit hours in required computer science courses at UNO, and these must include CSCI 2125 and a three credit 4000-level course from the approved list.

Computer Science, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Computer Science.

Computer Science, B.S.

Student Learning Outcomes

- Ability to apply mathematical reasoning and logic to formulate solutions to computing problems.
- Ability to analyze a problem statement, identify requirements, and implement a solution.
- Ability to communicate effectively and present work coherently to one's peers.
- Ability to assimilate new results, approaches, and paradigms in the computing profession.
- Ability to function effectively as a member of a team to collaboratively solve problems.
- Appreciation and understanding of ethical, legal, security, and social issues involving computing.
- Ability to analyze the impact of computing on individuals, organizations, and society.
- Ability to apply analysis of algorithms and computer theory in the modeling and design of a system to evaluate the tradeoffs involved in design decisions.
- Ability to identify and understand the algorithmic core of a problem statement, reduce the problem to a familiar model, and efficiently design a solution using well-known methods.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS **Credits: 3**⁵
- BIOS or Physical Science **Credits: 6**⁵

Humanities

- FORL Sequence **Credits: 6**⁴
- Literature **Credits: 3**⁴

Social Sciences

- Social Sciences Elective **Credits: 6**⁴

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 2450 - Machine Structure and Assembly Language Programming - **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**
- Elective **Credits: 4**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or Elective
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- CSCI Electives **Credits: 6**⁸
- Science Electives **Credits: 3**⁹
- Science Labs **Credits: 2**⁶
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 49

Includes 1 credits of MATH listed in General Education Requirements section.

Course Requirements for Major

- CSCI 2467 - Systems Programming Concepts - **Credits: 3**
- CSCI 3080 - Ethics in Computing Profession - **Credits: 1**
- CSCI 3090 - Undergraduate Seminar - **Credits: 1**
- CSCI 3102 - Intro to Theory of Computation - **Credits: 3**
- CSCI 3301 - Computer Design & Organization - **Credits: 3**
- CSCI 4000 - Comprehensive Exam - **Credits: 0**
- CSCI 4101 - Analysis of Algorithms - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 4501 - Programming Language Structure - **Credits: 3**
- CSCI 3000 level or above electives **Credits: 6**

Total Credit Hours: 32

Total Credit Hours Required: 120

- "C" or better required
- 6 credits of MATH satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 1 credits of MATH listed in General Education Requirements section.
- For Social Science Electives, select from ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and BIOS 1083, or CHEM 1017 and CHEM 1018, or EES 1000 and EES 2004, or PHYS 1061 and PHYS 1062.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or EES 1001 and EES 2005, or PHYS 1063 and PHYS 1065.
- MATH elective must have a prerequisite of at least MATH 2124.
- Computer science electives must be chosen from computer science courses numbered 3000 or above.
- Science electives must be BIOS, CHEM, EES, MATH, PHYS, or PSYC.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- Free Elective **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- Social Science Elective **Credits: 3**
- Art Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 13

Second Term

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Social Science Elective **Credits: 3**

Total Credit Hours: 13

Second Year of Enrollment

First Term

- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2450 - Machine Structure and Assembly Language Programming - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- ENGL Literature **Credits: 3**
- Foreign Language I **Credits: 3**

Total Credit Hours: 17

Second Term

- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 2467 - Systems Programming Concepts - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- Foreign Language II **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- CSCI 3102 - Intro to Theory of Computation - **Credits: 3**
- CSCI 3301 - Computer Design & Organization - **Credits: 3**
- Free Elective **Credits: 3**
- CSCI/MATH elective **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**

Total Credit Hours: 15

Second Term

- CSCI 4101 - Analysis of Algorithms - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- CSCI/MATH Elective **Credits: 3**
- Humanities/Social Science elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 3000 level or above elective **Credits: 3**
- Science sequence lecture **Credits: 3**
- Science sequence lab **Credits: 1**
- Science elective **Credits: 3**

Total Credit Hours: 16

Second Term

- CSCI 3080 - Ethics in Computing Profession - **Credits: 1**
- CSCI 3090 - Undergraduate Seminar - **Credits: 1**
- CSCI 4000 - Comprehensive Exam - **Credits: 0**
- CSCI 4501 - Programming Language Structure - **Credits: 3**
- CSCI 3000 level or above elective **Credits: 3**
- Science sequence lecture **Credits: 3**
- Science sequence lab **Credits: 1**
- Science elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Concentration Requirements

Students may choose a concentration from:

- Bioinformatics Concentration
- Game Development Concentration
- Cyber Security Concentration

Computer Science, M.S.

Program Overview:

The Department of Computer Science offers a program of study leading to the degree of Master of Science. The program is designed to be flexible enough to accommodate the needs of two kinds of students: those who have recently completed an undergraduate degree in computer science and want to further their education, and those practicing professionals who want to acquire specific academic experience relevant to their work.

Student Learning Outcomes

- Students will have in-depth knowledge in one of the eight subfields of computer science (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence). Students will also acquire basic knowledge in three different subfields in addition to their in-depth subfields. The computer science graduates will be able to communicate the acquired knowledge in written form.
- The computer science graduates will have the ability to communicate the acquired knowledge in at least one of the eight computer science subfields (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence) effectively in oral form.
- Students will have the ability to analyze complex computational or software developmental problems and synthesize solutions with implementations by applying acquired knowledge in three of the eight computer science subfields (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence). In addition to meeting the minimum standards for admission to the Graduate School

admission to the master's degree in computer science will be determined by the department on the basis of undergraduate academic record, three letters of recommendation, statement of purpose. Admission to the program generally requires a mathematical background equivalent to MATH 2111, MATH 2112 (Calculus with Analytic Geometry) and MATH 3721 - Intro to Discrete Structures; and a computer science background including the equivalent of CSCI 1583 - Software Design and Development I, CSCI 2120 - Software Design II, CSCI 2125 - Data Structures, CSCI 2450 - Machine Structure and Assembly Language Programming, CSCI 3301 - Computer Design & Organization, and two upper-division courses. Students not meeting these requirements may be admitted to the program on a conditional basis, and must fulfill conditions imposed by the department in addition to the regular requirements for the degree. Students with bachelor's degrees in fields other than computer science may be admitted on a conditional basis.

Degree Requirements

The department offers both thesis and non-thesis options in the master's program. All candidates for the master's degree must satisfy the following background, breadth, and depth requirements.

No course may be counted toward the satisfaction of more than one of these requirements.

- Background requirement: the equivalent of CSCI 5401 and CSCI 5501. Students who have not completed this requirement prior to enrollment are required

to do so, for credit, as part of their curricula.

- Breadth requirement: students must take one 6000-level course that counts toward the degree requirements (three semester hours) in each of three different concentration areas as listed below.
 - Depth requirement: students must take three additional courses that count toward the degree requirements (nine semester hours), of which at least two must be at the 6000-level. All courses must belong to the same concentration area (see list below). This concentration area must be different from the ones chosen to fulfill the breadth requirement.
- The concentration areas, with specific sub-disciplines falling under each area, are given in the following table. A detailed list of courses included in each area can be obtained from the department.

Theoretical Computer Science and Programming Languages

- Computability
- Analysis of Algorithms and Complexity
- Formal Languages and Automata
- Combinatorics and Graph Theory
- Formal Semantics and Type Theory
- Logic
- Programming Languages
- Compiler Construction

Systems and Network

- Operating
- Hardware Architecture
- Parallel and Distributed Systems
- Networks
- Protocols

Software Systems

- Algorithm Design
- Data Structures
- Programming Methodologies
- Software Engineering
- Distributed Software Engineering
- Software Architectures
- Software Components

Information Assurance

- Defense of information and information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation.
- Cryptology
- Computer Security
- Information Protection
- Secure Information Exchange

Database Systems and Distributed Applications

- Data Modeling
- Database Systems and Distributed Database Systems
- Data Query Languages
- Programming and Architectures for the Web
- Spatial Database Systems
- Data Mining
- Mobile Computing

Computer Graphics and Visual Computing

- Computer Graphics
- Image Processing
- Data Visualization
- Visual Programming Languages
- Computational Geometry

Artificial Intelligence

- Robotics
- Computer Vision
- Pattern Recognition
- Evolutionary Computing
- Expert Systems
- Machine Learning
- Data Mining

Other Requirements

All graduate students completing the master's degree must maintain a minimum of B grade in all 5000-level courses, and a minimum 3.0 average in all courses taken to satisfy the degree requirements.

Students completing the master's degree with a thesis are required to submit an acceptable thesis and give a satisfactory defense of the thesis. Thirty semester hours are required, no more than six of which may be thesis credit. No more than nine hours may be at the 5000 level. Up to six hours may be taken in graduate courses outside of Computer Science upon prior approval by the department. Students choosing Information Assurance as their concentration must select the thesis option.

Students completing the master's degree without a thesis are required to give a satisfactory performance in a comprehensive examination covering course work. 36 semester hours are required, no more than 12 of which may be at the 5000 level. Up to nine hours may be taken in approved graduate courses outside of Computer Science upon prior approval by the department.

All graduate assistants are required to participate in the weekly departmental seminar.

Computer Science/Cybersecurity & Operations, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Computer Science and the Master of Science in Cybersecurity and Operations.

Counselor Education, M.Ed.

Student Learning Outcomes

1. Students will obtain current theoretical knowledge in the core areas of counseling
2. Students will develop identities as professional counselors.
3. Students will be exposed to issues in multicultural counseling.
4. All Master's students will obtain a passing score on the master's level comprehensive exam.

Accreditation

The M.Ed. and Ph.D. programs are accredited by the Council for the Accreditation of Counselor Education and Related Educational Programs (CACREP).

Admission

Prospective master's degree students must meet the admission requirements established by the Graduate School. In addition, applicants must present a statement of purpose that provides a summary of educational and work experiences, academic and professional goals. In addition, selected applicants will be invited to group screening interviews. Master's degree applicants will be considered based on criteria developed and published by the faculty. Admission decisions are based on all criteria considered in relationship to the need of the program and number of students who can be reasonably accommodated.

Concentrations

Two concentrations are available in the master's degree programs in Counselor Education: Clinical Mental Health Counseling, and School Counseling. The Clinical Mental Health Counseling concentration prepares graduates to serve as counselors in the clinical mental health counseling context. The School

Counseling concentration prepares graduates to serve as counselors in public, parochial, and private schools (pre-K through 12th grade).

Program of Study

The minimum total graduate semester credits required for the M.Ed. program is 60. Course requirements include 36 counseling core credits, six counseling emphasis area credits, six counseling elective credits, three credits in research, and a minimum of nine credit hours in field work.

Retention Standards

Students admitted to the master's degree program in Counselor Education must complete each of the following courses with a grade of B or better before they may enroll in the next course for which that course is a prerequisite: Counselor Education 6430, 6440, and 6896. Master's degree students will be dismissed for any of the following academic reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study; their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; or they fail the comprehensive examination twice.

Comprehensive Examination

Master's degree students must pass a comprehensive examination, which must be taken near the end of the student's degree program. The examination covers all of the core areas of the student's field of study.

Counselor Education, Ph.D.

Program Overview:

The Counselor Education Ph.D. program prepares counselors for leadership roles in the counseling profession. Research competency, advanced counseling skills, and practice in the clinical supervision of other counselors are emphasized in the program. Graduates generally choose careers as university faculty members (counselor educators), administrators of counseling programs, consultants, private practitioners, and researchers.

Student Learning Outcomes

- Doctoral students will learn research skills.
- Doctoral students will develop skills in clinical counseling supervision and in advanced counseling practice during their academic programs.
- All students will demonstrate specialized knowledge of theory and scholarship in Counselor Education by passing a General Examination judged by a jury of three faculty members.

Admission

Prospective Ph.D. degree students must meet the admission requirements established by the Graduate School. In addition, applicants must complete the Graduate Record Examination (GRE) General Test, provide a resume, a 3-5 page statement of purpose and recommendations from 3 individuals familiar with the applicant's academic and professional potential. Ph.D. degree applicants are considered based on criteria developed and published by the faculty. To be considered for admission to the program without probation, an applicant must have a graduate grade-point average of at least 3.50. Presentation of the minimum graduate grade-point average does not guarantee admission. Admission decisions are based on all criteria considered in relationship to the needs of the program and number of students who can be reasonably accommodated. Applicants who present graduate grade-point averages that are lower than those listed above may be considered for admission on the basis of additional factors. Finalists for admission who are invited must also interview with the program admissions committee. The interview process includes completion of a writing sample and a videotaped counseling interview.

Curriculum

The Ph.D. program goes well beyond the accumulation of graduate course credits. It includes coursework, supervised field experiences, completion of examinations, a research project, and a dissertation. The degree program includes a minimum of 114 graduate credits beyond the bachelor's degree. There are 48 credits of entry-level core counseling courses (includes three credits in research), 12 credits of counseling courses in an area of concentration, 39 credits of doctoral-level core counseling courses (includes 12 credits in research), and 15 additional credits in research courses. Because of the number of credits completed in research (30 credits total), this area serves as the minor for doctoral students. The doctoral program includes a 100 hour practicum and a 600 hour

internship. Concentration areas in counseling in the doctoral program are focused in a particular area of counseling such as college/student affairs counseling, clinical mental health counseling, or school counseling. A Program of Study must be completed at the end of the student's first year of enrollment in the doctoral program.

Research Tools

Ph.D. students must complete a minimum of 30 credits in research, which includes coursework and dissertation research. Students develop competency in both quantitative and qualitative research methods. They choose one primary method for their dissertation and complete advanced research courses in that area.

Retention Standards

Ph.D. degree students will be dismissed for any of the following academic reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study; their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; they fail the general or final (dissertation defense) examination twice.

Residency

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence.

The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee. Transfer credit from other institutions may be accepted in partial fulfillment of the residency requirement if approved by the department and the Graduate School.

Prior Master's Work

A student, with approval from the major professor and the department, may have credits earned toward one or more master's degrees completed at other universities and up to 15 semester hours earned outside of a master's degree program, applied to the Ph.D. curriculum. Only graduate credits in which grades of B were earned that were taken in residence at another university may be utilized.

Continuous Enrollment

Doctoral students, after being admitted to the Ph.D. program, must enroll in graduate courses each fall and spring until being awarded the degree. A leave of absence must be formally requested from the faculty prior to any semester in which this requirement is not met. Students will be dismissed if they fail to meet this continuous enrollment requirement.

General Examination

Students must successfully complete a general examination to continue in the Ph.D. program. Students may take the general examination when they have completed most of their coursework, as defined by the faculty.

Time Limit

The Ph.D. in Counselor Education follows the Graduate School requirement for time limit (see Graduate School).

Creative Writing, M.F.A.

Student Learning Outcomes

- Students will produce high quality/publishable creative work in the genres of either fiction writing, poetry, nonfiction writing, playwriting or screenwriting.

- Students will demonstrate a sophisticated understanding of literary techniques in the genre of study.
- Students will demonstrate mastery of grammatical rules and display ability to edit texts at a professional level.
- Students will analyze and display an expertise in the literature of their genre. They will articulate clear and complex ideas on both classical and contemporary writing in their field of study.
- Students will demonstrate an understanding of the craft elements at work in classic and contemporary literature.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, an applicant is accepted for graduate work upon the recommendation of the creative writing faculty on the basis of clearly demonstrated skills in a creative writing genre, a personal statement, and three letters of recommendation. All applicants must identify the genre in which they plan to specialize and submit a portfolio of their writing in the genre (two plays of any length, a feature-length film script, two short stories or a 25-page novel excerpt, ten poems, two short nonfiction pieces, or a 35-page book excerpt).

Degree Requirements

Resident option

- Completion of at least 45 hours of Film and Theatre, and English courses.
- Fifteen hours of 6000-level course work in creative writing workshops, at least 12 of which will be in the thesis genre area. These required course are: for fiction writing ENGL 6161; for poetry writing, ENGL 6163; for nonfiction, English 6154; and for playwriting, FTA 6200. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Three hours in a craft seminar in their genre. These required courses are: for fiction writing, English 6945; for poetry writing, ENGL 6943; for nonfiction writing, English 6940; and for playwriting, ENGL 6946. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Any additional craft courses will count as electives.
- Three hours in ENGL 6154 - Non-Fiction Writing Workshop. For students whose genre is nonfiction writing, a workshop in a genre other than nonfiction is required in place of the three hours in ENGL 6154 required of students in the other genres.
- Nine hours in background literature courses. Fiction, poetry, and nonfiction writing students will be required to take this in the literature of their genre.
- Screenwriting and playwriting students must also take background courses in the literature of their genre, with the exception that up to six hours of this requirement may be taken in techniques courses in the Film and Theatre Arts Department.
- A grade of B or better in all required course work.
- Nine hours of electives. Chosen in consultation with the Director of Creative Writing, these elective hours will be expected to conform to a cohesive program of study.
- An overall GPA of 3.0 in elective courses.
- A creative thesis for which the student may receive six hours of preparation credit. The creative writing thesis will be prepared under the supervision of a committee approved by the Graduate School. The committee will ordinarily consist of three members of the graduate faculties of the departments of Film and Theatre and English. The thesis director and at least one other member must teach in the student's genre area.
- A comprehensive exam in the student's genre area that will be prepared, administered, and graded by the thesis committee. It will concern itself with the literature of the student's genre area.
- Students who hold master's degrees from other UNO programs may apply for admission, but upon acceptance they must meet all requirements for the M.F.A. degree listed above. However, only 9 hours from prior master's courses can count toward completion of the MFA, and all 15 required workshop hours must be conducted at UNO.

Financial Aid

Graduate assistantships are also available for qualified students in all Master of Fine Arts programs of study.

Online MFA

- The Online Master of Fine Arts is a unique option within the Master of Fine Arts in Creative Writing. Online Master of Fine Arts students take all their courses through distance learning, with the option of completing some coursework at one of UNO's summer study abroad sites. The program is a 45 hour terminal degree, with the curriculum centered on 18 hours of creative writing workshops, plus 12 hours of background courses, nine hours of electives, and six hours of thesis preparation; the required courses mirror the resident Master of Fine Arts degree.
- Completion of at least 45 hours of Film and Theatre and English courses.
- At least 27 hours of courses 5000 level and above must be taken online. The additional coursework may be completed in residence, through UNO Study Abroad.
- A total of 15 hours of creative writing workshops (including those taken in residence) must be completed, at least 12 of which will be in the thesis genre area. The required online workshops are: for fiction writing ENGL 6171 or ENGL 6191; for poetry writing, ENGL 6173 or ENGL 6193; for nonfiction; ENGL 6174 or ENGL 6194; and for playwriting, FTA 6207 or FTA 6209. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Three hours in nonfiction writing are required of all students. For students whose genre is nonfiction writing, a workshop in a genre other than nonfiction is required in place of the three hours of nonfiction writing required of students in the other genres.
- Three hours in a craft seminar in their genre. These required courses are: for fiction writing, ENGL 6941; for poetry writing, ENGL 6943; for nonfiction writing, ENGL 6944; and for playwriting, ENGL 6946. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Nine hours in background literature courses. Fiction, poetry, and nonfiction writing students will be required to take courses in which the literature of their respective genre comprises the majority of the assigned readings. Screenwriting and playwriting students must take background courses in the literature of their respective genre with the exception that up to six hours of this requirement may be taken in techniques courses in the Film and Theatre Arts Department.

- A grade of B or better in all required course work.
- Nine hours of electives. Chosen in consultation with the Director of Creative Writing, these elective hours will be expected to conform to a cohesive program of study. Any additional craft seminars beyond the one "in genre" required as outlined above will count as electives.
- An overall GPA of 3.0 in elective courses.
- A creative thesis for which the student may receive six hours of preparation credit. The creative writing thesis will be prepared under the supervision of a committee approved by the Graduate School. This committee will ordinarily consist of three members of the graduate faculties of the departments of Film and Theatre and English. The thesis director and at least one other member of the thesis committee must teach in the student's genre.
- A comprehensive exam in the student's genre area that will be prepared, administered, and graded by the thesis committee. It will concern itself with the literature of the student's genre area.
- Students who hold master's degrees from other UNO programs may apply for admission, but upon acceptance they must meet all requirements for the M.F.A. degree listed above. Moreover, only 9 hours from prior master's courses can count toward completion of the MFA, and all 15 required workshop hours must be conducted at UNO.

Criminology Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Urban Criminology. The purpose of this Minor is to educate students interested urban justice issues such as criminology, criminal justice, environmental justice and judicial processes. The Minor signifies that students have a basic and general understanding of Criminology.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of eighteen credit hours, from SOC 4911, SOC 4921, SOC 4954, POLI 4410, POLI 4420, POLI 4440, PADM 4810 or URBN 2000, URBN 2999, URBN 3002, URBN 4005, URBN 4810.
- The Coordinator may permit substitution of these hours with UNO Special Topics courses or Independent Study courses. Appropriate courses offered at UNO or other universities may be suggested as substitutes.
- Course substitutions permitted with department approval.
- A minimum 2.0 grade-point average must be attained in all courses in the Minor program.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Curriculum and Instruction, M.Ed.

Program Overview:

The Master of Education (M.Ed.) degree is designed to offer candidates who already hold teacher certification an opportunity to address one or more advanced preparation objectives including the requirements of an add-on certification option, advanced preparation in their existing certification area, coursework addressing an advanced skill set, or additional training in one or more content areas.

Student Learning Outcomes

- Students will analyze and critique knowledge in their area of concentration demonstrating theory-practice-research interaction.
- Students will plan and implement an action research project addressing a current educational issue.
- Students will synthesize and evaluate action research project
- Students will demonstrate effective oral communication skills required of a professional in the field.

Admission

The prospective master's student must meet the admission requirements established by the Graduate School. In addition, applicants must hold a standard teaching certificate.

Curriculum

The minimum requirement in the M.Ed. program is 36 credit hours that include 12 credit hours of required coursework and 24 credit hours in a specialty area. Specialty areas include Gifted, Early Intervention, English as a Second Language, Mild/Moderate, Reading Specialist, or Advanced Exploration. No more than 9 credit hours can be earned in 5000-level courses. Any M.Ed. candidate receiving more than six hours of graduate coursework with a grade of C or lower will

be dropped from the program.

Each candidate is required to complete a minimum of 40 clock hours of field work associated with assignments in courses within the program of study. Candidates must develop an electronic portfolio aligned with professional standards to demonstrate their effectiveness as a teacher. Each candidate must also successfully complete the Mid-Program Assessment that includes a Research Paper and Oral Examination on a Contemporary Issue that demonstrates competency in theory-practice-research interaction. In addition, each candidate will complete a Final/Capstone Assessment consisting of an Action Research Project and Oral Examination. Two failures of the examination necessitate dismissal from the master's program.

Cybersecurity & Operations, MS

The Master of Science in Cybersecurity & Operations degree requires a minimum of 30 credit hours, and offers thesis and non-thesis options. All students must earn a minimum of 15 credit hours from eligible 6000-level courses.

Prerequisites

To enter the program, a student must have completed a four-year baccalaureate degree recognized by the University of New Orleans. A student must have successfully completed the following three UNO courses or their equivalent at another institution.

- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 4621 - Intro Cyber Security - **Credits: 3**

Students who do not meet the prerequisites can begin their program by taking the corresponding 5000-level section of these courses, subject to their respective requisites:

- CSCI 5311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 5401 - Principles Operating Systems I - **Credits: 3**
- CSCI 5621 - Intro Cyber Security - **Credits: 3**

Supporting Courses

Up to 12 credits maximum.

Students who have taken for credit the corresponding undergraduate courses at UNO or the equivalent at institution cannot take the corresponding 5000-level section for credit towards the degree.

- CSCI 5130 - Intro Cryptography - **Credits: 3**
(Students must either have undergraduate credit for CSCI 4130 or equivalent, or must complete either CSCI 5130 Intro to Cryptography, or CSCI 6626 Advanced Cryptography.)
- CSCI 5402 - Principles Operating Systems II - **Credits: 3**
- CSCI 5460 - Network Op & Defense - **Credits: 3**
- CSCI 5622 - Reverse Engineering - **Credits: 3**
- CSCI 5623 - Digital Forensics - **Credits: 3**

Core Cybersecurity Courses

12 credits minimum required.

- CSCI 6621 - Network Security - **Credits: 3**
- CSCI 6625 - Network Penetration - **Credits: 3**
- CSCI 6663 - Software security - **Credits: 3**

Breadth Courses (6000-level) SYSTEMS

Students can take up to five 6000-level courses (15 credit hours) towards satisfying the degree requirements from the **two categories of Breadth Courses, SYSTEMS and ALGORITHMS.**

If two or three Breadth courses are taken, then at least one of each of the two categories must be present.

If four or five Breadth courses are taken, then at least two of each of the two categories must be present.

- CSCI 6350 - Dev of Distributed Software - **Credits: 3**
- CSCI 6450 - Principles Distributed Systems - **Credits: 3**
- CSCI 6452 - Cloud Computing - **Credits: 3**

Breadth Courses (6000-level) ALGORITHMS

Students can take up to five 6000-level courses (15 credit hours) towards satisfying the degree requirements from the **two categories of Breadth Courses, SYSTEMS and ALGORITHMS.**

If two or three Breadth courses are taken, then at least one of each of the two categories must be present.

If four or five Breadth courses are taken, then at least two of each of the two categories must be present.

- CSCI 6250 - Big Data Analytics and Systems - **Credits: 3**
- CSCI 6633 - Computer Vision - **Credits: 3**
- CSCI 6634 - Data Visualization - **Credits: 3**
- CSCI 6635 - Pattern Recognition - **Credits: 3**
- CSCI 6650 - Intelligent Agents - **Credits: 3**

Thesis Option (Research track)

6 credits of CSCI 7000 Thesis Research (at most 3 credits per semester) working with a faculty advisor on a research problem in cybersecurity in lieu of two elective courses. Thesis-option students still must complete at least five 6000-level eligible courses.

Non-thesis Option (Professional track)

Non-thesis students must complete at least seven cybersecurity courses from the CORE and SUPPORTING categories, as listed below. CSCI 7000 Thesis Research cannot be used to satisfy the credit requirements of the non-thesis option.

Data Analytics Graduate Certificate

Program Overview:

The graduate certificate in Data Analytics provides students with the tools to meet the increased demand for professionals who can interpret, explain and present large quantities of data for decision-making.

Student Learning Outcomes:

- Utilize statistical principles to review, organize & analyze data
- Design statistical models for large data sets
- Build projections and forecast outcomes

Requirements

The certificate requires 4 courses, including a core of 2 Mathematics courses that provide a foundation in statistical analysis and modeling; and 2 additional courses in options that focus on the application of data analytics methods in different fields including statistical learning, management and urban research.

Requirement

- MATH 5371 Data Analytics **Credits: 3**
- MATH 6371 Advanced Data Analytics **Credits: 3**

Option I Statistical Learning

- MATH 5385 - Statistical Learning - **Credits: 3**
- MATH 6395 - Advanced Statistical Learning **Credits: 3**

Option II Management

- MANG 5780 - Business Intelligence **Credits: 3**
OR
- MKT 5700 - Marketing Analytics - **Credits: 3**

- ENMG 6120 - Project Management - **Credits: 3**

Option III Urban Research

- MURP 6020 - Analytic Methods for Planners - **Credits: 3**
- MURP 6121 - Urban & Regional Analysis II - **Credits: 3**

Data Engineering Undergraduate Certificate

Prerequisite Courses for Required Courses

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed below:

- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2124 - Calculus II - **Credits: 4**

Prerequisite Courses for ENEE 3582 option

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed below:

- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**

Required Courses

- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- MATH 4311 - Intro Mathematical Statistics - **Credits: 3**

Elective Courses (Choose two of three)

- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3571 - Cloud Technology Foundations - **Credits: 3**
- ENEE 4583 - Deep Learning - **Credits: 3**

Disaster Management & Community Resilience Graduate Certificate

Course Requirements

- PADM 6130 - U.S. Disaster Policy - **Credits: 3** (core required)

Three additional courses from:

- URBN 5150 - Planning for Hazards - **Credits: 3**
- SOC 5875 - Soc of Disaster - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- MURP 6030 - Social Policy Planning - **Credits: 3**
- MURP 5140 - Environmental Planning - **Credits: 3**
- MURP 5145 - Coastal Zone Planning & Admin - **Credits: 3**
- URBN 5140 - Citizen Participation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**

Other courses as approved by the Chair of the Department of Planning & Urban Studies.

Disaster Management & Community Resilience Minor

The Minor in Disaster Management & Community Resilience draws its required and optional courses from disciplines in the College of Liberal Arts, Education and Human Development, and the College of Business. This interdisciplinary Minor capitalizes on the unique expertise resident in UNO's faculty to provide students with an understanding of how hazards affect communities, government and non-profit agencies, businesses and social systems.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of four core courses: URBN 4150, SOC 4871, GEOG 4805, and HIST 2050.
- Completion of two courses from an approved list * (in addition to the core courses).
- A 2.0 grade-point average in all courses used to fulfill this Minor.

*Approved courses for this minor: SOC 4098 (when hazard-related topic); ANTH 4721; GEOG 4150, URBN 4800, URBN 4800 (hazard-related topic), URBN 4810; MURP 4140, MURP 4145, MURP 4800 (when hazard-related topic); PADM 4800 (when hazard-related topic), PADM 4810, POLI 4170; FIN 4311. To meet the prerequisite requirements for some of the approved courses, students may need to complete more than the minimum 18 hours required for this Minor.

Disaster Management and Community Resilience Graduate Certificate

Course Requirements

- PADM 6130 - U.S. Disaster Policy - **Credits: 3** (core required)

Three Additional Courses From:

- URBN 5150 - Planning for Hazards - **Credits: 3**
 - SOC 5875 - Soc of Disaster - **Credits: 3**
 - GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
 - MURP 6030 - Social Policy Planning - **Credits: 3**
 - MURP 5140 - Environmental Planning - **Credits: 3**
 - MURP 5145 - Coastal Zone Planning & Admin - **Credits: 3**
 - URBN 5140 - Citizen Participation - **Credits: 3**
 - URBN 6165 - Urban Public Policy Analysis - **Credits: 3**
- Other courses as approved by the Chair of the Department of Planning and Urban Studies.

Changes

Students should check with the Department of Planning and Urban Studies about any revisions approved for the program, but which may not be reflected in this catalog.

Earth and Environmental Sciences Minor

An undergraduate majoring in another subject may minor in earth and environmental sciences by completing 20 .credit hours in EES with a grade of C or better in each EES course taken. These courses must include EES 1000 and EES 1001. Students must also take either EES 1002 and EES 1003 or EES 2004 and EES 2005 (cannot take both for Minor). Of the remaining 12 credit hours, 10 credit hours must be taken at the 3000-level or above. Also, at least 10 of the 20 credit hours must be taken at UNO.

Earth and Environmental Sciences, Environmental and Coastal Concentration, B.S.

- Students will be able to construct and effectively present earth and environmental sciences information and concepts visually and verbally through oral presentations.
- Students will be able to explain earth and environmental sciences concepts and present and interpret data in a technical writing format by their date of graduation.
- Students will demonstrate an understanding of fundamental concepts in geomorphology.
- Students will demonstrate an understanding of fundamental concepts in paleontology, earth history, and evolution.
- Students will demonstrate an understanding of environmental sciences.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

3

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences elective **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- 2nd SCI Elective + PAIRED LAB (non EES) **Credits: 4**⁵
- Science Electives **Credits: 9**
- Electives **Credits: 14**

Total Credit Hours: 37

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Course Requirements for Major

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**

- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Approved EES electives **Credits: 6**

Total Credit Hours: 28

Concentration Requirements

- EES 2510 - Environmental Science & Policy - **Credits: 3**
- EES 4925 - Intro to Physical Oceanography - **Credits: 3**⁶
- EES 4520 - Estuarine Envir Sci - **Credits: 4**⁶
- EES 4550 - Coastal Geomorphology - **Credits: 3**⁶
- EES 4949 - Natural Resource Mgt - **Credits: 3**⁶

Total Credit Hours: 16

Total Credit Hours Required: 120

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Notes:

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy the General Education requirements. Check **General Education Courses** to confirm what courses fulfill this requirement.
- Includes 1 credits of Math listed in General Education Requirements section.
- Select from BIOS 1081 and BIOS 1083; or CHEM 1008 and CHEM 1018; or PHYS 1032 and PHYS 1035; PHYS 1062 and PHYS 1065.
- Up to two of these courses may be substituted by other EES courses of the same level and credit hours.

Four Year Plan of Study

First Year of Enrollment

First Term

- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- Elective **Credits: 2**
- EES 2051 - Geomorphology - **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Second Term

- Science Elective **Credits: 3**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 2510 - Environmental Science & Policy - **Credits: 3**
- Humanities **Credits: 3**
- Science Elective/Lab **Credits: 4**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- Elective **Credits: 3**
- Arts **Credits: 3**
- Humanities **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- EES 4949 - Natural Resource Mgt - **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 4520 - Estuarine Envir Sci - **Credits: 4**
- Social Sciences **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 13

Fourth Year of Enrollment

First Term

- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- Social Sciences **Credits: 3**
- EES Approved Elective **Credits: 3**
- Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**

- EES 4925 - Intro to Physical Oceanography - **Credits: 3**
- Elective **Credits: 2**
- EES Approved Elective **Credits: 4**

Total Credit Hours: 15

Total Credit Hours Required: 120

Earth and Environmental Sciences, Geosciences Concentration, B.S.

Student Learning Outcomes

- Students will be able to construct and effectively present earth and environmental sciences information and concepts visually and verbally through oral presentations.
- Students will be able to explain earth and environmental sciences concepts and present and interpret data in a technical writing format by their date of graduation.
- Students will demonstrate an understanding of fundamental concepts in geomorphology.
- Students will demonstrate an understanding of fundamental concepts in paleontology, earth history, and evolution.
- Students will demonstrate an understanding of environmental sciences.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences elective **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- 2nd SCI Elective + PAIRED LAB (non EES) **Credits: 4**⁵
- Science Electives **Credits: 9**
- Electives **Credits: 14**

Total Credit Hours: 37

Course Requirements for Major

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Approved EES electives **Credits: 6**

Total Credit Hours: 28

Concentration Requirements

- EES 2700 - Earth Materials - **Credits: 3**
- EES 3100 - Earth Structure - **Credits: 3**⁶
- EES 3310 - Ign Met Sed Petrology - **Credits: 3**⁶
- EES 4110 - Introduction to Geophysics - **Credits: 3**⁶
- EES 4750 - Principles of Stratigraphy - **Credits: 4**⁶

Total Credit Hours: 16

Total Credit Hours Required: 120

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Notes:

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 1 credits of Math listed in General Education Requirements section.
- Select from BIOS 1081 and BIOS 1083; or CHEM 1008 and CHEM 1018; or PHYS 1032 and PHYS 1035; PHYS 1062 and PHYS 1065.
- Up to two of these courses may be substituted by other EES courses of the same level and credit hours.

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- Elective **Credits: 2**
- Humanities **Credits: 3**
- Science Elective/Lab **Credits: 4**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EES 3100 - Earth Structure - **Credits: 3**
- Arts **Credits: 3**
- Humanities **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- EES 3310 - Ign Met Sed Petrology - **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 4750 - Principles of Stratigraphy - **Credits: 4**
- Social Sciences **Credits: 3**
- Elective **Credits: 4**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- Social Sciences **Credits: 3**
- EES Approved Elective **Credits: 3**
- Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Elective **Credits: 2**
- Elective **Credits: 3**
- EES 4110 - Introduction to Geophysics - **Credits: 3**
- EES Approved Elective **Credits: 3**

Total Credit Hours: 14

Total Credit Hours Required: 120

Earth and Environmental Sciences, M.S.

Program Overview:

The Department of Earth and Environmental Sciences (EES) offers a multi-disciplinary program of study a wide variety of research options that lead to the degree of Master of Science. The faculty teach about topics relevant to Louisiana's earth resources and environment, but also participate in internationally recognized research. The multi-disciplinary approach of EES better prepares graduates for a professional setting where different scientists from diverse disciplines work together to achieve common objectives.

The Department also participates in the Doctor of Philosophy in Engineering and Applied Science program. As an interdisciplinary graduate degree program, the student will need to review the requirements for the Engineering and Applied Sciences Doctor of Philosophy which is administered jointly by the College of Sciences and the College of Engineering at UNO. The degree is administered through this program while dissertation research is conducted in EES.

Student Learning Outcomes

- EES Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and area of specialty.
- EES Graduate students will be able to construct and effectively competently present Earth and Environmental Sciences information and concepts information and concepts visually and verbally through oral presentations.
- EES Graduate students will be able to explain in technical written format an advanced understanding of concepts in areas related to their thesis research and area of specialty.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

Admission requirements for entering the M.S. in Earth and Environmental Science include:

- an undergraduate GPA > 3.0;
- completion of the Graduate Record Examination, with a minimum total score of 300 (Verbal + Quantitative) being higher preferred;
- submission of a letter of intent to EES
- submission of two letters of recommendation;
- Resume or C.V.

Foreign applicants (non-English speaking countries) must also provide proof of English proficiency (see Graduate School).

Degree Requirements

A choice is provided between (i) a thesis or a research program, calling for 30 credit hours of graduate credit (24 credit hours of coursework, and 6 credit hours of research). Nine of the 24 credit hours must be earned at or above 6000; and (ii) a non-thesis option, requiring 30 credit hours of graduate credit, including 3 hours of a masters-level project (EES 6095). Twelve of the 27 hours of coursework must be earned in courses numbered at or above 6000.

All Master of Science graduate students will be required to:

- Form a thesis committee within his or her first semester consisting of a at least three committee members with graduate faculty status;
- Submit a prospectus or research work plan to the thesis committee within her or his first year; and
- Submit and publicly defend a thesis or project upon completion of course work and research.

Financial Aid

Both teaching and research assistantships are available through EES. Teaching assistantships are competitive with preference given to those qualified applicants with experience in teaching basic geology and/or environmental science laboratory courses. Graduate students (M.S. and Doctor of Philosophy) may also be supported by research assistantships provided by their advisor. Potential students are encouraged to discuss the possibilities with your advisor prior to applying. Finally, there are numerous scholarships available to EES graduate students through the University. See the respective websites for further detail.

Economics Minor

Students wishing to minor in Economics may do so by completing the following required courses and electives in Economics with a grade of C or better in each course:

Minor Requirements

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- plus nine hours of electives from economics courses at the 3000 or higher level.

Educational Administration, Ph.D.

Program Overview:

The Educational Administration doctoral program prepares individuals intending to build academic or administrative careers in the areas of school, college, or university leadership and administration. Consistent with emerging paradigms for effective practice which attend to pipeline issues as a key factor in student success through college, the program curriculum will focus on understanding and leading education as a PK-16+ integrated system. Because students will be coming from a variety of curricular backgrounds the core curriculum has been designed to engage students in a basic understanding of educational administration and leadership with progression to more advanced theoretical formulations of leadership, administration, and organization of schools and post-secondary institutions.

Student Learning Outcomes

- Students will produce a dissertation research project of publishable quality.
- Students will demonstrate specialized knowledge of the scholarship in a specialty area of educational administration.
- Students will analyze and evaluate a current issue of practice in the field of educational administration.

Admission

Prospective Ph.D. degree students must meet the admission requirements established by the Graduate School and also provide valid GRE scores, a statement of purpose, a CV or Resume and recommendations from 3 individuals able to address the applicant's academic potential. Admission decisions are based on all criteria considered in relationship to the needs of the program and number of students who can be reasonably accommodated. Applicants who present test scores or graduate grade-point averages that are lower than those listed above may be considered for provisional admission. It is recommended that applicants consult at least one program faculty member early in the process of preparing the application. Students who submit complete applications prior to the date published by the department will be considered.

Requirements for the Doctoral Degree

The Educational Administration Ph.D. program is suited for those planning careers in school and university administration, university teaching, educational research organizations, or any education-related leadership profession. Ph.D. studies in educational administration emphasize research methodology, and students conduct self-directed dissertation research to extended both theory and practice in the field. The program curriculum focuses on understanding and leading education as a PK-16+ integrated system. For those students without a Master's degree in educational administration or higher education, concentrations are available in K-12 school leadership and higher education administration.

The general regulations and procedures governing programs leading to the Doctor of Philosophy, as explained elsewhere in this catalog, will be followed. Specific application of these regulations and procedures to doctoral programs in education, as well as fundamental differences in the programs, is listed below.

Program of Study

The Ph.D. program goes well beyond the accumulation of graduate course credits. It includes coursework, completion of examinations, a research project, and a dissertation. The degree program includes a minimum of 52 credits beyond the Master's degree. Students take a group of core doctoral courses, research methods courses, and dissertation research. Students with no Master's degree in either educational administration or higher education may be required to complete additional coursework (a 12-hour concentration in their discipline). Students should consult the department for specific requirements.

Research Tools

Ph.D. students must complete a minimum of 21 credits in educational research methods. Students develop competency in both quantitative and qualitative research methods.

Retention Standards

Ph.D. degree students will be dismissed for any of the following reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study (this includes the accumulation of more than one "U" grade in EDAD 7050, indicating lack of progress on the dissertation); their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; they fail the qualifying, general, or final (dissertation defense) examination twice; or they fail to maintain continuous enrollment in all fall and spring semesters until successful completion of the dissertation and graduation.

Residency

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence.

The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee.

Research Project

Doctoral students complete a research project as defined by the faculty prior to taking their general examination.

Continuous Enrollment

Doctoral students, after being admitted to the Ph.D. program, must enroll in graduate courses each fall and spring until being awarded the degree. A leave of absence must be formally requested from the faculty prior to any semester in which this requirement is not met. Students will be dismissed if they fail to meet this continuous enrollment requirement.

Qualifying Examination

After successful screening into the PhD program, and typically during the second semester of their enrollment in the program, students must successfully complete the Qualifying Examination to qualify for continued enrollment in the program. Program faculty develop exam content and evaluate student responses to the exam. The exam is designed to assess the level of critical thinking and scholarly writing demonstrated by the student.

General Examination

Students must successfully complete a general examination to continue in the Ph.D. program. Students may take the general examination when they have completed most of their coursework, as defined by the faculty, and garnered advisor approval of the dissertation prospectus for the proposed dissertation research project.

Time Limit

New doctoral students must complete their degree not more than six years from admission to candidacy (Generals) to degree completion. Prior work completed that is applied toward the degree must have been completed within nine years of the date the Ph.D. is awarded.

Educational Leadership, M.Ed.

Student Learning Outcomes

- Students will demonstrate standards-relevant knowledge believed necessary for competent professional practice.
- Students will apply theory to problems of professional practice in educational settings.
- Students will demonstrate appropriate dispositions to be an effective school leader.

Admission

In addition to minimum Graduate School requirements applicants must possess a standard teacher's license, 3 years of teaching experience, provide a valid GRE score, a current resume, and letter of recommendation from the principal or district level supervisor. Admission decisions are based on all criteria considered in relationship to the need of the program and number of students who can be reasonably accommodated.

Degree Requirements:

The master's program in Educational Leadership prepares graduates for leadership positions in K-12 school settings. Successful completion of EDAD 6800 and EDAD 6805 (6 graduate hours) allows a teacher candidate to apply to the Louisiana State Department of Education for the "Teacher Leader Endorsement" to be added to their teaching certificate. After the first 6 hours, potential students are screened for admission into the 36 credit hour program of study which results in a Master's Degree in Educational Leadership. Completers of the Master's Degree Program qualify to apply for certificate/license as an "Educational Leader Level 1".

The Educational Leader Level 1 is an entry-level license for individuals seeking to qualify for school and/or district leadership positions (e.g., assistant principals, principals, parish or city supervisors of instruction, supervisors of child welfare and attendance, special education supervisors, or comparable school/district leader positions). An individual can move from an Educational Leaders Level 1 to a Level 2 license upon completion of the Educational Leader Induction Program and the required years of experience. A Level 3 license qualifies an individual for employment as a district superintendent.

Curriculum

The Master of Education (M.Ed.) degree program in K-12 Educational Leadership requires 36 credit hours, including three hours of research. The Master of Education in K-12 Educational Leadership is an approved Educational Leader Level 1 certification program by the Louisiana Board of Elementary and

Secondary Education. A Program of Study must be completed at the end of the student's first year of enrollment in the master's program.

Retention and Graduation Standards

To remain in the master's program, students must not accumulate more than two grades lower than a B and must meet all requirements of the Educational Leadership program. M.Ed. students must pass the Comprehensive Examination. The comprehensive exam cannot be taken more than twice.

Comprehensive Examination

M.Ed. degree students must pass a comprehensive examination, which must be taken near the end of the student's degree program. The examination covers all of the core areas of the student's field of study. The student must be enrolled at the University during the semester in which the Comprehensive Exam is taken and during the semester of graduation.

Time Limit

M.Ed. students must follow the Graduate School time limit for Master's degrees.

Electrical Engineering Minor

Minor Requirements

Students wishing to minor in Electrical Engineering may do so by completing 19 hours of required courses and electives in Electrical Engineering (ENEE prefix) with a grade of C or better in each course.

Required Courses:

- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- **OR**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2582 - Digital System Design - **Credits: 3**

Other Courses:

In addition to the required courses, students must complete 9 hours of Electrical Engineering courses at the 3000 or 4000 level.

Electrical Engineering, Accelerated Masters (BSEE & MSE)

The BSEE-MSE Accelerated Master's (AM) Degree offers the opportunity for outstanding Electrical Engineering students who are still pursuing the Bachelor of Science in Electrical Engineering (BSEE) to begin earning credit toward the Master of Science in Engineering (MSE).

Guidelines

- An updated undergraduate plan of study, outlining all requirements for the BSEE degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
- Before an undergraduate BSEE-MSE AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
- **Graduate Coursework:**
- BSEE-MSE AM students may apply a maximum of **6** graduate hours to the BSEE degree. Graduate coursework in the following areas will not count in the BSEE-MSE AM program toward the BSEE degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other field-based placement, or thesis;

- Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of **3.00**. Graduate courses in which a GPA is less than **3.00** may be counted towards satisfaction of the BSEE degree but not towards the MSE degree;
- To remain in an BSEE-MSE AM degree program, the student must maintain at least a **3.00** overall GPA in graduate coursework.
- The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferable to the MSE degree and will show on both the graduate and undergraduate transcripts.
- The BSEE degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
- If an AM student requests admission to any other master's program (or does not complete the MSE degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.

Electrical Engineering, B.S.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students.

The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical
- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science, and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- Knowledge of probability and statistics and an ability to apply this knowledge to solve electrical engineering problems.
- Knowledge of mathematics through differential and integral calculus, basic sciences, computer science, engineering sciences and electrical engineering necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components.
- Knowledge of advanced mathematics including differential equations, linear algebra, complex variables, and discrete mathematics.
- An ability to manage engineering projects.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 41

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGR 3090 **Credits: 1**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- MATH 2221 - Elem Differential Equations - **Credits: 3**

Total Credit Hours: 40

4

Course Requirements for Major

- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**⁵
OR
- ENEE Electives **Credits: 4**⁶

- ENEE 3583 - Computer System Design - **Credits: 3**⁵
OR
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**⁶
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- ENEE Electives (3xxx or 4xxx) **Credits: 9**
- ENEE Elective ^{5,6} or CSCI Elective ⁵ **Credits: 3**

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**⁵
OR
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**⁶

Total Credit Hours: 43

Total Credit Hours Required: 122

- "C" or better required
 - Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - Includes 2 credits of Math listed in General Education requirements section
 - Required courses for Electrical Engineering Degree with Computer Engineering concentration
 - Required courses for Electrical Engineering Degree with no concentration
- A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.**

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 2114 - Calculus I - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- PHIL 2244 - Engineering Ethics - **Credits: 1**

Total Credit Hours: 16

Second Term

- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 2582 - Digital System Design - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2152 **Credits: 3**

Total Credit Hours: 17

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- Literature Elective **Credits: 3**

Total Credit Hours: 14

Third Year of Enrollment

First Term

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- BIOS Elective **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- Social Science Elective **Credits: 3**
- Arts Electives **Credits: 3**
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENGR 3090 **Credits: 1**
- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective Lab 3000+ **Credits: 1**
- ENEE Elective 3000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 123

1

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree which requires 122 credit hours.

Electrical Engineering, Computer Engineering Concentration, B.S.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students. The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical
- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science, and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- Knowledge of probability and statistics and an ability to apply this knowledge to solve electrical engineering problems.
- Knowledge of mathematics through differential and integral calculus, basic sciences, computer science, engineering sciences and electrical engineering necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components.
- Knowledge of advanced mathematics including differential equations, linear algebra, complex variables, and discrete mathematics.
- An ability to manage engineering projects.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 41

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGR 3090 **Credits: 1**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- MATH 2221 - Elem Differential Equations - **Credits: 3**

Total Credit Hours: 40

4

Course Requirements for Major

- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**⁵
OR
- ENEE Electives **Credits: 4**⁶

- ENEE 3583 - Computer System Design - **Credits: 3**⁵
OR
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**⁶
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- ENEE Electives (3xxx or 4xxx) **Credits: 9**
- ENEE Elective ^{5,6} or CSCI Elective ⁵ **Credits: 3**

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**⁵
OR
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**⁶

Total Credit Hours: 43

Computer Engineering Concentration

- ENEE 3583 - Computer System Design - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- ENEE Elective or CSCI Elective **Credits: 3**

Total Credit Hours: 13

Total Credit Hours Required: 122

- "C" or better required
 - Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - Includes 2 credits of Math listed in General Education requirements section
 - Required courses for Electrical Engineering Degree with Computer Engineering concentration
 - Required courses for Electrical Engineering Degree with no concentration
- A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.**

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 2114 - Calculus I - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- PHIL 2244 - Engineering Ethics - **Credits: 1**

Total Credit Hours: 16

Second Term

- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 2582 - Digital System Design - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2152 **Credits: 3**

Total Credit Hours: 17

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- Literature Elective **Credits: 3**

Total Credit Hours: 14

Third Year of Enrollment

First Term

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- BIOS Elective **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- Arts Elective **Credits: 3**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- Social Science Elective **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENGR 3090 **Credits: 1**
- ENEE 3583 - Computer System Design - **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE or CSCI Elective 3000+ **Credits: 3**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 123

1

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree which requires 122 credit hours.

Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach), B.S.

Requirements for Bachelor's Degree in Elementary Education

Integrated to Merged Approach with Certification in General Education and Special Education Mild/Moderate Disabilities Grades One Through Five

A grade below "C" will not be accepted for candidates seeking Integrated to Merged Elementary certification.

The curriculum in the Integrated to Merged Elementary option has five components:

- general education,
- focus area,
- knowledge of the learner and the learning environment
- methodology and teaching, and
- special education.

Student Learning Outcomes

- Demonstrate knowledge in Special Education in Mild/Moderate disabilities.
- Demonstrate appropriate dispositions to be an effective special educator in Mild/Moderate disabilities.
- Demonstrate the ability to design, deliver, and evaluate instruction to impact student learning.

Curriculum in Bachelor of Science in Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach)

General Education Requirements

1

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**

Total Credit Hours: 27

Course Requirements for Major

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**

- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Stdies - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDSP 3620 - Methods Students M/M - **Credits: 3**
- EDSP 4740 - Res II: Elem Ed - Spec Ed - **Credits: 9**
- EDSP 3650 - Prac in Positive Behavior - **Credits: 3**
- EDSP 3660 - Practicum Inclusive - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDSP 4730 - Residency I: Elem Ed - **Credits: 6**

Total Credit Hours: 54

Total Credit Hours Required: 120

• Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

NOTE: CHEM 1001 AND URBN 1000 are not acceptable for a degree in Elementary Education.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" in all courses

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Social Science **Credits: 3**²
- Arts **Credits: 3**²
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- EDSP 3620 - Methods Students M/M - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Stdies - **Credits: 3**
- EDSP 3650 - Prac in Positive Behavior - **Credits: 3**
- EDSP 3660 - Practicum Inclusive - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDSP 4730 - Residency I: Elem Ed - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDSP 4740 - Res II: Elem Ed - Spec Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all First time Full time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Elementary Education, Certification in Grades 1-5, B.S.

Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621).

Requirements

A grade below "C" will not be accepted for candidates seeking Elementary certification.

The curriculum in Elementary Education has five components:

- general education,
- focus area,
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Student Learning Outcomes

- Demonstrate content knowledge in Elementary Education
- Demonstrate appropriate dispositions to be an effective elementary teacher.
- Demonstrate ability to design, implement and evaluate effective elementary curriculum and instruction.

General Education Requirements

1

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- Elective **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

Total Credit Hours: 33

Course Requirements for Major

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Studies - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDCI 4425 - Matrl Meth Teach Eng Sec Lang - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4911 - Residency I: Elementary Educ - **Credits: 6**
- EDUC 4912 - Residency II: Elementary Ed - **Credits: 9**

Total Credit Hours: 48

Total Credit Hours Required: 120

- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable for a degree in Elementary Education.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" in all courses

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Social Science **Credits: 3**²
- Arts **Credits: 3**²
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- Social Science **Credits: 3**²
- Elective **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410
- EDLS 3100 - Children's Literature - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Studies - **Credits: 3**
- EDCI 4425 - Matrl Meth Teach Eng Sec Lang - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4911 - Residency I: Elementary Educ - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4912 - Residency II: Elementary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all First time Full time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Engineering and Applied Science, Civil & Environmental Concentration, Ph.D.

Engineering and Applied Science, Electrical Engineering Concentration, Ph.D.

Engineering and Applied Science, Engineering Management Concentration, Ph.D.

Engineering and Applied Science, Mechanical Engineering Concentration, Ph.D.

Engineering and Applied Science, Naval Architecture & Marine Engineering Concentration, Ph.D.

Engineering and Applied Science, Ph.D.

The Doctor of Philosophy in Engineering and Applied Science is an interdisciplinary, integrative degree involving faculty from the College of Engineering and the College of Sciences. The program is designed for those engineers who will extend the frontiers of engineering. The graduate will have knowledge that is both broad in fundamentals as well as strongly focused in the area of his/her research. Research is the centerpiece of a Ph.D. program. It is expected that the graduate's research will substantially expand the knowledge of the engineering profession.

Student Learning Outcomes

- Students are expected to exhibit a graduate-level understanding of basic theoretical views and computational/experimental methods in engineering and applied sciences, as well as advanced expertise within their chosen specialty.
- Students are expected to demonstrate the ability to conduct an independent research program. This may involve designing and running experiments or conducting computational analyses, analyzing and interpreting data, and presenting the findings in writing in the context of the existing literature in the field.
- Students will be able to appraise, analyze and assess advanced topics in their specific discipline via oral communication.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

admission to the doctoral program is based on reasonable evidence that the applicant will prove capable of scholarly research on a broad intellectual foundation. All students enrolling in the program must have a Master's degree from an accredited college or university in engineering, physics, mathematics, earth and environmental sciences, computer science, or a closely related field, or be willing to complete coursework required in an existing Master's program in one of the participating departments at UNO while pursuing the Ph.D. Admission decisions will be based primarily on grade-point average, Graduate Record Examination scores, and letters of recommendation.

Degree Requirements

81 graduate credit hours are required in total for the Ph. D. program in Engineering & Applied Science, of which 30 hours in dissertation research are required and a minimum of 51 semester credit hours of graduate course work in an approved program beyond the Bachelor's degree. Up to 30 graduate credit hours from a Master's degree program, if the area of the Master's degree is relevant to the concentration, may be applied towards the satisfaction of credit hours for the Ph.D. Students may choose a concentration from Civil and Environmental Engineering, Electrical Engineering, Engineering Management, Mechanical Engineering, Naval Architecture and Marine Engineering, Computer Science, Earth and Environmental Sciences, Mathematics, or Physics. Program qualification, in the form of a Qualifying Examination, is administered by the department of the major professor(s). It is based on material in a typical departmentalized master's degree program, or equivalent. A doctoral dissertation based on the results of original research under the guidance of a faculty committee and defended in a public examination is required for the completion of the doctoral program. The student's dissertation advisory committee will consist of at least five members, of which no more than three can be from the major department, and one must be from the other college. Courses are chosen with the consent of the dissertation advisory committee. The committee shall consider the interdisciplinary nature of the program when it approves the courses. A minimum of nine credits (three courses) must be taken in each college. A General (comprehensive) Examination will be administered by the dissertation advisory committee. The examination will be based on material in the student's program of study. After passing the General Examination the Ph.D. student is expected to write a dissertation prospectus and defend it before the dissertation advisory committee. After a successful defense and committee approval of the prospectus, the student may pursue research leading to the dissertation. The dissertation should reflect the interdisciplinary nature of the program. There must

be a final public defense of the dissertation administered by the dissertation advisory committee.

Financial Aid

Teaching and research assistantships are available to qualified graduate students on a competitive basis.

Concentration Requirements

Students may choose a concentration from:

- Civil and Environmental Engineering
- Electrical Engineering
- Engineering Management
- Mechanical Engineering
- Naval Architecture and Marine Engineering
- Earth and Environmental Sciences
- Mathematics or
- Physics.

Engineering and Applied Science, Ph.D.

The Doctor of Philosophy in Engineering and Applied Science is an interdisciplinary, integrative degree involving faculty from the College of Engineering and the College of Sciences. The program is particularly suited to the emerging trends in the scientific and engineering communities.

Student Learning Outcomes

- Students are expected to exhibit a graduate-level understanding of basic theoretical views and computational/experimental methods in engineering and applied sciences, as well as advanced expertise within their chosen specialty.
- Students are expected to demonstrate the ability to conduct an independent research program. This may involve designing and running experiments or conducting computational analyses, analyzing and interpreting data, and presenting the findings in writing in the context of the existing literature in the field.
- Students will be able to appraise, analyze and assess advanced topics in their specific discipline via oral communication.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, admission to the doctoral program is based on reasonable evidence that the applicant will prove capable of scholarly research on a broad intellectual foundation. All students enrolling in the program must have a Master's degree from an accredited college or university in engineering, physics, mathematics, earth and environmental sciences, computer science, or a closely related field, or be willing to complete coursework required in an existing Master's program in one of the participating departments at UNO while pursuing the Doctor of Philosophy. Admission decisions will be based primarily on grade-point average, Graduate Record Examination scores, and letters of recommendation.

Degree Requirements

81 graduate credit hours are required in total for the Ph. D. program in Engineering & Applied Science, of which 30 hours in dissertation research are required and a minimum of 51 semester credit hours of graduate course work in an approved program beyond the Bachelor's degree. Up to 30 graduate credit hours from a Master's degree program, if the area of the Master's degree is relevant to the concentration, may be applied towards the satisfaction of credit hours for the Ph.D. A doctoral dissertation based on the results of original research under the guidance of a faculty committee and defended in a public examination is required for the completion of the doctoral program. Students may choose a concentration from Civil and Environmental Engineering, Electrical Engineering, Engineering Management, Mechanical Engineering, Naval Architecture and Marine Engineering, Computer Science, Earth and Environmental Sciences, Mathematics, or Physics.

The student's dissertation advisory committee will consist of at least five members, of which no more than three can be from the major department, and one must be from the other college. Program qualification, in the form of a Qualifying Examination, is administered by the department of the major professor(s). It is based on material in a typical departmentalized master's degree program, or equivalent. Courses are chosen with the consent of the dissertation advisory committee. The committee shall consider the interdisciplinary nature of the program when it approves the courses. A minimum of nine credits (three courses) must be taken in each college. A General (comprehensive) Examination will be administered by the dissertation advisory committee. The examination will be based on material in the student's program of study. After passing the General Examination, the Ph.D. student is expected to write a dissertation prospectus and defend it before the dissertation advisory committee. After a successful defense and committee approval of the prospectus, the student may pursue research leading to the dissertation. The dissertation should reflect the interdisciplinary nature of the program. There must be a final public defense of the dissertation administered by the dissertation advisory committee.

Financial Aid

Teaching and research assistantships are available to qualified graduate students on a competitive basis

Concentration Requirements

Students may choose a concentration from:

- Civil and Environmental Engineering
- Electrical Engineering
- Engineering Management
- Mechanical Engineering
- Naval Architecture and Marine Engineering
- Earth and Environmental Sciences
- Mathematics or
- Physics.

Engineering Management, M.S.E.M.

The College of Engineering offers a Master of Science in Engineering Management degree. This program makes use of the expertise and resources of the faculty of both the College of Engineering and the College of Business Administration. This program is intended for engineers who wish to remain in their engineering area of expertise but desire to improve their managerial skills and their understanding of business practices.

Student Learning Outcomes

- Demonstrate advanced knowledge of engineering management methods for use in technology organizations.
- Apply knowledge of technical organizations at a strategic level, and the role and practices of the various business functions.
- Apply modern tools for effective engineering management.
- Demonstrate the ability to construct and perform an effective presentation related to capstone project.
- Perform advanced research in engineering management theory or practice.

Admission

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants to the master of science in engineering management program must possess a baccalaureate degree in engineering, mathematics, or an applied science. Applicants are expected to have an undergraduate GPA of at least 3.0. Applicants who have an undergraduate GPA between 2.5 and 3.0 may be considered for admission on a case-by-case basis.

Degree Requirements

The Master of Science in Engineering Management requires a total of 30 graduate credit hours completed in either a thesis or non-thesis option.

Non-Thesis Option

Completion of 30 credit hours including 18 credit hours of required core courses and three credit hours for a capstone course. The remaining 9 credit hours must be selected from approved electives.

Thesis Option

Completion of 30 credit hours including six credit hours of thesis research, and 18 credit hours of required core courses. The remaining six credit hours must be selected from approved electives.

Optional Concentration

Students may select a concentration in Systems Innovation Engineering. Students pursuing the Systems Innovation Engineering concentration are required to take MANG 5750 as well as three elective courses chosen from systems-based, domain specific courses in either Engineering, Computer Science, or Business.

Engineering, M.S.E.

Student Learning Outcomes

- For a chosen problem, develop and specify appropriate physical or system models.
- Specify or design an experiment to meet a need, conduct the experiment, analyze and explain the resulting data.
- Identify, formulate, and solve complex engineering problems (physical or system. models) by selecting and applying appropriate mathematical/computational tools and techniques.
- Synthesize advanced technical knowledge in a traditional or emerging area of:

Civil and Environment Engineering
Electrical Engineering
Mechanical Engineering
Naval Architecture and Marine Engineering

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants seeking admission to a graduate program in engineering must have received a bachelor's degree in a field of engineering from an ABET-accredited engineering or closely related program or, in the case of foreign students, must present evidence of an equivalent preparation.

Furthermore, all students must complete all requirements for the graduate courses in which they wish to enroll, and must meet any additional general requirements as stipulated by the Graduate School and the College of Engineering.

Applicants without an Undergraduate Degree in Engineering

Applicants with Bachelor of Science degrees in mathematics, the sciences, or other undergraduate degrees will be considered on a case-by-case basis. Such students must complete a core program specific to each department including any prerequisite for each or pass the equivalent credit examinations with a grade of "B" or better. Such students would be best advised by the particular department in which they seek to enroll.

Degree Requirements

After admission, students are required to select an area of concentration. A choice is provided between a thesis option, calling for 30 hours of graduate credit, of which six hours are thesis research; and a non-thesis option, requiring 30 hours of graduate credit, including three hours of a Master's project (ENEE 6095 or ENME 6095 or ENCE 6095 or NAME 6093).

Both options require that at least 15 course credit hours be at the 6000-level. Up to 6 credit hours may be taken, upon advice of the student's advisor, in related subjects outside of the College of Engineering.

Concentrations

Concentrations are offered in the following areas:

- Civil/Environmental Engineering
- Electrical Engineering
- Mechanical Engineering
- Naval Architecture and Marine Engineering

English Minor

Minor Requirements

Eighteen hours in English tailored to the needs of the student as approved by the Coordinator of Undergraduate English:

- Six hours of English department literature courses numbered 2000 or above.
- Twelve additional hours of English or Journalism courses numbered 2000 or above, nine of which must be at the 3000- or 4000-level.
- A minimum grade of C in each course taken for the Minor.

English, Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

English, B.A.

Student Learning Outcomes

- Students will develop a broad knowledge of British and American literary history with an understanding of the relations between texts and their literary trends and historical contexts.
- Students will learn how to find and integrate appropriate and credible sources into their written assignments.
- Students will be able to produce essays with a specific thesis based on analysis and research, effective use of support for the thesis, a clear plan of organization, and clear and correct writing.
- Students will be able to analyze poetry, fiction, drama, and nonfiction with an understanding of the elements of each genre.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
equal to or greater than:
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra **Credits: 3**
OR
equal to or greater than
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**²

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL 2071 - Afro-American Literature I - **Credits: 3**
OR
- ENGL 2072 - Afro-American Literature II - **Credits: 3**
OR
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**
OR
- ENGL 2091 - Spec Studies in Lit Diversity - **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Social Sciences Elective 2000+ **Credits: 6**
- Electives outside of ENGL and JOUR 3000+ **Credits: 6**
- Electives **Credits: 21-24**

- FORL 2001 **Credits: 3**

OR

- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- History **Credits: 6**

Total Credit Hours: 45

Course Requirements for Major

- ENGL 2258 - Interpreting Literature - **Credits: 3**⁷
- ENGL 3381 - Intro to Contemporary Theory - **Credits: 3**
- AND
- ENGL 3382 - Methods in Research & Writing - **Credits: 3**

3 of the following 4 survey courses: Credits: 9

- ENGL 2341 - Survey British Literature I - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**

Upper-level open English elective option

6 additional English, journalism, or related courses (18 credits), at least 5 of which must be at the 3000-4000 level. Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 18**

(Students may choose one of the concentrations below in lieu of the Upper-level open English elective option.)

Total Credit Hours: 36

Journalism and Professional Writing Concentration

(Concentration in lieu of Upper-level open English elective option.)

- JOUR 2700 - Introduction to Journalism - **Credits: 3**
- OR
- ENGL 2155 - Intro to Professional Writing - **Credits: 3**
- **4000-level English Writing or Journalism Credits: 9**
- **3000-4000 level English Electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Creative Writing Concentration

(Concentration in lieu of Upper-level open English elective option.)

- ENGL 2154 - Intro Creative Writing Nonfic - Credits: 3
OR
- ENGL 2160 - Intro Creative Writing - Credits: 3
OR
- ENGL 2161 - Introduction to Writing Fict - Credits: 3
OR
- ENGL 2163 - Intro to Creative Writ Poetry - Credits: 3
OR
- ENGL 2200 - Introduction to Playwriting - Credits: 3

- ENGL 4154 - Adv Creative Nonfic Writing - Credits: 3
OR
- ENGL 4161 - Advanced Fiction Writing - Credits: 3
OR
- ENGL 4163 - Advanced Poetry Writing - Credits: 3
OR
- ENGL 4200 - Advanced Playwriting - Credits: 3⁶

- **4000-level literature elective Credits: 3¹¹**
- **3000-4000 level English electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Literary Studies Concentration

(Upper-level concentration in lieu of open English elective option.)

The 4th survey course (3 credits) not taken for the major core requirements. The survey courses are:

- ENGL 2031 - Surv Am Lit before Civil War - Credits: 3
OR
- ENGL 2032 - Surv of Am Lit after Civil War - Credits: 3
OR
- ENGL 2341 - Survey British Literature I - Credits: 3
OR
- ENGL 2342 - Survey British Literature II - Credits: 3

- **3000 - 4000 - level American literature Credits: 3⁸**
- **3000 - 4000 - level pre-1660 British literature Credits: 3⁹**
- **3000 - 4000 - Level post-1660 British literature Credits: 3¹⁰**
- **3000-4000 level English Electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm courses fulfilling this requirement
- Must complete nine credit hours in one language or twelve credit hours in two languages (six credit hours in two languages).
- Students may take workshops in the same or different genre, 2 at 4000 level.
- Satisfies College requirement of oral competency.
- American Literature: ENGL 4030, ENGL 4031, ENGL 4032, ENGL 4033, ENGL 4034, ENGL 4043, ENGL 4045, ENGL 4091, ENGL 4092, or ENGL 4391

- British Literature before 1660: ENGL 4401 ,ENGL 4421, ENGL 4501, ENGL 4516, ENGL 4521, ENGL 4522, ENGL 4601, ENGL 4616, ENGL 4621, or approved ENGL 4391
- British Literature after 1660: ENGL 4701, ENGL 4702, ENGL 4715, ENGL 4716, ENGL 4801, ENGL 4802, ENGL 4807, ENGL 4808, ENGL 4815, or approved ENGL 4391
- For Nonfiction, these courses can fulfill this requirement: ENGL 4918, ENGL 4030, ENGL 4031, ENGL 4701, ENGL 4702, ENGL 4807, ENGL 4808. For Fiction: ENGL 4715, ENGL 4815, ENGL 4915, ENGL 4917, ENGL 4031, ENGL 4032, ENGL 4033, ENGL 4034, ENGL 4043, ENGL 4045. For Poetry: ENGL 4401, ENGL 4421, ENGL 4521, ENGL 4522, ENGL 4601, ENGL 4621, ENGL 4701, ENGL 4702, ENGL 4801, ENGL 4802, ENGL 4807, ENGL 4808, ENGL 4913, ENGL 4914. Approved Special Topics courses (ENGL 4091, ENGL 4092, ENGL 4093, and ENGL 4391) may also fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- FORL 1001 **Credits: 3**
- Social Science **Credits: 3**
- Science (BIOS) **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3**
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher
- FORL 1002 **Credits: 3**
- Social Science **Credits: 3**
- Science (BIOS or Physical Science) **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL 2258 - Interpreting Literature - **Credits: 3**

- ENGL 2071 - Afro-American Literature I - **Credits: 3**
OR
- ENGL 2072 - Afro-American Literature II - **Credits: 3**
OR
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**
OR
- ENGL 2091 - Spec Studies in Lit Diversity - **Credits: 3**

- FORL 2001 **Credits: 3**
- Social Science (2000 level) **Credits: 3**
- Science (BIOS or Physical Science) **Credits: 3**

Total Credit Hours: 15

Second Term

- Social Science (2000 level) **Credits: 3**
- Arts **Credits: 3**
- Humanities (History) **Credits: 3**
- Elective (Outside English, 3000+) **Credits: 3**

2 of the following:

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR
- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR
- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 3381 - Intro to Contemporary Theory - **Credits: 3**
- ENGL 3/4XXX **Credits: 3**
- Humanities (History) **Credits: 3**
- Elective (Outside English, 3000+) **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 3382 - Methods in Research & Writing - **Credits: 3**
- ENGL 2/3/4XXX (elective or concentration) **Credits: 3**
- ENGL 2/3/4XXX (elective or concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- ENGL 3/4XXX (Elective or Concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 4XXX (Elective or Concentration) **Credits: 3**
- ENGL 3/4XXX (Elective or Concentration) **Credits: 3**
- Elective **Credits: 3**

- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.

English, M.A.

Program Overview:

The Master of Arts program in English is designed to develop the student's knowledge of literature and language and skill in literary research and criticism. The program provides training for teachers of English in secondary schools and colleges, as well as prepares students for further graduate study in the humanities, careers in professional writing, and other nonacademic professions.

Student Learning Outcomes

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

- Research/Writing/Analytical Skills
- Find relevant research materials, evaluate scholarly arguments, and contribute to scholarly conversations.
- Master the techniques and conventions of scholarly and/or professional writing.
- Acquire the critical and analytical skills appropriate to the contextualization and interpretation of diverse texts.
- Demonstrate a command of written English, including how to a) organize and present material in a cogent fashion, b) formulate and develop cohesive arguments, and c) employ Students will develop mastery of the field of English studies, including knowledge of the principles of writing and argument; of the principles of criticism and/or theory; and of the substance and detail of many primary literary works in both British and American literature.
- Body of Knowledge
- Acquire a broad historical understanding of the analytical approaches, theoretical debates, and research methodologies relevant to their chosen concentration.
- Demonstrate familiarity with related fields outside of their chosen concentration-i.e., a well-rounded and up-to-date understanding of the study of literature, rhetoric, and writing as a whole.
- Professional Preparation
- Acquire a basic understanding of the professional opportunities afforded by the M.A. degree-including teaching, editing, publishing, and writing, and/or further graduate study.
- Acquire competence in the professional skills and practices necessary to pursue a career in one or more of these fields.

Admission

Admission is based on undergraduate GPA, and graduate GPA (if applicable), a writing sample, and a statement of purpose. Applications are accepted at any time; students may enroll in any semester.

Degree Requirements

The Master of Arts in English Program is available as either an onsite or fully online program. The program requires a total of 33 credit hours: 12 hours in core course, 9 hours in a concentration and 12 hours of electives. A minimum of 18 hours must be earned in English courses numbered 6000 and above. One three-hour ENGL 6397 - Directed Study may be counted toward fulfillment of this minimum requirement. For those students who choose to write a thesis, three hours of ENGL 7000 - Thesis Research will count toward the 18-hour requirement. The core courses are ENGL 6280; one course in British Literature numbered 5000 or above; one course in American Literature 5000 or above; one course in writing or rhetoric numbered 5000 or above.

All students admitted to the graduate program will be referred to the Coordinator of Graduate Studies in English, who will guide each student in selecting and following a sound program of study suited to his or her needs and level of preparation. This program may, in individual cases, involve more coursework than is specified in the general requirements for the degree.

All students must complete a portfolio, which can be completed in the student's final semester or after coursework is complete. Students should consult with the Graduate Coordinator when they are advised for registration to discuss what shape their portfolio should take.

Entrepreneurship Minor

Students wishing to minor in entrepreneurship may do so by completing 18 credit hours in entrepreneurship. The student must take

Minor Requirements

- BA 4056 - Business Planning - **Credits: 3**
- FIN 3301 - Small Business Finance - **Credits: 3**

And four additional entrepreneurship courses to be chosen from:

- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
- BA 3056
- BA 3090 - Internship in Entrepreneurship - **Credits: 3**
- BA 3091 - Indep Study Entrepreneurship - **Credits: 3**
- BA 4076
- MANG 3070 - Managing the Family Business - **Credits: 3**
- MANG 3071 - Franchise Management - **Credits: 3**
- FIN 4222

Note:

A grade of C or better must be received in each course.

European Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in European Studies. The purpose of this Minor is to acquaint the student with historical and current knowledge of the European region, peoples, societies, economies, and cultures. The Minor signifies students have a basic and general understanding of this part of the world.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of courses in French, Italian, Spanish, German, Russian, or other relevant languages through 2002 or its equivalent.
- Completion of six credit hours in one of two core curricula:
- Core I: Social Sciences (ANTH 2052; GEOG 3190, Geography of Western Europe; HIST 1001, HIST 1002; POLI 2600).
- Core II: Arts and Letters (ENGL 2371, ENGL 2372; FA 2201, FA 2202; MUS 2201, MUS 2202; PHIL 2311, PHIL 2312).
- Credit courses in European Studies to be approved by the Coordinator, for a total of 12 credit hours with a minimum 2.0 grade-point average, to include at least six credit hours at the 3000 level or above. These 12 credit hours must be chosen from a minimum of three disciplines and must cover different time periods. Courses on Europe in the Major field that are counted as credits for that major may not also be counted toward this Minor.
- A minimum 2.0 grade-point average must be attained in all courses in the Minor program.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Film & Theatre Screenwriting Minor

The purpose of this Minor is to acquaint the student with current and historical practices in screenwriting for film, television and new media in a variety of lengths and genres, as well as to provide instruction and critique during the completion of creative work.

Interested students should contact the Film Program in the School of the Arts.

The requirements of the minor are as follows:

1. Completion of the requirements of a degree in one of the colleges at UNO.
2. Completion of 18 credit hours in the FTA department:

Minor Requirements

- FTA 2250 - Intro. to Screenwriting - **Credits: 3**
- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2330 - Acting II Intermediate - **Credits: 3**
- FTA 4251 - Advanced Screenwriting - **Credits: 3**
FTA 4251 is taken three times for a total of **9 Credits**.

Film and Theatre Minor

Minor Requirements

A Minimum of 14 Credit Hours

A minimum of 14 credit hours with a grade of C or better in the following courses:

- FTA 1005 - Intro to Theatre Arts - **Credits: 3**
- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1** and/or (1-2)
- FTA 4400 - Development of Theatre - **Credits: 3**
- FTA 4540 - History of Cinema I - **Credits: 3**

An Additional Six Hours

An additional six hours selected from Film and Theatre Arts courses numbered 2000 or above.

Film and Theatre, Film Arts, B.A.

Student Learning Outcomes

- Film Arts students should have a fundamental knowledge of film production.
- Film Arts students must have a fundamental understanding of film aesthetics and theory.
- Provide exceptional Film Arts students with assistance and encouragement to pursue opportunities for advanced degrees and/or professional careers.
- Department will maintain a high level of satisfaction with the overall Film Arts program.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Social Science **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 16-19**
- FORL 2001 **Credits: 3**
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 37

Course Requirements for Major

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2510 - Beginning Film Prod - **Credits: 3**
- FTA 1665 - Beginning Film Postproduction - **Credits: 3**
- FTA Electives **Credits: 20**⁸

Choose 6 Hours

- FTA 4540 - History of Cinema I - **Credits: 3**
- FTA 4541 - History of Cinema II - **Credits: 3**
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
- FTA 4591 - Film Styles & Genres - **Credits: 3**

Choose 6 Hours

- FTA 1300 - Acting I-Beginning - **Credits: 3**⁶
- FTA 3460 - Intro Documentary - **Credits: 3**
- FTA 3510 - Intermediate Film Production - **Credits: 3**⁷
- FTA 3520 - Intern Film Post Production - **Credits: 3**
- FTA 4566 - Sound I - **Credits: 3**
- FTA 4580 - Film Directing - **Credits: 3**⁶
- FTA 4600 - Producing - **Credits: 3**

Total Credit Hours: 44

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must complete nine credit hours in one language or six credit hours in two languages
- Fulfills oral competency
- Must take concurrently with FTCA 3511
- Select from FTA 2250, FTA 2260, FTA 2270, FTA 2320 (fulfills oral competency), 2335, 2800 (1 hr.), FTA 3460, FTA 3510, FTA 3511 (1 hr.), FTA 3520, FTA 3800 (1 hr.), FTA 4096, FTA 4251, FTA 4333, FTA 4460, FTA 4500, FTA 4530, FTA 4550, FTA 4551 (1 hr.), FTA 4555, FTA 4565, FTA 4566, FTA 4567, FTA 4568, FTA 4570, FTA 4575, FTA 4580, FTA 4591, FTA 4600, FTA 4900 (13 hours must be taken at the 3000-level or higher)

Four Year Plan of Study

First Year of Enrollment

First Term

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 1665 - Beginning Film Postproduction - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science 1XXX **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2510 - Beginning Film Prod - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

- MATH 1116 **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FTA 1300 - Acting I-Beginning - **Credits: 3**
OR
- FTA 3460 - Intro Documentary - **Credits: 3**
OR
- FTA 3510 - Intermediate Film Production - **Credits: 3**
OR
- FTA 3520 - Interm Film Post Production - **Credits: 3**
OR
- FTA 4566 - Sound I - **Credits: 3**
OR
- FTA 4580 - Film Directing - **Credits: 3**
OR
- FTA 4600 - Producing - **Credits: 3**

- FTA Elective **Credits: 3**
- Foreign Language 1001 **Credits: 3**
- ENGL Lit Elective **Credits: 3**
- Social Science 1XXX **Credits: 3**

Total Credit Hours: 15

Second Term

- FTA 1300 - Acting I-Beginning - **Credits: 3**
OR
- FTA 3460 - Intro Documentary - **Credits: 3**
OR
- FTA 3510 - Intermediate Film Production - **Credits: 3**
OR
- FTA 3520 - Interm Film Post Production - **Credits: 3**
OR
- FTA 4566 - Sound I - **Credits: 3**
OR
- FTA 4580 - Film Directing - **Credits: 3**
OR
- FTA 4600 - Producing - **Credits: 3**

- FTA Electives **Credits: 3**
- Foreign Language 1002 **Credits: 3**
- ENGL Lit Elective **Credits: 3**
- Social Science 2XXX **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FTA 4540 - History of Cinema I - **Credits: 3**
OR
- FTA 4541 - History of Cinema II - **Credits: 3**
OR
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
OR
- FTA 4591 - Film Styles & Genres - **Credits: 3**

- General Electives (or FTA) **Credits: 3**
- Foreign Language 2001 **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- Social Science 2XXX **Credits: 3**

Total Credit Hours: 15

Second Term

- FTA 4540 - History of Cinema I - **Credits: 3**
OR
- FTA 4541 - History of Cinema II - **Credits: 3**
OR
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
OR
- FTA 4591 - Film Styles & Genres - **Credits: 3**

- FTA Electives **Credits: 6**
- BIOS or other Physical Science **Credits: 3**
- Arts Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Non-FTA Electives 3000+ **Credits: 3**
- FTA Electives **Credits: 5**
- General Electives (or FTA) **Credits: 7**

Total Credit Hours: 15

Second Term

- Non-FTA Electives 3000+ **Credits: 3**
- FTA Electives **Credits: 3**
- General Electives (or FTA) **Credits: 9**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Film and Theatre, M.F.A.: Film Arts - Production concentration

Program Overview

Students may elect to concentrate in Film Arts---Production, Theatre Arts---Performance, or Design. The Department is accredited by the National Association of Schools of Theatre. Master of Fine Arts programs in Theatre Arts reflect NAST's highest standards. The Master of Fine Arts is a terminal degree for students interested in pursuing careers in film production and theatre arts. Areas of specialization within the concentrations include filmmaking, acting, directing, and design.

Student Learning Outcomes

- students will demonstrate techniques within the discipline.
- students will be able to apply theory in written and oral form.
- students will be able to apply knowledge of their specialty within the discipline.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

an applicant is accepted for graduate work in film and theatre arts upon recommendation of the graduate committee based upon a bachelor's degree in film or theatre arts or clearly demonstrated skills and creative ability in their field. Applicants should submit least three letters of recommendation and evidence of their ability in the proposed area of specialization. Auditions, prompt books, portfolios, manuscripts, video tapes, films, and other appropriate presentations are to be submitted to the department when application for admission is completed.

In addition to the requirements of the Graduate School, the following must be met:

- Satisfactory completion of at least 60 hours of Film and Theatre Arts courses. With written permission of the department, the candidate may take up to six hours in a field outside the department.
- At the completion of 18 or more hours of course work the student will be evaluated by the graduate committee. If the first year review demonstrates sufficient progress, the student will be invited to continue in the program.
- A grade-point average of 3.0 or better is required in all course work.
- Normally students must be in residence at least two semesters taking a full load of at least nine hours each semester. Summer sessions may not apply. Under special circumstances this residency requirement may be waived by the department. Upon completion of one-half of the student's required work, his or her major professor will be designated by the department. Ordinarily this professor will serve as chairman of both the examining committee and the publicly presented creative thesis project.

MFA Core Degree Requirements

- FTA 6020 - Form & Idea in Media - **Credits: 3**
- FTA 6040 - Performance and Direction - **Credits: 3**
- FTA 6060 - Concept, Conflict & Character - **Credits: 3**
- FTA 6910 - Studio I - **Credits: 3**
- FTA 6911 - Studio II - **Credits: 3**
- FTA 6912 - Studio III - **Credits: 3**
- FTA 6005 - Graduate Studies Orientation - **Credits: 0**

Comprehensive Examination

Normally students may take the Comprehensive Examination no sooner than the term in which they have completed 36 hours of graduate credit. This examination will be both written and oral. At least three members of the graduate faculty, one of whom may be from a department other than Film and Theatre, appointed by the Graduate School, will administer the examination. Part of the examination will be devoted to questions based on the reading list and course work, and the remainder will be devoted to questions relating to the student's individual area of specialization.

Publicly Presented Creative Thesis Project

The thesis project will be prepared under the supervision of a committee appointed by the Graduate School. This committee will ordinarily consist of three members of the graduate faculty of the department. After successful completion of the comprehensive examination, the candidate will submit a written prospectus for a publicly presented thesis project. The research and execution of this project will normally take nine studio hours. The Master of Fine Arts thesis project is designed to test the student's skill and knowledge in his or her area of specialization. The project is subject to the graduate committee's approval.

Students who have earned graduate credits in film, theatre, video, or its equivalent from other institutions may apply for admission into the Master of Fine Arts program. However, the maximum allowable transfer credit must conform to the Graduate School's policy on extension and transfer credit. Transfer credit is subject to the graduate coordinator's recommendation and approval by the Graduate School.

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Film and Theatre, Theatre Arts, B.A.

Student Learning Outcomes

- Theatre Arts option students will have a basic skill level in technical areas of theatre.
- Theatre Arts students will have a basic understanding of Visual Design.
- Theatre Arts option students will have a basic understanding of theatre literature.
- Theatre Arts option students will have a basic understanding of theatre performance.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FTA 1005 - Intro to Theatre Arts - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- Social Science **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 16-19**
- FORL 2001 **Credits: 3**
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 37

Course Requirements for Major

- FTA 1100 - Methods & Matrils of Stagecraft - **Credits: 3**
- FTA 1110 - Basic Visual Design - **Credits: 3**
- FTA 1300 - Acting I-Beginning - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

- FTA 2100 - Intro to Lighting Design - **Credits: 3**
OR
- FTA 2110 - Introduction to Scenic Design - **Credits: 3**
OR
- FTA 2160 - Costume Crafts & Techniques - **Credits: 3**
OR
- FTA 2950 - Stage Management Theatre - **Credits: 3**⁶

- FTA 2320 - Script Analysis - **Credits: 3**
- FTA 4400 - Development of Theatre - **Credits: 3**

- FTA 4450 - Modern Theatre - **Credits: 3**
OR
- FTA 4455 - Contemporary Theatre - **Credits: 3**

- FTA Electives **Credits: 20**

Total Credit Hours: 44

Total Credit Hours Required: 120

- "C" or better required.
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must complete nine credit hours in one language or six credit hours in two languages.
- Fulfills oral competency requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS **Credits: 3**
- Social Science 1XXX **Credits: 3**
- FTA 1005 - Intro to Theatre Arts - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- FTA 1100 - Methods & Matrls of Stagecraft - **Credits: 3**
- FTA 1110 - Basic Visual Design - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Foreign Language 1001 **Credits: 3**
- Social Science 1XXX **Credits: 3**
- Arts **Credits: 3**
- FTA 1300 - Acting I-Beginning - **Credits: 3**
- FTA 2100 - Intro to Lighting Design - **Credits: 3**
OR
- FTA 2110 - Introduction to Scenic Design - **Credits: 3**
OR
- FTA 2160 - Costume Crafts & Techniques - **Credits: 3**
OR
- FTA 2950 - Stage Management Theatre - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

Total Credit Hours: 16

Second Term

- Foreign Language 1002 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- ENGL (Literature) **Credits: 2**
- FTA 1800 - Theatre Practicum I - **Credits: 1**
- FTA 2320 - Script Analysis - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Foreign Language 2001 **Credits: 3**

- Social Science 2000+ **Credits: 3**
- Non FTA Elective 3000+ **Credits: 3**
- FTA Elective **Credits: 3**

- FTA 4450 - Modern Theatre - **Credits: 3**
OR
- FTA 4455 - Contemporary Theatre - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

Total Credit Hours: 16

Second Term

- Non FTA Elective 3000+ **Credits: 3**
- General Electives **Credits: 3**
- General Electives **Credits: 3**
- FTA Elective **Credits: 3**
- FTA 4400 - Development of Theatre - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FTA Electives **Credits: 6**
- General Electives **Credits: 9**

Total Credit Hours: 15

Second Term

- FTA Elective **Credits: 9**
- General Electives **Credits: 2**

Total Credit Hours: 11

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Finance Minor

Students wishing to minor in Finance may do so by completing the following required courses and electives with a grade of C or better in each course:

Minor Requirements

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- plus nine hours of Finance electives - one of the electives must be at the 4000 level.

Finance, Accelerated Masters (BS & MS)

General Education

For the undergraduate Bachelor of Science degree. Unless the course requirement is specified, please refer to the General Education menu for approved courses. GENERAL EDUCATION COURSE MENU

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3** - C grade or better required.
OR
- ENGL 1159 - English Composition Honors - **Credits: 3** - C grade or better required.

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS Elective - **Credits: 3**
- Other Physical Science - **Credits: 3**
- BIOS or same as Physical Science - **Credits: 3**

Humanities

- English Literature Elective - **Credits: 3**
- Humanities Electives - **Credits: 6**

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective - **Credits: 3**

Arts

- Arts Elective - **Credits: 3**

Other Requirements

For the undergraduate Bachelor of Science.

- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3** - C grade or better required.
- ACCT 3121 - Intermediate Accounting I - **Credits: 3** - C grade or better required.
- ACCT 3122 - Intermediate Accounting II - **Credits: 3** - C grade or better required.
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- Business Electives - **Credits: 6**
- Free Electives - **Credits: 11**

Major Requirements

For the undergraduate Bachelor of Science.

12 credits of the Graduate Requirements count toward both the BS Major Requirements and the

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**

- FIN 3302 - Investments - **Credits: 3**
- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**
- FIN 4304 - Finance Capstone - **Credits: 3**
- Finance Elective 3000/4000-level - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**

Graduate Requirements - BS/MS

Courses that count for both the Bachelor of Science and the Masters of Science.

- Finance 5000-level Electives **Credits: 9**
- FIN 5306 - International Finance - **Credits: 3**

Graduate Requirements - MS

Courses that count toward the Masters of Science degree.

- ACCT 6131 - Accounting in Health Care - **Credits: 3**
- BA 6780 - Survey Decision Making Tools - **Credits: 3**
- ECON 6200 - Managerial Economics - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- FIN 6303 - Financial Markets & Inst - **Credits: 3**

Finance, B.S.

Student Learning Outcomes

- Understand basic concepts in finance.
- Demonstrate the ability to solve problems in finance using basic and intermediate concepts.
- Demonstrate the ability to integrate and extend basic and intermediate finance concepts to solve advanced problems.
- Develop and present a cohesive oral presentation based on resolution of a business problem (Oral Communication).
- Develop a well-organized, written exposition of a business problem analysis and solution (Written Communication).
- Demonstrate the knowledge of core business concepts taught in Accounting, Finance, Management, Marketing, Economics, Quantitative Analysis, and Legal Environment courses (Business Knowledge).
- Demonstrate the effective use of workplace technology (Understanding Technology).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Elective **Credits: 11**
- Business Electives **Credits: 6**

Total Credit Hours: 51

Course Requirements for Major

- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**

- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**

- FIN 4304 - Finance Capstone - **Credits: 3**

- FIN Elective 3000 or higher **Credits: 9** (Students may elect to fulfill these 9 credits with a concentration.)
- FIN Elective 2000 or higher **Credits: 3**

Total Credit Hours: 30

Financial Analyst Concentration

- FIN 4306 - International Finance - **Credits: 3**

- FIN 4307 - Portfolio Analysis - **Credits: 3**
- FIN 4308 - Derivatives Analysis - **Credits: 3**

Financial Planning Concentration

- FIN 4307 - Portfolio Analysis - **Credits: 3**
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**

Total Credit Hours Required: 120

- "C" better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- ARTS **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- Humanities **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- Literature **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MANG 3402 - Operations and Systems Management - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- FIN Elective 2000+ **Credits: 3**
- Business Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- FIN 3303 - Financial Institutions - **Credits: 3**
- OR
- FIN 3321 - Bank Administration - **Credits: 3**
- Finance Elective 4000 level **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 4304 - Finance Capstone - **Credits: 3**
- FIN Electives 4000 level **Credits: 6**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Concentrations	Certificate/Issuing Body
Financial Planning	Certified Financial Planner (CFP®) - Certified Financial Planning Board Financial Analyst

Financial Analyst

Chartered Financial Analyst (CFA®) - CFA Institute

Finance, M.S.

Student Learning Outcomes

- All students should demonstrate core knowledge of Financial Economics
 - All students should demonstrate the ability to apply finance concepts to real world problems.
 - All students should demonstrate problem-solving skills.
- Prerequisites: Principles of Microeconomics, Financial Management, Accounting, and Statistics (ECON 1203, FIN 3300, ACCT 2100, QMBE 4400 or equivalent).

There will be two tracks in the program:

Professional Track Curriculum

Core Courses (21 hours):

- ACCT 6130 - Adv Acct Analy Decision Making - **Credits: 3**
 - ECON 6200 - Managerial Economics - **Credits: 3**
 - BA 6780 - Survey Decision Making Tools - **Credits: 3**
 - FIN 6300 - Financial Administration - **Credits: 3**
 - FIN 6302 - Investments - **Credits: 3**
 - FIN 6303 - Financial Markets & Inst - **Credits: 3**
- FIN 6309 **Credits: 3**
OR
 - FIN 5306 - International Finance - **Credits: 3**
Plus 9 hours of approved finance electives.

CFA Concentration:

The purpose of this concentration is to help prepare the student to take the Level One Chartered Financial Analyst Exam. The concentration consists of FIN 6307, Portfolio Theory, and FIN 5308 - Derivatives Analysis, plus one additional course to be approved by the program director.

Academic Track Curriculum

Core Courses (24 hours)

- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6203 - Financial Markets & Institutions **Credits: 3**
- FIN 6311 - Theory of Corporate Finance - **Credits: 3**
- FIN 6312 - Investment Theory - **Credits: 3**
- ECON 6203 - Microeconomic Theory - **Credits: 3**
- ECON 6204 - Macroeconomic Theory - **Credits: 3**
- QMBE 6280 - Math in Financial Economics - **Credits: 3**
- QMBE 6281 - Econometrics I - **Credits: 3**
Plus 6 hours of approved finance electives.

For both tracks

Comprehensive Examination: Every student must pass Master's exam in their last semester in the program.

This is a non-thesis degree program.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, successful applicants have an educational background in Business or a

related field, a 2.75 GPA for undergraduate coursework and average scores on the GRE or GMAT

Finance/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Finance and the Master of Business Administration degree.

Financial Economics, Ph.D.

The Department of Economics and Finance offers a Doctor of Philosophy degree in Financial Economics with specializations in International Financial Economics, Investments, Corporate Finance, Monetary Theory and Financial Institutions, and an interdisciplinary field. The curriculum is structured to promote competence both in theory and applications, in finance and economics.

Student Learning Outcomes

- All students should demonstrate core knowledge of Financial Economics.
- All students should demonstrate advanced knowledge of Financial Economics.
- All students should demonstrate the ability to perform original, independent research in Financial Economics.

Admission Requirements

All students enrolling in the program must have a bachelor's degree from an accredited college or university and, at a minimum, their undergraduate training should include principles of economics, intermediate microeconomic and macroeconomic theory, financial management, one year of statistics, and one semester of calculus. Admission decisions will be based primarily on undergraduate grade point average (GPA), Graduate Record Examination (GRE) or Graduate Management Admissions Test (GMAT) scores, and letters of recommendation. Preferred levels of performance will be a 3.0 GPA and 350 (combined scores for verbal and quantitative sections) GRE or 550 GMAT score. These levels will be viewed as general guidelines since particular strength in one set of credentials may be viewed as sufficient to offset a modest deficiency elsewhere.

Degree Requirements

The doctoral program in financial economics is divided into three stages: core preparation, advanced specialization, and dissertation. All graduate students must have approval of the graduate coordinator for the courses that they take.

Students may be allowed to start taking graduate courses before completing certain foundation courses. The intermediate economics courses may be taken concurrently with the graduate theory courses. Principles of Financial Management (Finance 3300), calculus, and statistics are prerequisites to all graduate courses in the program.

Prospective candidates for the Ph.D. degree in financial economics should be advised that mathematical modeling is used heavily in the field. Indeed, it is virtually impossible to read any current major journal (much less contribute one's own research to them) without considerable training in modeling methods. Those entering doctoral study without command of calculus will be judged deficient. More than one semester in calculus is recommended.

The successful completion of the Ph.D. program is carried out in three stages: core courses that culminate in a qualifying exam, two specialized fields with a corresponding general exam, and a dissertation and its oral defense. The Ph.D. candidate must demonstrate proficiency in mathematics or computer programming in a manner approved by the Graduate Coordinator. All students must complete a minimum of 60 credit hours in the program to graduate.

Fine Arts, Art History Option, B.A.

Student Learning Outcomes

- Students will demonstrate understanding and apply the broad methodologies of the study of the history of art: identification, description, formal analysis, comparison, interpretation.
- Students will demonstrate knowledge of the cultural issues, values, and perspectives that have informed artmaking in a variety of cultures and periods.
- Students will demonstrate critical research skills through a variety of writing assignments. Students will write an original argument that analyzes and interprets an aspect of art history, based on advanced research that integrates primary and secondary sources from the critical literature.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Sciences **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- ANTH 3220 - Arch of New Orleans - **Credits: 3**
or
- ANTH 3240 - Arch of African Diaspora - **Credits: 3**
- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- Social Sciences 2000+ **Credits: 6**
- ENGL Literature **Credits: 3**
- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**⁴
- General Electives **Credits: 21**⁴

Total Credit Hours: 39

Course Requirements for Major

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- FA Art History 3000+ Electives **Credits: 18**
- FA Art History 4000+ Electives **Credits: 3**

Total Credit Hours: 42

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check General Education Courses to confirm courses fulfilling this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement.
- Art History majors must complete 9 credit hours in one language or 6 credit hours in two languages. If completing 9 credits in one language, there will be 21 credits in free electives. Otherwise, there will be 18.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
or
- BIOS 1083 - Biology I - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- HIST 1002 - World History II - **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- Foreign Language - 1st Language Part 1 **Credits: 3**
- Gen Ed Math **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
- Gen Ed Social Science (1 of 2) **Credits: 3**
- Foreign Language - 1st Language, Part 2 **Credits: 3**
- Gen Ed Physical Science **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- Foreign Language, 1st language, part 3; or 2nd language, part 1² **Credits: 3**
- Gen Ed Literature 2000+ **Credits: 3**
- Gen Ed Biology or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Literature 2000+ **Credits: 3**
- Elective or Foreign Language 2nd language, part 2² **Credits: 3**

Total Credit Hours: 15

Second Term

- ANTH 3220 - Arch of New Orleans - **Credits: 3**
or
- ANTH 3240 - Arch of African Diaspora - **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Gen Ed Social Science (2 of 2) **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FA Art History 3000+ **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**³
- Electives **Credits: 6**

Total Credit Hours: 15

Second Term

- FA Art History 3000+ **Credits: 3**
- FA Art History 4000+ **Credits: 3**
- Electives **Credits: 9**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- Art History majors must complete 9 credit hours in one language or 6 credit hours in two languages. If completing 9 credits in one language, there will be 21 credits in free electives, otherwise there will be 18.
- Social Science must be completed over at least two different areas (Anthropology, Economics, Geography, Political Science, Psychology, Sociology, or Urban Studies) and six credits must be at the 2000 level or above. ANTH 2232 World Archaeology is highly recommended.

Fine Arts, Art History Option, Minor

Minor Requirements

A Minor in Fine Arts, Art History Option, requires the student take a total of 18 credit hours in Art History courses including the following:

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
or
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- Choose three classes: FA Art History at 3000-level and above - **Credits: 9**
A letter grade of "C" or better must be earned in each course. The courses may be taken as elective credits at any point in the undergraduate curriculum provided the student adheres to prerequisites and course-level restrictions listed in the Catalog.

Fine Arts, M.F.A.

Program Overview:

The Master of Fine Arts program in Fine Arts is designed to provide professional training leading to a terminal degree in studio arts.

Student Learning Outcomes

- Professional Mastery of production modes - Students will master the production modes of their chosen medium in the context of contemporary artmaking by engaging in an independent and in-depth studio art practice.
- Conceptual Development - Concerted investigation of content in relation to material processes, conceptual concerns and contextual relationships to the state of contemporary art.
- Professional development as a practicing artist - Produce and verbalize a unified body of artwork through the installation of a professional level exhibition and thesis paper.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants must submit a portfolio of studio work. After a student has applied to the Graduate School, the application, images of work and letters of recommendation will be evaluated by the Committee on Graduate Studies of the Department of Fine Arts. Applicants who are admitted to the Fine Arts program will be assigned a sponsor by the Graduate Admissions Committee. The sponsor is a member of the Fine Arts Graduate Faculty who agrees to accept the responsibility of guiding the student through the program and who regularly teaches or exhibits professionally in the student's major area.

Students who are deficient in certain areas may be admitted on a conditional basis. They must complete both the regular requirements and fulfill the conditions imposed by the Committee on Graduate Studies.

Degree Requirements

Primary Focus

Select one of the following as a **primary focus area** from the list below and then enroll in it four times for a total of 12 credits during your first four semesters. **Credits: 12**

- FA 6201 - Graduate Photography - **Credits: 3**
- FA 6202 - Graduate Digital Art - **Credits: 3**
- FA 6203 - Graduate Sculpture - **Credits: 3**
- FA 6204 - Graduate Painting - **Credits: 3**
- FA 6205 - Graduate Printmaking - **Credits: 3**

Secondary Focus

Select one of the following as a **secondary focus area** from the list below and enroll in it two times during your first four semester OR students may select six credits of 5000+ electives outside the department. **Credits: 6**

- FA 6201 - Graduate Photography - **Credits: 3**
- FA 6202 - Graduate Digital Art - **Credits: 3**
- FA 6203 - Graduate Sculpture - **Credits: 3**
- FA 6204 - Graduate Painting - **Credits: 3**
- FA 6205 - Graduate Printmaking - **Credits: 3**

Required Courses

During the students 4th semester in the program, the Master of Fine Arts student's eligibility for graduate candidacy will be determined by the Committee on Graduate Studies, who will arrange for an oral examination and review of the student's artwork. Once a student is approved for candidacy they may proceed to the preparation of the written thesis and exhibition.

- FA 6799 - Independent Studio Practice - **Credits: 3**
(Enroll in this class two times.)
- FA 6301 - Art Colloquium - **Credits: 3**
(Enroll in this class two times.)
- FA 6401 - Critique Group - **Credits: 3**
(Enroll in this class two times.)
- FA 6998 - Media Strategies - **Credits: 3**
- FA 6999 - Professional Development - **Credits: 3**
- FA 5000 and above Art History classes - **Credits: 6**
- FA 6900 - Exhibition Design and Management - **Credits: 3**
(Enroll in this class two times.)
- FA 7000 - Thesis Research - **Credits: 3**
(Enroll in this class two times.)

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Fine Arts, Studio Art Option, B.A.

Student Learning Outcomes

- Students will demonstrate an understanding of art studio practices as they relate to historical context, concepts, and theories in at least one of the studio disciplines offered as a concentration. (Painting, Sculpture, Printmaking, Digital and Photography).
- Students will demonstrate an understanding of the technical and creative uses of the medium, craftsmanship and attention to detail, formal elements, and processes related to their chosen area of specialization.
- Students finishing the degree program will produce a coherent body of creative work in their area of specialization, and for those graduates who show the ability and desire to pursue an advanced degree, the work should be of sufficient quality to satisfy the requirements for the admission to graduate school.
- Students will demonstrate the ability to promote, design, and install an exhibition of their artwork in the professional, on-campus gallery venue, in preparation for their art careers.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Sciences **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- Social Sciences 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- ENGL Literature **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**⁴

- General Electives **Credits: 9-12**⁸

Total Credit Hours: 30

Course Requirements for Major

- FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
- FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**

Total Credit Hours: 18

Studio Arts Option

- FA 3301 - Drawing Techniques and Concept - **Credits: 3**

Choose three of the following studio courses. Credits: 9

You must take the 3x51 course before you enroll in the 4x49 course of the same discipline.

- FA 3451 - Photography I - **Credits: 3**

- and
- FA 3551 - Digital Art, Video and Animation I - **Credits: 3**
- and
- FA 3651 - Sculpture and Extended Media I - **Credits: 3**
- and
- FA 3751 - Painting I - **Credits: 3**
- and
- FA 3851 - Printmaking I - **Credits: 3**

- FA 4301 - Figure Drawing - **Credits: 3**

Choose one area of focus. Credits: 3

You must take the 4x49 class before you enroll in the 4x51 class of the same discipline.

- FA 4449 - Photography II - **Credits: 3**
- or
- FA 4549 - Digital Art, Video and Animation II - **Credits: 3**
- or
- FA 4649 - Sculpture and Extended Media II - **Credits: 3**
- or
- FA 4749 - Painting II - **Credits: 3**
- or
- FA 4849 - Printmaking II - **Credits: 3**

Choose one of the following courses. Credits: 3

- FA 4451 - Photography III - **Credits: 3**
- or
- FA 4551 - Digital Art, Video and Animation III - **Credits: 3**
- or
- FA 4651 - Sculpture and Extended Media III - **Credits: 3**
- or
- FA 4751 - Painting III - **Credits: 3**
- or
- FA 4851 - Printmaking III - **Credits: 3**

- Art History electives 3000+ **Credits: 6**
- FA 4998 - Art Research Capstone - **Credits: 3**
Students must get department consent to enroll in FA 4998.

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN). Check General Education Courses to confirm courses fulfilling this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement.
- Studio Art majors must complete 9 credit hours in one language or 6 credit hours in two languages. Art History majors must complete 12 credit hours in one language.
- Students must get consent of the department to enroll in FA 4998 Art Research Capstone.
- Free electives can be taken from any Department including Fine Arts.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Gen Ed MATH **Credits: 3**

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**

- FA 1010 - Art Appreciation - **Credits: 3**
- or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- Foreign Language - 1st Language Part 1 **Credits: 3**

- FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**
- FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 3301 - Drawing Techniques and Concept - **Credits: 3**

- FA 3x51 Studio 1 Course **Credits: 3**

- Foreign Language - 1st Language Part 2 **Credits: 3**
- Gen Ed Biology **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**

- FA 3x51 Studio 1 course **Credits: 3**
- FA 3x51 Studio 1 course **Credits: 3**
- Gen Ed Biology or other Science **Credits: 3**
- Foreign Language - 1st language part 3, or 2nd language part 1 **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Art History Elective 3000+ **Credits: 3**
- FA 4x49 Studio II course **Credits: 3**
- Gen Ed Literature **Credits: 3**
- Gen Ed Social Science **Credits: 3**
- Gen Ed Non-Biology Science **Credits: 3** (Must be the same as the other non-Biology science, if taken.)

Total Credit Hours: 15

Second Term

- FA 4301 - Figure Drawing - **Credits: 3**
- FA 4x51 Studio III **Credits: 3**
- Social Science, 2000 level **Credits: 3** ²
- Literature elective **Credits: 3**
- Free elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FA Art History elective 3000+ **Credits: 3**
- Non-FA 3000+ elective³**Credits: 3**
- Social Science, 1000 or 2000 level **Credits: 3**²
- Free elective or Foreign Language - 1st Language Part 1 **Credits: 3**
- Free elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 4998 - Art Research Capstone - **Credits: 3**
- Social Science, 2000 level **Credits: 3**
- Non-FA 3000+ elective **Credits: 3**
- Free electives **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- Social Science must be completed over at least two different areas (Anthropology, Economics, Geography, Political Science, Psychology, Sociology, or Urban Studies) and six credits must be at the 2000 level or above.
- 3000 level electives cannot be in Fine Arts; only 3 credits of EDHP or EDHS courses may be used.

Fine Arts, Studio Art Option, Minor

Minor Requirements

A Minor in Fine Arts, Studio Art Option, requires the student take a total of 18 credit hours in art studio courses including the following:

Choose three classes:

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
 - FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
 - FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**
 - FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**
- Credits: 9**

Choose three classes:

- FA 3301 - Drawing Techniques and Concept - **Credits: 3**
 - FA 3451 - Photography I - **Credits: 3**
 - FA 3551 - Digital Art, Video and Animation I - **Credits: 3**
 - FA 3651 - Sculpture and Extended Media I - **Credits: 3**
 - FA 3751 - Painting I - **Credits: 3**
 - FA 3851 - Printmaking I - **Credits: 3**
- Credits: 9**

A letter grade of "C" or better must be earned in each course. The courses may be taken as elective credits at any point in the undergraduate curriculum provided the student adheres to prerequisites and course-level restrictions listed in the Catalog.

Total Credits: 18

French Minor

Minor Requirements

A Minor requiring FREN 2002 and 15 additional credit hours of upper-level French with a 2.0 grade point average.

- FREN 2002 - Intermediate French II - **Credits: 3**
- French Electives, 3/4000-level **Credits: 15**

Geographic Information Systems Graduate Certificate

Course Requirements

12 Credit Hours (Four Courses) from the Following:

- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
 - GEOG 5810 - Introduction to Remote Sensing - **Credits: 3**
 - GEOG 5820 - Rem Sens II: Image Processing - **Credits: 3**
 - GEOG 5830 - GIS Theories and Concepts - **Credits: 3**
 - GEOG 5832 - Adv Techniques GIS - **Credits: 3**
 - MURP 5081 - Information Tech for Plan Prof - **Credits: 3**
 - MURP 5800 - Spec Studies-Urban Problems - **Credits: 3**
- OR
- URBN 5800 - Spec Studies-Urban Problems - **Credits: 3** may be taken with permission from the Department of Planning and Urban Studies

Other courses as approved by the Chair of the Department of Planning and Urban Studies.

Geography Minor

Minor Requirements

A Minor in Geography requires the student take a total of 18 credit hours including the following:

- GEOG 1001 or GEOG 1002.
- Six hours selected from among Geography courses at the 2000 level
- Nine hours selected from among Geography courses at the 3000 level or above.
- A letter grade of "C" or better must be earned in each course.

Global Business Studies Minor

Students may earn a minor in Global Business Studies by completing 18 credit hours from the following courses with a minimum letter grade of C or better in each course:

Minor Requirements

- ECON 4261 - International Trade Theory - **Credits: 3**
 - ECON 4306 - International Finance - **Credits: 3**
- OR
- FIN 4306 - International Finance - **Credits: 3**
 - HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
 - HRT 4319 - Wines of the World - **Credits: 3**
 - HRT 4250 - International Tourism - **Credits: 3**
 - MANG 4446 - International Management - **Credits: 3**
 - MKT 4546 - Int'l Marketing Management - **Credits: 3**

Health Care Management, M.S.

The Master of Science in Health Care Management program is designed to prepare health care professionals to survive and prosper in the twenty-first century. The curriculum provides students with a unique blend of knowledge that bridges the world of health care and the world of finance, marketing, accounting, and management. The objective of this advanced education is to enable graduates to manage and supervise administrative areas in both public and private health care settings more efficiently. This interdisciplinary program involves faculty from the College of Business Administration and adjunct lecturers from relevant

health care agencies and organizations. The program consists of 33 credit hours (11 courses). There is no thesis.

Student Learning Outcomes

- Students will demonstrate knowledge of advanced business concepts as applied to health care organizations as identified in the learning objectives of each of the core classes in the program.
- Students will demonstrate skills in critical thinking.
- Students will demonstrate skills in problem solving.

Admissions Requirements

Baccalaureate degree from an accredited college or university; GPA of at least 2.75 on a 4.0 grading system from undergraduate work; satisfactory academic standing at the last university or college attended.

Degree Requirements

- ACCT 5400 - Intro to Fin Acct - **Credits: 3**
- ECON 6250 - Health Care Economics - **Credits: 3**
- HCM 6010 - Health Care Management - **Credits: 3**
- HCM 5016 - Intro to Health Informatics - **Credits: 3**
- MKT 6536 - Seminar Hlth Care Mang - **Credits: 3**
- HCM 6012 - Org Behavior in Health Care - **Credits: 3**
- FIN 6350 - Health Care Financial Mgmt - **Credits: 3**
- HCM 6015 - Health Care Law and Ethics - **Credits: 3**
- And two approved electives **Credits: 6**
- HCM 6013 - Strategic Issues - Health Care - **Credits: 3**

Total Credits Required: 33

- ACCT 5400 (prerequisite) Introduction to Financial Account and Finance Concepts this course is required for non-business students and if taken may be used as an approved elective.

Executive Track

For experienced managers, professionals, and entrepreneurs who are working full time, the Executive track of the MS in Health Care Management (MSHCM) degree is a lock-step program designed to allow rapid completion of the MSHCM degree with minimal disruption of work responsibilities. In this 15-month program, classes are held primarily on Saturdays and Sundays of alternating weeks. Additional fees apply. Classes may be taken only by students admitted to the Executive track of the MS in HCM program. Admission to the Executive track of the MSHCM program is separate from admission to the HCM program.

In addition to meeting the minimum standards for admission to the Graduate School, admission to the Executive track of the Master of Science in Health Care Management Program is at the discretion of the College of Business Administration's Committee on Executive MS-HCM graduate admissions. Applicants to the program may be required to take the Graduate Management Applications Test (GMAT) or the Graduate Record Examination (GRE). UNO Graduate School English language requirements must also be fulfilled.

Applicants are evaluated based on:

- the length and quality of their business experience;
- attainment of, and grade point in, a baccalaureate degree from an accredited college or university.

Healthcare Management, B.S.

Student Learning Outcomes

The primary learning goals of the BS in Healthcare Management program are to:

- Prepare students for successful job entry into the profession of healthcare management.
- Prepare students to succeed under variable conditions of the future.
- Create a student body and a network of alumni who are actively engaged in the process of improving the health of the community, state, nation, and world.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**³
- Other Physical Science **Credits: 3**²
- BIOS or same Physical Science **Credits: 3**³

Humanities

- Humanities **Credits: 6**
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Arts

- Arts **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- General Electives **Credits: 7**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**³

Total Credit Hours: 47

Course Requirements for Major

- HCM 1000 - Intro to Health Management - **Credits: 3**
- HCM 2000 - The US Healthcare System - **Credits: 3**
- HCM 3010 - Health Improvement - **Credits: 3**
- HCM 3020 - Healthcare Information Tech - **Credits: 3**
- HCM 3030 - Community Health Research - **Credits: 3**
- HCM 3040 - Health Reimbursement - **Credits: 3**
- HCM 4010 - Healthcare Ethics - **Credits: 3**
- ECON 4250 - Health Care Economics - **Credits: 3**
- MKT 4536 - Health Care Marketing - **Credits: 3**
- HCM 4070 - Future of Healthcare - **Credits: 1**
- HCM 4094 - Healthcare Internship - **Credits: 3**
- HCM 4480 - Healthcare Capstone - **Credits: 3**

Total Credit Hours: 34

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- BIOS 1053 must be taken prior to BIOS 1303.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- Arts **Credits: 3**
- Humanities **Credits: 3**
- HCM 1000 - Intro to Health Management - **Credits: 3**
- Approved Elective (UNIV 1001) **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- HCM 2000 - The US Healthcare System - **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- Social Sciences (POLI 2151) **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- HCM 3010 - Health Improvement - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- Other Physical Science **Credits: 3**

Total Credit Hours: 15

Second Term

- HCM 3020 - Healthcare Information Tech - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- ECON 4250 - Health Care Economics - **Credits: 3**
- HCM 3030 - Community Health Research - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- HCM 3040 - Health Reimbursement - **Credits: 3**
- HCM 4010 - Healthcare Ethics - **Credits: 3**
- HCM 4070 - Future of Healthcare - **Credits: 1**
- MKT 4536 - Health Care Marketing - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- Other Physical Science **Credits: 3**

Total Credit Hours: 16

Second Term

- HCM 4094 - Healthcare Internship - **Credits: 3**
- HCM 4480 - Healthcare Capstone - **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Healthcare Management/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Healthcare Management and the Master of Business Administration degree.

Higher Education Administration, M.Ed.

Program Overview:

The goal of the M.Ed. in Higher Education Administration program is to prepare generalist practitioners with a broad understanding of the role of educational leaders in postsecondary education. The program is designed for both recent college graduates and mid-career professionals seeking a program of study that focuses on multiple areas of educational leadership. Through reflective study designed to inform effective practice, the program will encourage students to apply what they learn in class to their current or future work as practitioners/administrators in colleges and universities.

Student Learning Outcomes

- Master's students will define the historical roots and philosophical assumptions underlying the formation of the higher education profession and demonstrate an understanding of higher education as a field of study and an institution in American society. In addition, students will understand the unique functional areas within higher education, their characteristics, and how to effectively lead in these areas.
- Master's students will demonstrate an understanding of the need for inclusive campuses, including the current organizational and societal issues and policies that can impact equity within higher education.
- Master's students will demonstrate an understanding of the needs of current students, the role of higher education in developing students, and how colleges and universities affect students.

Program of Study

The curriculum for the M.Ed. in Higher Education Administration is designed for completion in two years of study, including summer coursework. The 36-hour curriculum includes foundations and leadership courses (6 hours), professional practice courses (21 hours), an internship (3 hours), and two elective courses (6 hours), as described below.

Foundations and Leadership (6 Hours):

- EDAD 6600 - Amer College & University - **Credits: 3**
- EDAD 6681 - Org & Ldrship in Higher Ed - **Credits: 3**

Professional Practice (21 Hours):

- EDAD 6530 - Student Services High Educ - **Credits: 3**
- EDAD 6535 - College Student Development - **Credits: 3**
- EDAD 6675 - Current Issues in Higher Educ - **Credits: 3**
- EDAD 6684 - Teach Lrn Curr in Higher Ed - **Credits: 3**
- EDAD 6993 - Selected Topics in Educ Adm - **Credits: 1 - 3 (Variable)**
- EDFR 6675 - Assessment in Higher Education - **Credits: 3**
- EDFR 6700 - Educational Research - **Credits: 3**

Internship (3 Hours):

- EDAD 6695 - Internship in Higher Education - **Credits: 3**

Electives (6 Hours from the Following):

6 Hours from the following, or other disciplines related to student career goals:

- EDAD 6550 - The Academic Profession - **Credits: 3**
- EDAD 6605 - Community & Technical Colleges - **Credits: 3**
- EDAD 6610 - Legal Aspects of Higher Educ - **Credits: 3**
- EDAD 6615 - Financial Mang in Higher Educ - **Credits: 3**
- EDAD 6620 - History & Philosophy of Hi Ed - **Credits: 3**
- EDAD 6630 - Student Choice in Higher Educ - **Credits: 3**
- EDAD 6640 - College Teaching - **Credits: 3**
- EDAD 6645 - College Student Learning
- EDAD 6650 - College Curriculum - **Credits: 3**
- EDAD 6683 - Students in Higher Ed - **Credits: 3**

Historic & Cultural Preservation Graduate Certificate

Required Courses

- MURP 5010 - Policies and Politics of Historic Preservation - **Credits: 3**
- URBN 5100 - Gentrification Hist Dist - **Credits: 3**
- ANTH 5721 - Cultural Resources Management: Theory & Practice - **Credits: 3**

Elective Courses (Only 2 Courses Required; Pathways Optional)

Career Pathway #1: Preservation Policy & Law

- MURP 5071 - Historic Preservation Law - **Credits: 3**
- MURP 6071 - Zoning-Land Use Regulation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**
- MURP 6450 - Local Economic Development - **Credits: 3**
- MURP 6900 - Independent Study - **Credits: 3** (with approval of the Jean Brainard Boebel Endowed Chair in Historic and Cultural Preservation)

Career Pathway #2: Preservation Planning

- MURP 6620 - History & Theory Planning - **Credits: 3**
- URBN 5002 - The Shape of the City - **Credits: 3**
- MURP 5005 - Intro Neighborhood Planning - **Credits: 3**
- MURP 5050 - Urb Land Use Plan & Plan Makng - **Credits: 3**
- MURP 5081 - Information Tech for Plan Prof - **Credits: 3**
- MURP 6800 - Planning Internship - **Credits: 3** (with approval of the Jean Brainard Boebel Endowed Chair in Historic and Cultural Preservation)

Career Pathway #3: Cultural Resource Management

- ANTH 5070 - Qualitative Research - **Credits: 3**
- ANTH 5991 - Adv Field Res in Anthropology - **Credits: 1 - 6 (Variable)**
- ANTH 6201 - Analysis Tech Writing CRM - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- ANTH 5790 - Internship in Anthropology - **Credits: 3** (WITH approval of the Richard Wallin Boebel Endowed Professor in Anthropology)

Career Pathway #4: Heritage Placemaking

- HIST 6603 - Research in New Orleans Hist - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**
- HIST 6992 - History Internship - **Credits: 3** (with approval of a Co-Director of the Midlo Center for New Orleans Studies)

History Minor

Minor Requirements

To achieve a Minor in History the student must complete 18 hours credit in history with a 2.0 average. At least 50% of the credit hours must be in courses numbered 3000 or above. Students should consult with a history advisor in planning a minor.

History, Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in History and the Master of Arts degree in History.

History, B.A.

Student Learning Outcomes

- History majors will demonstrate understanding of the history discipline by interpretation of primary source documents.
- History majors will exhibit the skills necessary for historical analysis via written and oral narrative.
- History majors will produce scholarly material by demonstrating the use of both primary and secondary sources.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

*See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**⁵
- FORL 1002 **Credits: 3**⁵
- Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**⁸

Arts

- Arts Elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 21-24**
- PHIL Elective **Credits: 3**

- FORL 2001 **Credits: 3**
OR

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- History Electives (Upper Level) **Credits: 15**
- HIST Electives, any level **Credits: 6**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
- Check General Education Courses to confirm courses fulfilling this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- Students can fulfill this requirement with courses from the subject areas listed as Liberal Arts Approved Electives, or by taking courses at the 3000+ level in social sciences or arts, thereby fulfilling two requirements at once. The application of a course to two requirements, however, does not reduce the total number of hours required for graduation.
- The nine hours of foreign language must be in the same language. Alternately, students may opt to take 12 hours in two foreign languages (six hours in each of two languages.) If the 12-hour option is chosen, students may reduce approved electives by three hours. Advanced courses in foreign language are recommended for students anticipating graduate study.
- At least six hours of history electives must be from history courses with a geographical focus other than the United States.

LITERATURE: Six hours in literature courses from ENGL or Foreign Languages. Note: Writing or linguistics courses will not count toward the degree. Check prerequisites with these departments before choosing courses.

MATHEMATICS: Six hours above the remedial level (no credit for MATH 1021 or 1022). Placement in MATH courses by ACT score. Credit will be awarded for MATH 1115, MATH 1125, and/or MATH 1126 courses for those who pass higher level courses in the sequence with a C or better.

SCIENCE: Nine hours in two sciences (choose from BIOS, EES, CHEM, or PHYS): six hours in one science, plus three hours in another science. Three of the required hours must be in biology (BIOS 1053 and BIOS 1063, the non-major biology courses, are recommended).

ARTS: Three hours of arts courses from FA, MUS, or FTCA.

FOREIGN LANGUAGE: There are two paths to satisfying the language requirement: either successful completion of a three-semester sequence in a single foreign language (9 hrs.), or two semesters each in two different foreign languages (12 hrs.). Students with prior knowledge of a language may take a placement test to place into the second, third, or fourth semesters. Bypass credit will be awarded for all skipped courses if the student earns a C or better in the advanced courses.

SOCIAL SCIENCE: Twelve hours in ANTH, ECON, EDUC, GEOG, POLI, PSYC, SOC, URBN, WS. Six hours of credit at any level, plus six hours of credit at the 2000+ level. Students must take courses in at least two different subject areas.

HISTORY: HIST 1001, HIST 1002, HIST 2501, HIST 2502, and HIST 3002 plus 15 hours of elective 3000-4000 level HIST courses, and six hours of elective HIST courses at any level. Elective hours must be organized as follows: nine hours in a field of concentration (US, European, or Non-Western History) and six hours outside the concentration (including 3 hours of Non-Western History).

PHILOSOPHY: 3 hours of PHIL at any level.

ELECTIVES: Thirty (30) or 33 hours of electives. Students may take no more than 9 hours of "nonapproved" electives, including a maximum of 3 hours of EDPE and EDHS (See College of Liberal Arts, Education, and Human Development catalog for a list of approved electives).

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**

- Philosophy **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- HIST 1001 - World History I - **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- HIST (any level) **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher
- HIST 1002 - World History II - **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 1001 **Credits 3**
- Social Sciences **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- HIST 3000+ **Credits: 3**
- FORL 1002 **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- BIOS/Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- FORL 2001 **Credits: 3**
- HIST 3000+ **Credits: 3**
- Physical Science **Credits: 3**
- Electives **Credits: 3**

Total Credit Hours: 15

Second Term

- HIST any level **Credits: 3**
- Non - HIST 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Arts **Credits: 3**
- Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- HIST 3000+ **Credits: 3**
- Non- HIST 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Second Term

- HIST 3000+ **Credits: 3**
- HIST 3000+ **Credits: 3**
- Electives **Credits: 5**
- PHIL Elective **Credits: 3**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

History, M.A.

Program Overview:

The graduate program leading to the Master of Arts degree in history provides intensive training for well qualified students in both European and American history. It serves to prepare students for work elsewhere at the doctorate level, to provide training for teachers in the secondary schools, and to offer advanced study in the humanities for those interested in nonacademic professions.

Student Learning Outcomes

- Graduate students will demonstrate active participation within the historical and academic community, thereby building scholastic and career skills.
- Graduate students will demonstrate mastery of the basic skills of historical research and writing.
- Graduate students will produce scholarly material that incorporates advanced integration of scholarly material and research skills.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

admission to the graduate history program will be determined by the department upon the basis of the applicant's personal statement, undergraduate transcripts reflecting a high level of undergraduate achievement (typically, a GPA of 3.0 or above), and two letters of recommendation from professors with whom the applicant has studied. For application instructions, prospective students should consult the department's website;
<http://history.uno.edu/grad/>

Degree Requirements

All candidates must complete a total of 30 credit hours, with at least 15 hours in courses at the 6000 level, a maximum of 12 hours at the 5000 level, and at least 3 hours of thesis research.

Required Courses

Only grades of B or better will be accepted toward fulfillment of degree requirements. The department recommends enrolled students register every semester for HIST 6005 - Grad History Forum.

The program will culminate with a thesis that demonstrates an appropriate level of skill in historical research and writing, as well as a comprehensive oral examination designed to test the student's general knowledge of history.

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

At Least One History Seminar from the Following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Concentration in International and Global Studies

This concentration focuses on global, transnational and comparative approaches to the history of our increasingly interconnected world. In addition to the core history curriculum, a limited amount of interdisciplinary coursework that accentuates the interaction of states, societies, peoples and cultures over time will be deemed applicable. This concentration prepares students for both advanced graduate study and for careers in education, international organizations, government and the private sector. Students must complete a total of 30 credits hours and successfully defend a thesis.

Required Courses:

Students internships may be performed in the United States or, preferably, at an overseas campus or other location abroad. Candidates for the International and Global Studies concentration must be certified as having a reading and oral proficiency in one modern foreign language. As with the standard curriculum, the concentration will culminate with a thesis and a comprehensive oral examination.

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6201 - Seminar in World History - **Credits: 3**
- One additional 5000- or 6000 - level history course featuring significant international topics and material.
- Three additional 5000- or 6000-level courses in other disciplines. These courses must be designated by the History Department's Graduate Coordinator as featuring significant international topics and material relevant to the candidate's course of study.
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (3 hours) at the 5000 or 6000 level.
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

Concentration in Public History

The concentration in public history is available to students interested in the practice and presentation of history for a public audience, beyond the academy. This concentration does not preclude pursuit of a doctorate in history, but it is designed to provide history students with the opportunity to use New Orleans as a laboratory in which to develop skills for work in museums and other public venues. The curriculum for this concentration combines history coursework with courses in the theory and practice of public history, and a three-hour internship at a local museum, archive, or library. Students in this concentration must complete a total of 30 credit hours in one of two tracks, culminating with a thesis and a comprehensive oral examination.

Local & Community Track

This track allows students to focus on historical issues of local and community interest. In addition to other coursework, students will be placed in an internship position at a local institution with the help of the internship coordinator.

Required Courses

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**

- HIST 6008 - Intro Public History - **Credits: 3**
- HIST 5008 - Public History Methods - **Credits: 3**
OR
- HIST 5012 - Digital History
- HIST 5603 - Research in New Orleans History
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (6 hours) at the 5000 or 6000 level
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

One seminar from the following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Military Track

This track allows students to focus on issues pertaining to military history. In addition to other coursework, students will be placed in an internship position at a local historical museum or site with the help of the internship coordinator.

Required Courses

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**
- HIST 5008 - Public History Methods - **Credits: 3**
OR
- HIST 5012 Digital History
- HIST 5003 - Modern Military History - **Credits: 3**
- HIST 5565 - US Military History - **Credits: 3**
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (3 hours) at the 5000 or 6000 level
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

One seminar from the following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Hospitality and Tourism Management, M.S.

The Master of Science in Hospitality and Tourism Management program is an advanced degree program to better prepare future leaders in the hospitality and tourism industry. It is designed to enhance students' knowledge of the industries that operate under the rubric of global tourism; widen their horizons in regard to unresolved issues in the field; and further develop their analytical abilities and communication skills.

The program prepares students for professional careers in both the private and public sectors of global hospitality and tourism and it also serves as a foundation for more advanced studies. Students are provided a broad preparation in the important operational aspects of the organizations that comprise the hospitality and tourism industries. Emphasis is placed on the development of problem solving and decision-making abilities as well as the acquisition of basic research skills. The program can be completed either on campus or online. The program is designed to satisfy the needs of students with undergraduate degrees in any field who want to be better prepared for careers in hospitality and tourism.

Student Learning Outcomes

- Students will demonstrate knowledge of the following core hospitality industries: Hotel/lodging, Restaurant/Foodservice, Events/Meetings, and Tourism.
- Students will demonstrate the ability to analyze an ethical situation.
- Students will develop an advanced understanding of research methods and their application in the hospitality and tourism industry.
- Students will demonstrate effective written communications skills.
- Students will demonstrate effective oral communications skills.
- Students will demonstrate effective problem-solving skills.
- Students will demonstrate the ability to synthesize core business management concepts and apply them to the hospitality and tourism industry.
- Students will demonstrate the ability to assess the economic impact of international tourism.

Admission Requirements

Applicants to the M.S. program should meet the minimum standards for admission to the Graduate School.

Degree Requirements

*HRT 6301 must be taken near the end of the course of study.

**HRT 7000 must be taken over the last two semesters of study (3 credits per semester) and with approval of the department.

- HRT 6001 - Survey of Hospitality & Touris - **Credits: 3 ***
- HRT 6200 - Hosp & Tourism Ops Analysis - **Credits: 3**
- HRT 6202 - Hosp and Tourism Research Meth - **Credits: 3**
- HRT 6203 - Marketing App for Hosp & Tour - **Credits: 3**
- HRT 6205 - Change Mang for Hosp & Tourism - **Credits: 3**
- HRT 6207 - Work Experience HTM - **Credits: 3**
- HRT 6250 - Tourism Destination Developmnt - **Credits: 3**
- HRT 6300 - Hospitality & Tourism Rev Mgt - **Credits: 3**
- HRT 6301 - Hosp & Tour Indus Strtg Mang - **Credits: 3 ****

Required credits for all students: 24

Electives - Non-Thesis (two of the following)

- HRT 6102 - Technology Tourism & Hosp Mgt - **Credits: 3**
- HRT 6204 - Hospitality & Tourism Intern - **Credits: 3**
- HRT 6491 - Indep Study in Hosp & Tourism - **Credits: 3**
- HRT 6495 - Spec Top Hospitality & Touris - **Credits: 3**
- Business Elective **Credits: 3**

Non-Thesis Option Total credits required: 30

Additional Degree Requirements - Thesis Option

- HRT 7000 - Thesis Research - **Credits: 1 - 9 (Variable) *****

Master of Science Thesis Option: 6 Credits

Must take two additional Research Methods/Statistics courses (for a total of 6 additional credits).

Students must have approval from the HRT Graduate coordinator prior to registering for the appropriate courses.

Courses may be selected from:

- EDFR 6705 - Quant & Qual Research Design - **Credits: 3**
- EDFR 6710 - Descriptive Statistics - **Credits: 3**
- EDFR 6720 - Appl Regr & Analy Covariance - **Credits: 3**
- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**

Total Credits Required Thesis option: 39

- Students choosing the non-thesis option will need a minimum of 30 credit hours to complete the course requirements for the program.
 - Students choosing the thesis option are required to take HRT 7000 (six credit hours). In addition, students will also need six credits of Statistics/Research Methods a minimum of 39 credit hours to complete the course requirements for the thesis option.
- The Master of Science program consists of a minimum of ten courses and a total of 30 credit hours. The thesis option will require an additional nine credit hours.

Hotel, Restaurant & Tourism Administration/Hotel & Tourism Management, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree Hotel, Restaurant and Tourism Administration and a Master of Science degree in Hotel and Tourism Management.

Hotel, Restaurant & Tourism Management/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Hotel, Restaurant and Tourism Management and the Master of Business Administration degree.

Hotel, Restaurant and Tourism Administration Minor

Students must complete 18 credit hours in Hotel, Restaurant, and Tourism Administration with a letter grade of C or better in all courses as follows:

Minor Requirements

- HRT 2000 - Intro to HRT Administration - **Credits: 3**

And choose six credit hours from

- HRT 2020 - Hotel Operations - **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 2070 - Introduction to Conventions - **Credits: 3**

Note:

In addition, students must have nine credit hours at the 3000 or 4000 level.

Hotel, Restaurant and Tourism Administration, B.S.

Student Learning Outcomes

- Students will demonstrate the ability to make an informed ethical decision.
- Students will demonstrate effective written communications skills.
- Students will demonstrate effective problem solving skills.
- Students will demonstrate effective oral communications skills.
- Students will demonstrate core competency skills of the hospitality and tourism industry to prepare them for a career in the hospitality and tourism industry.
- Students will learn to apply core concepts of the hospitality and tourism industry to a business situation.
- Students will be able to identify cultural difference in the business environment.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as other Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Electives **Credits: 6**
- HRT or Business Electives **Credits: 6**

Total Credit Hours: 50

Course Requirements for Major

- HRT 2020 - Hotel Operations - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 3002 - HRT Work Experience - **Credits: 1**
- HRT 3011 - Tourism & Hospitality Marketng - **Credits: 3**
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- HRT 3140 - Cost Control Hosp Operations - **Credits: 3**
- HRT 4000 - Policy Issues Tourism & Hosp - **Credits: 3**
- HRT Electives **Credits: 6**
- MANG 3467 - Human Resource Management - **Credits: 3**

Total Credit Hours: 31

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- ARTS **Credits: 3**
- Social Science **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- HRT 2020 - Hotel Operations - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- Humanities **Credits: 3**

- HRT 2035 - Principles of Food Production Laboratory - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 17

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 3002 - HRT Work Experience - **Credits: 1**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- BIOS **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- HRT 3140 - Cost Control Hosp Operations - **Credits: 3**
- Humanities **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Total Credit Hours: 15

Second Term

- MANG 2790 - Business Communication - **Credits: 3**
- HRT 3011 - Tourism & Hospitality Marketng - **Credits: 3**
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- Elective **Credits: 2**
- HRT or Business Elective **Credits: 3**
- HRT or Business Elective **Credits: 3**
- HRT Elective **Credits: 3**

Total Credit Hours: 14

Second Term

- HRT Elective **Credits: 3**
- HRT 4000 - Policy Issues Tourism & Hosp - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Human Performance and Health Promotion, Exercise Physiology Concentration, B.S.

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes

- Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
- Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in a community-based professional setting.
- Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification)

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**¹
- BIOS 1311 - Human Anatomy & Phys Lab - **Credits: 1**¹
- Electives **Credits: 18**
- BIOS 1313 - Human Anatomy & Phys II - **Credits: 3**¹
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**

Total Credit Hours: 28

Course Requirements for Major

- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDHS 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Electives (2000 level or above) **Credits: 6**
- EDHP/EDHS Electives (4000 level) **Credits: 12**

Total Credit Hours: 30

Concentration Requirements

1

- EDHP 1090 - Aerobic/Anaerobic Activities - **Credits: 2**
- EDHP 3200 - Kinesiology & Biomechanics - **Credits: 3**
- EDHP 3201 - Physiology of Exercise - **Credits: 3**
- EDHP 3330 - Exercise Physiol Lab Methods - **Credits: 3**
- EDHP 4222 - Physical Fitness Programming - **Credits: 3**
- EDHS 4610 - Nutritional Health & Fitness - **Credits: 3**
- EDHP 4998 - Practicum Human Performance - **Credits: 1 - 6 (Variable)**
- EDHP 3210 - Motor Development & Motr Learn - **Credits: 3**

Total Credit Hours: 23

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

Non-Coursework Requirement

Current Certificate from the Red Cross verifying CPR and First Aid Training (Certificate obtained during the semester before graduating).

2.2 GPA is required for graduation

Note:

NOTE: Transfer students: A grade lower than a C will not be accepted for degree credit.

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Human Performance and Health Promotion degree. Courses can be used for free electives only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- EDHP 1090 - Aerobic/Anaerobic Activities - **Credits: 2**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS 1311 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1313 - Human Anatomy & Phys II - **Credits: 3**
- EDHP 3210 - Motor Development & Motr Learn - **Credits: 3**
- ENGL (Literature) **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Social Sciences **Credits: 3**¹
- EDHP 3201 - Physiology of Exercise - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Arts **Credits: 3**¹
- Humanities **Credits: 3**¹
- EDHP 3200 - Kinesiology & Biomechanics - **Credits: 3**
- EDHP 4222 - Physical Fitness Programming - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHP/EDHS Elective **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- EDHS 4610 - Nutritional Health & Fitness - **Credits: 3**
- Elective **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Humanities **Credits: 3**¹
- EDHP/EDHS Elective **Credits: 3**

- EDHS 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHP 4998 - Practicum Human Performance - **Credits: 1 - 6 (Variable)**
- EDHP 3330 - Exercise Physiol Lab Methods - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
 - Required for all First time Full time students.
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for the degree.

Human Performance and Health Promotion, Health Promotion Concentration, B.S.

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes

- Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
- Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in

a community-based professional setting.

- Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification)

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- Physical Sciences **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**¹
- Social Sciences **Credits: 3**
- Electives **Credits: 21**
- Physical Sciences **Credits: 3**
- Physical Sciences **Credits: 2**

Total Credit Hours: 30

Course Requirements for Major

1

- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**

- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Electives (2000 level or above) **Credits: 6**
- EDHP/EDHS Electives (4000 level) **Credits: 12**

Total Credit Hours: 30

Concentration Requirements

1

- EDHS 4000 level **Credits: 3**
- EDHS 4111 - Epidem Principles Health Promo - **Credits: 3**
- EDHS 4202 - Community Health Promotion - **Credits: 3**
- EDHS 4301 - Methods of Health Education - **Credits: 3**
- EDHS 4302 - Plan Eval Health Prom Programs - **Credits: 3**
- EDHS 4706 - Social Mrktg for Health Comm - **Credits: 3**
- EDHS 4998 - Practicum Health Promotion - **Credits: 1 - 6 (Variable)**

Total Credit Hours: 21

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

Non-Coursework Requirement

2.2 GPA is required for graduation

Current Certificate from the Red Cross verifying CPR and First Aid Training (Certificate obtained during the semester before graduating).

Note:

NOTE: Transfer students: A grade lower than a C will not be accepted for degree credit in the Human Performance and Health Promotion Program.

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Human Performance and Health Promotion degree. Courses can be used for free electives only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- Physical Science **Credits: 4**
- ENGL (Literature) **Credits: 3**
- Social Sciences **Credits: 3**²
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- Physical Science **Credits: 4**²
- Social Sciences **Credits: 3**²
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Arts **Credits: 3**²
- Social Sciences **Credits: 3**
- EDHS 4301 - Methods of Health Education - **Credits: 3**
- EDHS 4202 - Community Health Promotion - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Humanities **Credits: 3**²
- EDHS 4302 - Plan Eval Health Prom Programs - **Credits: 3**
- EDHS 4706 - Social Mrktg for Health Comm - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Humanities **Credits: 3**²
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- EDHS 4000 Level **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHS 4111 - Epidem Principles Health Promo - **Credits: 3**
- EDHS 4998 - Practicum Health Promotion - **Credits: 1 - 6 (Variable)**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Information Systems Management Minor

Students wishing to minor in Information Systems Management may do so by completing 18 credit hours in approved management information systems courses. Students must take MANG 3778, and five of the following:

Minor Requirements

- MANG 4710 - Innovation Management - **Credits: 3**
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- MANG 4735
- MANG 4740
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG 4760 - Managing Electronic Commerce - **Credits: 3**
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

Note:

A grade of C or better must be received in each course.

Integrative Biology, Ph.D.

Program Overview:

The Integrative Biology doctoral program is designed to prepare students for careers in biology through a rigorous program of coursework and research. Integrative biology combines approaches from diverse areas, from molecular biology to ecology), to illuminate how organisms function and operate in their environment.

Student Learning Outcomes

- Deliver effective oral and visual summaries of independent research.
- Demonstrate mastery of advanced concepts and experimental approaches in an area of biological research.
- Integrate current scientific knowledge into a research proposal aimed at making an original contribution to an advanced technical field of biology.
- Apply advanced concepts and experimental approaches to a novel problem in biology. Present and evaluate the results of original dissertation research to a general audience.
- Write a dissertation that synthesizes previous research in support of an original research project, and evaluates the results of original research in the context of current knowledge.

Admission:

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be prompted to provide a statement of purpose describing research interest, experience and goals and a current resume/CV. Three letters of recommendation from faculty familiar with the academic and research potential of the applicant are also required.

Degree Requirements

Doctoral students are required to complete a minimum of 60 credit hours beyond the baccalaureate degree. The course requirement is meant to provide students with basic understanding and skills in Integrative Biology, while allowing individuals to tailor the specific coursework to meet their needs. Courses are selected in consultation with the student's advisor and must satisfy the following requirements:

- 3 credit hours of Topics in Integrative Biology (BIOS 6093).
- 9 credit hours of other graduate-level coursework.¹
- 2 credit hours of Scientific Communication (BIOS 6022).
- 4 credit hours of Graduate Seminar (BIOS 6091).²
- 12 credit hours of Dissertation Research (BIOS 7050).³
- The remaining 30 credit hours may include additional seminar (BIOS 6091) or research (BIOS 7000, BIOS 7050).⁴

¹A minimum of 3 credit hours must be at the 6000-level (i.e., 6 credit hours may be at the 5000-level). May not include BIOS 6091, BIOS 7000, BIOS 7050 or more than 3 credit hours of BIOS 6090.

²Students are expected to enroll in BIOS 6091 every regular semester in residence.

³Students are expected to enroll in BIOS 7050 every regular semester in residence after advancing to candidacy.

⁴Other specific courses may be required to address deficiencies in student preparation.

Students must maintain a cumulative GPA of 3.0 (on a 4.0 scale) in all required coursework. Any course in which a student earns a C will be reviewed by the graduate committee to determine whether it will count toward the degree requirements. In no case will more than 6 credit hours of C be applied to the degree requirements. At least half of the total credits earned by doctoral students must be at the 6000 or 7000-level.

Advisory Committee

All students admitted to the doctoral program will be assigned an interim advisor. During the first year in the program, the student will select a research advisor (who may be the same as the interim advisor) and assemble an advisory committee. The advisory committee consists of four associate or full members of the graduate faculty, three of whom must be faculty of the Department of Biological Sciences. Other committee members may be from other departments at UNO or other institutions. The advisory committee provides guidance on coursework and research.

A Plan of Study that includes coursework completed, in progress, and planned, must be approved by the graduate coordinator and submitted to the graduate school by the end of the first year in the program. Continuation in the program is contingent upon evidence of progress in the degree program provided in the form of annual reports submitted to the graduate committee.

General Exam

Students must take a general exam before the end of their second year in the program. The major requirement of the general exam is the preparation of a well-constructed and complete research proposal describing the dissertation project in sufficient detail to judge feasibility, novelty, and relevance of the project. The proposal is presented at a public seminar and defended in a closed meeting with the advisory committee. Students need to demonstrate a high degree of proficiency in their research area, appropriate general knowledge, and readiness to perform dissertation research. Upon passing the general exam, and with the approval of the Department Chair and Dean of the College, the student is admitted to doctoral candidacy.

Failure to meet the deadlines to submit a Plan of Study and pass the General Exam will result in a warning that will be entered into the student's departmental record. The student must satisfy the requirement before the end of the next regular semester. Failure to satisfy either requirement during the first regular semester after the deadline will result in a hold being placed on the student's registration for future semesters and potential dismissal from the program.

Dissertation

The most important requirement of the doctoral degree is a dissertation summarizing original, independent research, which is both significant and novel. Hence, the final years of study are dedicated to conducting research and preparing the dissertation. Advisory committee meetings are convened annually to monitor progress and address problems if they arise. The research is evaluated regularly and adjusted in scope or direction as needed to ensure progress toward the degree. The doctoral program culminates with the preparation, public presentation, and defense of the dissertation in front of the advisory committee. After the defense, the dissertation is revised according to committee recommendations and approved by the Graduate School.

Teaching Requirement

Students are required to have teaching experience prior to the completion of their graduate career at UNO. The experience may be attained prior to enrollment in the program (e.g., by serving as a teaching assistant during undergraduate or M.S. programs) or during the student's tenure in the doctoral program.

Interdisciplinary Studies, B.I.S.

Student Learning Outcomes

- Students will demonstrate an understanding of integrative learning as it relates to the attainment of educational and professional opportunities.
- Students will identify knowledge they have acquired from two or three disciplines.
- Interdisciplinary Studies majors learn how to integrate ideas across disciplines and incorporate distinct perspectives in their learning processes.

Degree Program

The Bachelor of Interdisciplinary Studies is a unique and rigorous degree program administered by the Office of Academic Affairs at The University of New Orleans. The program provides versatility for students seeking to design a coherent academic plan through the process of integrative learning. Integrative Learning refers to the process of combining and coordinating academic elements into a whole or aggregate. IDS students develop an Integrative Learning Plan (ILP) with the guidance and assistance of professional staff. The ILP will incorporate a minimum of two subject areas that clearly represent a focus for studies. Students develop a learning experience that helps meet individual and professional goals while balancing work and life responsibilities with educational opportunities.

Specific requirements for the degree are:

- General Education Requirements:
- English Composition - 6 hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
- Mathematics/Analytical Reasoning - 6 hours.
- Natural/Life/Physical Sciences - 9 hours, including a six hour sequence in one science and an additional three hour course in another. One of the sciences must be Biological Sciences and the other one must be Chemistry, Earth and Environmental Sciences, or Physics.
- Humanities - 9 hours to include:
 - 3 hours in Literature.
 - 6 additional hours to be taken from the Departments of Film and Theater; English; Foreign Languages; History; Philosophy; Women's and Gender Studies.
 - Social/Behavioral Sciences - 6 hours from Anthropology, Economics, Geography, Political Science, Psychology, Sociology and/or Urban Studies.
 - Fine Arts - 3 hours to be taken from the Fine Arts, Music, or theatre/dance/film-related courses in Film and Theater.
- IDS 1002 Making Connections: Introduction to Integrative Learning.
- IDS 2002 Introduction to Information Literacy and Scholarly Discourse.
- Integrative Learning Plan: Completion of an interdisciplinary component, representing a clearly defined focus of studies, with a minimum cumulative grade point average of 2.00. The component will consist of at least two disciplines for a combined total of 36 hours. A minimum of 18 of the 36 hours must be completed with course work at the 3000-4999 level. At least half of the ILP (18-credit hours) to be completed after enrolling in the IDS program.
- IDS 4091 Interdisciplinary Studies Capstone Seminar must complete with C or better.
- Single-Subject Limitation: A maximum of 30 hours of course work in any one subject can be counted toward credit for the degree. For this purpose, all course work offered in business, education, and engineering will be regarded as a single subject.
- Completion of a minimum of 33 hours of courses numbered 3000 or above, with a minimum of 18 hours applied to the ILP.
- Completion of a minimum of 120 hours of course work in courses numbered 1000 and above, with a grade point average of 2.0 (C) or better.
- No more than one-half the semester hours required for the completion of the IDS degree may be transferred from a community college.
- The last 30 hours of coursework must be completed in degree residency while enrolled with Interdisciplinary Studies. All hours must apply toward the major.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics/Analytical Reasoning

- Mathematics/Analytical Reasoning **Credits: 3**
- Mathematics/Analytical Reasoning **Credits: 3**

Science

2

- BIOS **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

2

- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 6**

Social Sciences

2

- Social Sciences elective **Credits: 6**

Arts

2

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- ILP support, requisites or electives **Credits: 36**³

Total Credit Hours: 36

Course Requirements for Major

- IDS 1002 - Making Connections: Introduction to Integrative Learning - **Credits: 3**
- IDS 2002 - Information Literacy and Scholarly Discourse - **Credits: 3**
- IDS 4091 - Capstone Seminar - **Credits: 3**
- Integrative Learning Plan (ILP) **Credits: 36**⁴

Total Credit Hours: 42

Total Credit Hours Required: 120

- English Composition - 6 hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C

or better.

- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- ILP is unique integrated learning plan of personal and professional interest to student. ILP developed with advising and choice of electives and requisites.
- Unique 36 hour ILP of personal and professional interest to student containing a minimum of two disciplines with minimum of 18 hours in coursework numbered 3000 or above within the ILP.

Four Year Plan of Study

First Year of Enrollment

First Term

- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**

- Arts (FA, MUS, FTA) **Credits: 3**
- Humanities **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science **Credits: 3**
- Humanities **Credits: 3**
- Natural Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL 2xxx (literature) **Credits: 3**
- Natural Science **Credits: 3**
- IDS 3001 - Intro to IDS - **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**

Total Credit Hours: 15

Second Term

- Natural Science **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Elective/ILP requisite **Credits: 3**
- ILP @3000-4999 **Credits: 3**
- ILP @3000-4999 **Credits: 3**
- ILP @3000-4999 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ILP @ 3000-4999 **Credits: 3**
- ILP @ 3000-4999 **Credits: 3**
- Elective @ 3000-4999 **Credits: 3**
- Elective **Credits: 3**
- IDS 4091 - Capstone Seminar - **Credits: 3**

Total Credit Hours: 15

Total Degree Hours: 121

Unique Integrative Learning Plan (ILP) is developed through advising with IDS staff. Electives and ILP requisites are selected to support the student's ILP, as well as their personal and professional interests.

International Studies, B.A.

Student Learning Outcomes

- Students will acquire a broad understanding of the increasingly international and global political, economic, cultural, social and environmental forces that affect the world's peoples.
- Students will become familiar with a diversity of approaches, tools and methodologies applicable to scholarly research on international and global studies.
- Students will obtain specialized knowledge by completing either the International Business Track or one of nine distinct Regional or Thematic Concentrations including: Asian Studies; Africana Studies; Latin American & Caribbean Studies; European Studies; Diplomacy & International Organizations; Ethnicity, Nationalism & Migration; Peace & Justice Studies; Environmental Issues & Policy.
- Students will achieve enhanced foreign language capacity applicable to their chosen concentration and career prospects.
- Students will become globally engaged at the personal and professional level, prepared for international experiences and careers in international diplomacy, policy, business, government, media, law or education.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or above

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- SOC 1051 - Introductory Sociology - **Credits: 3**
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
- POLI 2700 - Introduction to World Politics - **Credits: 3**

Arts

- Arts Elective **Credits:3**³

Total Credit Hours: 39

Other Requirements

- POLI 2900 - Methods of Political Research - **Credits: 3**
OR
- SOC 2708 - Methods in Social Research - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course **Credits: 3**⁴
- Approved Electives **Credits: 9**⁹
- FORL 2001 **Credits: 3**
- FORL 2002 **Credits: 3**
- Literature **Credits: 3**⁵

Total Credit Hours: 27

Course Requirements for Major

- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR

- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

- Additional FORL (language/not lit) **Credits: 3**⁷
- Additional FORL (language/not lit) **Credits: 3**⁷

- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900

- Non-Western or Diplomatic HIST Series **Credits: 6**⁶
- Concentration **Credits: 24**^{8,9}

Total Credit Hours: 54

Total Credit Hours Required: 120

- "C" or better required
- A total of nine hours of science are required, including a 6-hour sequence in one science. Select from BIOS, CHEM, EES, or PHYS. At least 3 of the 9 science hours must be BIOS.
- FA, MUS, or theatre/dance/film-related course
- Any 2000-level or higher course in any discipline that treats culture, e.g., ANTH 2052
- Literature course may be in ENGL, FREN, or SPAN
- Non-Western History Option includes any 2000-level or higher HIST course with a non-U.S./non-European focus. (Note: Students with an area studies concentration should choose 6 hours unrelated to that area.) Diplomatic History Option includes any two of the following courses: HIST 4381, HIST 4570, HIST 4575, 4580, HIST 4581 or other course by the program director.
- Enhanced foreign language capacity may be achieved by completing 12 hours in a primary foreign language and one of the following: a) completing an additional six hours of 3000+ level non-literature foreign language coursework, b) completing an additional six hours of non-literature coursework at any level in a second foreign language, or c) demonstrating competency as determined by the Director of International Studies in consultation with the appropriate faculty in the Department of English and Foreign Languages. If a 3000-level conversation course is included in these 6 hours it will also satisfy COLAEHD's oral competency requirement. If a conversation course is not included, students should include in Electives a course that fulfills the oral competency requirement for majors in any relevant discipline.
- Students pursuing Regional concentrations must take POLI 2600; students pursuing Thematic concentrations must take POLI 2700.
- The 24 total hours of course work taken in the concentration must be divided between at least three disciplines and should include at least three but no more than six hours of internship in the appropriate area. At least 12 of the 24 hours taken in the concentration must be at the 2000-level or above. Some concentrations impose further requirements.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- SOC 1051 - Introductory Sociology - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- FORL 1002 **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or above

- POLI 2700 - Introduction to World Politics - **Credits: 3**

OR

- POLI 2600 - Intro Comparative Government - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS or Physical Science **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- FORL 2001 **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course 2000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- Arts **Credits: 3**
- FORL 2002 **Credits: 3**
- GEOG 2801 **Credits: 3**
OR
- POLI 2900 - Methods of Political Research - **Credits: 3**
OR
- SOC 2708 - Methods in Social Research - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 3000+ **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900 **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 3000+ **Credits: 3**
- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**

- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Literature **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900 **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Approved Elective **Credits: 3**
- Approved Elective **Credits: 3**
- Approved Elective **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Concentration Requirements

Students may choose a concentration from:

- Africana Studies Concentration
- Asian Studies Concentration
- European Studies Concentration
- Latin American & Caribbean Studies Concentration
- Diplomacy & International Organizations Concentration
- Environmental Issues & Policies Concentration
- Ethnicity, Nationalism, & Migration Concentration
- Peace & Justice Studies Concentration

International Studies, International Business Option, B.A.

The Bachelor of Arts in International Studies offers a business track for students seeking a degree program combining a broad-based liberal arts core curriculum with course work in Accounting, Marketing, Finance, Economics, Management, and Business Administration. This program prepares students for careers with international corporations, government agencies, and non-governmental and non-profit agencies that seek professionals with business and financial training, proficiency in at least one foreign language, and a general education in global and cultural issues.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- SOC 1051 - Introductory Sociology - **Credits: 3**
- POLI 2700 - Introduction to World Politics - **Credits: 3**

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- Culture Course **Credits: 3**⁴
- FORL 2001 **Credits: 3**
- FORL 2002 **Credits: 3**⁸
- Literature **Credits: 3**⁵

Total Credit Hours: 21

Course Requirements for Major

- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**
- FORL 3000-level (language/not lit) **Credits: 3**
- Foreign Language 3000- level (Language/not lit) **Credits: 3**

- Non-Western or Diplomatic HIST **Credits: 6**

Choose 6 Hours

- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
- POLI 4900 **Credits: 6**

Total Credit Hours: 30

Concentration/Option Requirements/Electives

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4306 - International Finance - **Credits: 3**
OR
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**⁷
OR
- BA 4048 - International Business Law - **Credits: 3**⁷
OR
- ACCT 4126 **Credits: 3**⁷
OR
- IS 4998 - Internship Internatnl Studies - **Credits: 3 - 6 (Variable)**
OR
- IS 4999 - Honors Internship IS - **Credits: 3 - 6 (Variable)**
- or other course approved by director of BAIS program
- Electives **Credits: 9**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- FTA (theatre/dance/film related course, FA or MUS)
- Any 2000-level or higher course in any discipline that treats culture, e.g., ANTH 2052
- Literature course may be in ENGL, FREN, or SPAN
- Non-Western History Option includes any 2000-level or higher HIST course with a non-U.S./non-European focus. (Note: Students with an area studies concentration should choose 6 hours unrelated to that area.) Diplomatic History Option includes any two of the following courses: HIST 4381, HIST 4570, HIST 4575, 4580, HIST 4581 or other course by the program director.
- Course has a prerequisite or requires departmental consent.
- All FORL courses should be in one language only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- SOC 1051 - Introductory Sociology - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
- POLI 2700 - Introduction to World Politics - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS or Physical Science **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 4**
- FORL 2001 **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course 2000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 2002 **Credits: 3**
- Arts **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 3000+ **Credits: 3**
- POLI Core Course **Credits: 3**
- ACCT 2200 **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 3000+ **Credits: 3**
- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**

- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Literature **Credits: 3**
- POLI Core Course **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**

- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4262 **Credits: 3**
OR
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**
OR
- BA 3048 **Credits: 3**¹
OR
- ACCT 4126 **Credits: 3**¹
OR
- IS 4998 - Internship Internatnl Studies - **Credits: 3 - 6 (Variable)**
OR
- IS 4999 - Honors Internship IS - **Credits: 3 - 6 (Variable)**
- or other approved course

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- Elective (Language recommended) **Credits: 3**
- Elective **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Course has a prerequisite or requires departmental consent.
- Required for all first-time full-time students.

International Studies/History Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in International Studies and the Master of Arts degree in History.

Justice Studies, PhD.

The interdisciplinary PhD in Justice Studies prepares students to advance justice in their communities and in broader society. Through training in empirical methods, theory, and scholarly synthesis, students develop the capacity to engage in critical dialogue that promotes justice. The program consists of core courses in justice theory and research methods; an individualized plan of study related to one of four concentrations; a comprehensive exam; and a prospectus, dissertation, and defense.

Learning Objectives

By completion of the PhD in Justice Studies, graduates will demonstrate:

- Knowledge of major theoretical frameworks around concepts of justice and injustice;
- Facility with diverse methods of research;
- Expertise in a selected area of justice;
- Capacity for advanced-level research in Justice Studies.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the program must provide a statement of purpose of 1,000 to 1,500 words outlining areas of interest and educational and career goals, as well as three letters of recommendation (academic preferred). The GRE is not required.

Degree Requirements

The PhD in Justice Studies requires a minimum of 57 credit hours of graduate-level coursework in the following areas:

- 12 credit hours of core courses with a grade of B or higher;
- 33 credit hours of elective graduate coursework, of which at least six hours are directly related to a "concentration" (criminal, educational, environmental, or social justice); and
- 12 credit hours of supervised dissertation research, resulting in a complete and defended prospectus and dissertation.

The general regulations and procedures governing programs leading to the Doctor of Philosophy, as explained elsewhere in the catalogue, will be followed.

Program of Study

The four core courses are taken sequentially and cover justice theories and research methods, respectively. Concentration coursework and other electives are selected from relevant existing courses offered throughout the university, subject to course availability, following an approved plan of study.

After completion of core and concentration requirements, the student is eligible to write and orally defend a comprehensive exam comprised of essay questions in the areas of justice theory, justice methods, and the concentration. A student who does not pass in all three areas may retake the exam one time in the area(s) needed.

Students who pass the comprehensive exam, advancing to candidacy, enroll in a three-credit course guiding creation of the prospectus, which serves as the proposal and first three chapters of the standard dissertation. Candidates then write and defend their prospectus, followed by the full dissertation, to a three-member committee.

Latin American, Caribbean, and Circum-Caribbean Studies Interdisciplinary Minor

Minor Requirements

The BAIS Program in the College of Liberal Arts, Education and Human Development administers the minor in Latin American and Caribbean Studies. The minor signifies that students have a basic and general understanding of this part of the world. Courses up to master's level in Spanish language. Classes in the social sciences, humanities, business, and science-all with a focus on Latin America and the Caribbean-are also on offered on a regular basis.

Machine Learning and Artificial Intelligence Graduate Certificate

The Graduate Certificate in Machine Learning and Artificial Intelligence is designed to rapidly produce graduate students who will be qualified for high-demand jobs in the Machine Learning (ML) and Artificial Intelligence (AI) areas.

Required Courses

- CSCI 6521 - Advanced Machine Learning I - **Credits: 3**
- CSCI 6522 - Advanced Machine Learning II - **Credits: 3**

Elective Courses (Choose 2)

- CSCI 6250 - Big Data Analytics and Systems - **Credits: 3**
- CSCI 6454 - Parallel & Sci Computing - **Credits: 3**
- CSCI 6633 - Computer Vision - **Credits: 3**
- CSCI 6634 - Data Visualization - **Credits: 3**
- CSCI 6645 - Planning Algorithms in AI - **Credits: 3**
- CSCI 6650 - Intelligent Agents - **Credits: 3**
- CSCI 6990 - Topics in Adv Comp Sci - **Credits: 3**

Management Minor

Minor Requirements

Students wishing to minor in management may do so by completing 18 credit hours in management courses at or above the 3000 level with a letter grade of C or better in each course.

Management, B.S.

Student Learning Outcomes

- Management graduates will understand and communicate basic management concepts and the role of managers within organizations and in the marketplace.
- Management graduates will possess the knowledge to define and implement ethical standards and policies of corporate social responsibility.
- Management graduates will understand the global nature of management and be able to strategically address the challenges of managing multinational enterprises.
- Management graduates will be able to apply theories and principles of organizational behavior to managerial decision-making.
- Management graduates will utilize information in the internal and external environment to formulate and implement a strategy that builds on the core competencies of the firm in order to demonstrate active management of an enterprise in a competitive environment.
- Management graduates will demonstrate the ability to give a coherent, understandable business presentation.
- Management graduates will understand how to utilize and integrate technology and information into managerial decision-making and operational processes. This will include applying qualitative and quantitative methods in the decision-making process.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²

- BIOS or same as Physical Science **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
OR
- BA 4056 - Business Planning - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- MANG Elective 3000-level or higher **Credits: 3**
- General Electives **Credits: 14**

Total Credit Hours: 51

Course Requirements for Major

- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**¹
- MANG 3402 - Operations and Systems Management - **Credits: 3**¹
- MANG 3778 - Management Information Systems - **Credits: 3**
- MANG 4424 - Leadership in Organizations - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**¹

- MANG 4710 - Innovation Management - **Credits: 3**
or
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
or
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**

- MANG Electives 3000 level or higher **Credits: 9**

Total Credit Hours: 30

Human Resource Concentration

Taken in place of the nine MANG 3000+ Electives in the Major Requirement

- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**¹
- MANG 4469 - Staffing & Developing HR - **Credits: 3**¹
- MANG 4470 - Employment Law for Managers - **Credits: 3**¹

Total Credit Hours: 9

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Additional Comments

The following courses can be used as MANG electives.

- BA 3056
- BA 3090 - Internship in Entrepreneurship - **Credits: 3**
- BA 3091 - Indep Study Entrepreneurship - **Credits: 3**
- BA 4056 - Business Planning - **Credits: 3**
- BA 4076

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- ARTS **Credits: 3**
- Social Sciences **Credits: 3**
- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**

- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**¹

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Humanities **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**¹
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 15

Second Term

- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- Elective **Credit: 1**

Total Credit Hours: 13

Second Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
OR
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
OR
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 4424 - Leadership in Organizations - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**¹

Total Credit Hours: 15

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Management/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Management and the Master of Business Administration degree.

Marketing Minor

Students wishing to minor in marketing may do so by completing 18 credit hours in marketing courses at or above the 3000 level with a letter grade of C or better in each course. The student must take:

Minor Requirements

- MKT 3501 - Principles of Marketing - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**
- And a minimum of four additional marketing courses at the 3000 or 4000 level.

Marketing, B.S.

Student Learning Outcomes

- Marketing graduates will understand and communicate basic marketing concepts and the role of marketing within organizations and in the marketplace. Particular emphasis is placed on concepts related to the 4 Ps (product, price, place, and promotion) and target markets.
- Marketing graduates will possess the knowledge to define and implement ethical standards and policies of social responsibility that will create enduring relationships between firms and their clients and work to the general benefit of society as a whole.
- Marketing graduates will understand the global nature of marketing and demonstrate mastery of appropriate measures to operate effectively in international settings.
- Marketing graduates will be able to use the marketing research process to define a problem/opportunity, design the research project, collect data, and analyze data for the purpose of making appropriate and actionable marketing decisions.
- Marketing graduates will be able to apply theories and principles of consumer behavior to marketing decision-making.
- Marketing graduates will synthesize information in the internal and external environment for marketing decision-making and formulate a marketing plan that aligns forces in the external environment with the core competencies of the firm.
- Marketing graduates will demonstrate active management of a marketing strategy in a competitive environment.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Business Elective **Credits: 3**
- Electives **Credits: 14**

Total Credit Hours: 51

Course Requirements for Major

- MKT 3501 - Principles of Marketing - **Credits: 3**¹
- MKT 3505 - Consumer Behavior - **Credits: 3**¹
- MKT 3510 - Intro to Marketing Research - **Credits: 3**¹
- MKT 3530 - Sales Management - **Credits: 3**
- OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MKT 4590 - Marketing Strategy - **Credits: 3**¹
- MKT Electives 3000 or higher **Credits: 9**
- Business Elective **Credits: 6**

Total Credit Hours: 30

Sales Concentration

- MKT 3515 - Personal Selling - **Credits: 3**¹

- MKT 3530 - Sales Management - **Credits: 3**¹
- MKT 3580 - Digital Marketing - **Credits: 3**¹

Total Credit Hours: 9

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- ARTS **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**

- MANG 2790 - Business Communication - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**¹

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Humanities **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MKT 3510 - Intro to Marketing Research - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
- OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Business Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MKT 4590 - Marketing Strategy - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Business Electives **Credits: 6**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Sales Concentration

The Concentration in Sales requires the completion of

- MKT 3515 - Personal Selling - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
- MKT 3580 - Digital Marketing - **Credits: 3**

Marketing/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Marketing and the Master of Business Administration degree.

Mathematics Minor

An undergraduate minor in mathematics may be obtained by completing at least 18 credit hours of mathematics courses at the 2000-level or higher with a grade of C or better in each course. Nine of the hours shall be at or above the 3000 level. At least nine credit hours must be taken at UNO.

Mathematics, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Mathematics.

Mathematics, B.S.

Student Learning Outcomes

Graduating mathematics majors will be able to:

- Analyze and solve basic problems requiring analytical skills.
- Analyze and solve fundamental problems requiring abstract analytical skills.
- Apply mathematical knowledge to other areas of science and engineering.
- Analyze and solve basic problems requiring statistical knowledge.
- Communicate knowledge through written work.
- Communicate knowledge through oral work.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2124 - Calculus II - **Credits: 4**^{2,7}

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- Foreign Language Sequence **Credits: 6**⁸
- Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**³

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
OR
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- Science Electives **Credits: 11-12**⁵
- General Electives **Credits: 25**

Total Credit Hours: 44

6

Course Requirements for Major

- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 4101 - Advanced Calculus - **Credits: 3**⁹
- MATH 4511 - Linear Algebra - **Credits: 3**
- Mathematics 3000+ **Credits: 6**
- Mathematics 4000+ **Credits: 9**
- MATH 3900 - Undergraduate Oral Examination - **Credits: 0**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**

Total Credit Hours: 37

Total Credit Hours Required: 120

- "C" or better required
- 6 credits of Math satisfy the general education requirements
- Check General Education Courses to confirm courses fulfilling this requirement.
- FTA (theatre/dance/film related course), FA or MUS
- At least 6 of these credits must not be mathematics courses in the College of Sciences. 6 credits can be engineering courses. 1 less credit is required if the student took CSCI 1581 and CSCI 1583 (rather than CSCI 1205.) The College of Sciences maintains a list of approved science electives. Note that many low level classes are not permitted.
- Includes 2 credits of Math listed in general education requirements section
- Students not adequately prepared to enter a calculus sequence must take appropriate pre-calculus courses without credit toward graduation. The mathematics department determines placement for mathematics classes.
- Foreign language must include a six hour sequence in one language. French, German, or Russian is recommended for students planning graduate studies.
- Students interested in graduate studies in mathematics are strongly advised to take MATH 4102.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- FORL 1001 **Credits: 3**
- Social Science Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 14

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- FORL 1002 **Credits: 3**
- Social Science Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
OR
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ARTS **Credits: 3**

Total Credit Hours: 17-18

Second Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- BIOS **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH 3000+ **Credits: 3**
- Science Elective **Credits: 3**
- Science Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MATH 4511 - Linear Algebra - **Credits: 3**
- MATH 3000+ **Credits: 3**
- Science Elective **Credits: 3**
- Free Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 4101 - Advanced Calculus - **Credits: 3**
- Science Elective **Credits: 2-3**
- Free Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 14-15

Second Term

- MATH 4000+ **Credits: 3**
- MATH 4000+ **Credits: 3**
- MATH 4000+ **Credits: 3**
- MATH 3900 - Undergraduate Oral Examination - **Credits: 0**
- Free Elective **Credits: 2**

Total Credit Hours: 11

Total Credit Hours Required 120

Concentration Requirements

- Actuarial Science Concentration

Mathematics, M.S.

The Department of Mathematics offers a program of study leading to the degree of Master of Science. The program is designed to provide a sound preparation for continued study toward a Doctor of Philosophy degree as well as prepare students for careers in business, government, industry, and teaching. The program provides courses for those interested in the modern applications of mathematics, the pure aspects of mathematics, or statistics, or actuarial mathematics.

The department also participates in the Doctor of Philosophy in Engineering and Applied Science (ENAS) program. Interested students should refer to the description of the ENAS program, admission criteria, and curricular requirements at the beginning of the Graduate Programs in Sciences section.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and/or area of specialty. Meanwhile, the student should be able to apply the presented theory and methodology to solve related practical problems.
- Graduate students will be able to construct and effectively present mathematics information and concepts visually and verbally through oral presentations.
- Graduate students will be able to explain mathematical concepts in technical writing to demonstrate their understanding of advanced concepts in areas related to their thesis research and/or area of specialty.

In addition to meeting the minimum standards for admission to the Graduate School,

applicants should prepare themselves by successfully completing an undergraduate program that includes the equivalent of at least MATH 2134 - Calculus III, and MATH 3511 - Intro to Linear Algebra. In addition, it is strongly recommended that students have taken the equivalent of the MATH 3512 - Introduction Abstract Algebra, MATH 4511 - Linear Algebra and MATH 4101 - Advanced Calculus. See Requirements below for more information. Applicants to the program are required to take the Graduate Record Examination (GRE) General Test. Successful applicants submit GRE scores with scores 150 or more on the Quantitative Reasoning and 140 or more on the Verbal Reasoning section.

Financial Aid

Graduate Assistantships are available to a limited number of qualified applicants. Students who would like to apply for a Graduate Assistantship should contact the Graduate Coordinator in the Mathematics Department.

Degree Requirements

The general regulations of the Graduate School, set forth elsewhere in this catalog, apply to the graduate program in mathematics. Any student who has been admitted to graduate study in mathematics but who has not completed the equivalent of MATH 4101 and MATH 4511 must take MATH 5101, and MATH 5511 as early as possible. (Note: MATH 5101 is required for graduation, but does not contribute towards graduate credit for the MS degree in mathematics. MATH 5511 counts towards graduate credit.)

The student must complete at least 18 hours of 6000-level courses in the Mathematics Department. Up to nine non-math hours can be used toward the degree and these courses must be math-oriented or direct applications of math and must be approved by the Graduate Advisory Committee of the mathematics department.

The student must obtain at least a 3.0 average in all graduate level courses, excluding Thesis Research, whether or not the course is offered for degree requirements. The student is given the choice of whether or not to write a Master's Degree Thesis. The total number of semester hours required is 36 for non-thesis option and 30 for the thesis option. Students who choose to write a thesis must give an oral presentation of the thesis with satisfactory performance. Students who choose the non-thesis option must give a satisfactory performance on a comprehensive examination that covers three math courses given for graduate credit.

The student is allowed to take the comprehensive examination up to two times. This exam is offered in April and November.

Mechanical Engineering, Accelerated Master's (BSME &MSE)

The BSME-MSE Accelerated Master's (AM) Degree offers the opportunity for outstanding Mechanical Engineering students who are still pursuing the Bachelor of Science in Mechanical Engineering (BSME) to begin earning credit toward the Master of Science in Engineering (MSE).

Requirements

BSME-MSE AM students must have a cumulative undergraduate GPA of at least **3.2** to be conditionally admitted into the MSE program. Students may not enroll in graduate courses until they have:

- completed all requirements for the Core Curriculum;
- completed a minimum of **90** hours of undergraduate work, including at least **18** hours of upper-level courses in the major; and
- been conditionally admitted to a master's program.

Conditional admission does not guarantee full admission to the program. Criteria for full admission to the MSE program are:

- Conferral of the BSME degree (student must file Application for Graduation for Bachelor's in **year 4**);
- Cumulative undergraduate GPA of **3.0**; and
- Satisfaction of all requirements for admission to the MSE program **prior to the start of year 5** (entrance test scores, statement of purpose, recommendations, etc.).

Guidelines

- An updated undergraduate plan of study, outlining all requirements for the BSME degree completion and listing the graduate courses that will be posted to

the baccalaureate transcript, must be approved by the student's academic advisor.

- Before an undergraduate BSME-MSE AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.

- **Graduate Coursework:**

- BSME-MSE AM students may apply a maximum of **6** graduate hours to the BSME degree. Graduate coursework in the following areas will not count in the BSME-MSE AM program toward the BSME degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other field-based placement, or thesis;
- Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of **3.00**. Graduate courses in which a GPA is less than **3.00** may be counted towards satisfaction of the BSME degree but not towards the MSE degree;
- To remain in an BSME-MSE AM degree program, the student must maintain at least a **3.00** overall GPA in graduate coursework.

- The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferable to the MSE degree and will show on both the graduate and undergraduate transcripts.
- The BSME degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
- If an AM student requests admission to any other master's program (or does not complete the MSE degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.

Mechanical Engineering, B.S.

Educational Objectives of the Mechanical Engineering Program

Consistent with the mission of the University and based on the needs of our constituents, the Department of Mechanical Engineering has adopted the following program educational objectives.

Graduates of the University of New Orleans Mechanical Engineering Program will:

- Advance professionally, either through employment or progress towards an advanced degree, by applying their technical knowledge and abilities.
- Attain positions of increasing responsibility through employing effective workplace skills and the professional practice of engineering.

Student Learning Outcomes

- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An ability to apply advanced mathematics, including multi-variate calculus and differential equations.
- An ability to apply thermal/fluids concepts to mechanical engineering practice.
- An ability to apply solid mechanics concepts to mechanical engineering practice.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2350 - Statics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 3501 - Basic Electrical Machinery - **Credits: 3**
- ENEE 3518 - Electrical Engr Laboratory - **Credits: 1**
- ENME 1781 - Computer Aided Engr Graphics - **Credits: 3**
- ENME 2711 - Mater & Process Lab - **Credits: 1**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENME 2785 - Intro Manufacturing - **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**

Total Credit Hours: 48

4

Course Requirements for Major

- ENGR 3090 **Credits: 1**
- ENME 3020 - Engineering Analysis - **Credits: 3**
OR
- MATH 3221 - Meth in Differential Equations - **Credits: 3**

- ENME 3711 - Thermal Sciences Lab - **Credits: 1**
 - ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
 - ENME 3720 - Fluid Mechanics - **Credits: 3**
 - ENME 4777 - Design Thermal-Fluid Systems - **Credits: 3**
 - ENME 3734 - Machine Elements - **Credits: 3**
 - ENME 4733 - Machine Design - **Credits: 3**
 - ENME 4754 - Mech Vibration - **Credits: 3**
 - ENME 3771 - Heat Transfer - **Credits: 3**
 - ENME 3776 - Intermed Engr Thermodynamics - **Credits: 3**
 - ENME 3780 - Intro to Comp Solid Mechanics - **Credits: 3**
- OR**
- ENME 4728 - Intro Computat Fluid Dynamics - **Credits: 3**
 - ENME Electives 3000+ **Credits: 6**
 - ENME 3735 - Mechanism Design - **Credits: 3**

Total Credit Hours: 39

Total Credit Hours Required: 126

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy listed in general education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in General Education requirements section

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- Social Science Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

¹

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**
 - MATH 2124 - Calculus II - **Credits: 4**
 - PHYS 1062 - Physics Sci Engr II - **Credits: 3**
 - PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
 - CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
 - ENME 1781 - Computer Aided Engr Graphics - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**

- ENCE 2350 - Statics - **Credits: 3**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**

Total Credit Hours: 15

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**
- ENME 2785 - Intro Manufacturing - **Credits: 3**
- ENME 2711 - Mater & Process Lab - **Credits: 1**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- MATH 3221 - Meth in Differential Equations - **Credits: 3**
OR
- ENME 3020 - Engineering Analysis - **Credits: 3**
- ENME 3720 - Fluid Mechanics - **Credits: 3**
- ENME 3776 - Intermed Engr Thermodynamics - **Credits: 3**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 3735 - Mechanism Design - **Credits: 3**
- ENME 3734 - Machine Elements - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENME 3771 - Heat Transfer - **Credits: 3**
- ENME 3780 - Intro to Comp Solid Mechanics - **Credits: 3**
OR
- ENME 4728 - Intro Computat Fluid Dynamics - **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- Biology Elective **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- ENEE 3518 - Electrical Engr Laboratory - **Credits: 1**
- ENEE 3501 - Basic Electrical Machinery - **Credits: 3**
- ENME 3711 - Thermal Sciences Lab - **Credits: 1**
- ENME Elective 3000+ **Credits: 3**
- ENME 4754 - Mech Vibration - **Credits: 3**
- ENGR 3090 **Credits:1**
- Literature Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENME 4777 - Design Thermal-Fluid Systems - **Credits: 3**
- ENME Elective 3000+ **Credits: 3**
- ENME 4733 - Machine Design - **Credits: 3**

- Arts Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 127

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in mechanical engineering degree which requires 126 credit hours.

Music Minor

Course Requirements

A minimum of 22 credit hours of music, with a grade of C or better in each course, is required for a Minor in Music.

Students must audition on their instrument or voice to be accepted into the Music Minor.

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**

Ensemble Credits: 2

Chosen in consultation with an advisor

Upper-level Music Electives Credits: 4

(No more than 1 credit may be ensemble.)

Music, Composition Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high-quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors enrolled in applied lessons are expected to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson

instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁸
OR
- FORL 1001 **Credits: 3**⁸
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

4

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**

- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁴
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
- Applied Composition **Credits: 18**
- Ensemble **Credits: 6**⁵
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Composition Concentration

- MUS 4101 - Contrapuntal Techniques - **Credits: 2**
- MUS 4102 - 20th Century Techniques - **Credits: 2**
- MUS 4105 - Advanced Orchestration - **Credits: 3**
- MUS Electives **Credits: 9**⁶
- MUS 3960 - Half Recital in Composition - **Credits: 0**⁷
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3112 - Conducting II - **Credits: 1**
- Applied Music **Credits: 6**⁹

Total Credit Hours: 24

Total Credit Hours Required: 126

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least six hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. At least two hours of ensemble must be at the 4000-level. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
- Nine hours must be non-ensemble, three of which must be at the 4000+ level. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- Students registered for Recital must be concurrently enrolled in applied composition. Satisfies oral competency requirements.
- Must complete nine credit hours in one language or twelve credit hours in two languages.
- To be selected from Applied Keyboard, Voice, Strings, Woodwinds, Brass, or Percussion. Students may choose three 2-credit or two 3-credit lessons in consultation with their major professor.

Four Year Plan of Study

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**²
- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁴

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- MUS 2800 **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
- MUS 2802 - Applied Composition - **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3801 - Applied Composition - **Credits: 3**
- MUS 4101 - Contrapuntal Techniques - **Credits: 2**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**³
- Foreign Language **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3802 - Applied Composition - **Credits: 3**
- MUS 4102 - 20th Century Techniques - **Credits: 2**
- Ensemble **Credits: 1**

- MUS Elective **Credits: 2**
- Literature (2000+) **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4105 - Advanced Orchestration - **Credits: 3**
- MUS 4111 - Conducting III - **Credits: 1**
- MUS 4801 - Applied Composition - **Credits: 3**
- Music Elective **Credits: 3**
- Science **Credits: 3**
- Social Science (3000+) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3960 - Half Recital in Composition - **Credits: 0**
- MUS 4802 - Applied Composition - **Credits: 3**
- Music Elective **Credits: 3**
- Music Elective **Credits: 3**
- Social Science (3000+) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 127

- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- Nine hours must be non-ensemble, three of which must be at 4000. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- Required for all first-time full-time students.

Music, Jazz Studies Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following

requirements:

- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁵
OR
- FORL 1001 **Credits: 3**⁵
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 2109 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2110 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2605 - Jazz Keyboard Class - **Credits: 1**
- MUS 2606 - Jazz Keyboard Class - **Credits: 1**⁴

- MUS 1003 - Early Jazz - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**
- MUS 4207 - Seminar in Jazz History - **Credits: 3**⁷
- Applied Music **Credits: 18**⁸
- Ensemble **Credits: 6**⁴
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Jazz Studies Concentration

- MUS 3705 - Jazz Improvisation - **Credits: 3**
- MUS 3706 - Jazz Improvisation - **Credits: 3**
- MUS 3990 - Full Recital - **Credits: 0**⁷
- MUS 4109 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS Electives **Credits: 6**³
- MUS 4110 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4705 - Advanced Jazz Improvisation I - **Credits: 3**
- MUS 4706 - Advanced Jazz Improvisation II - **Credits: 3**
- MUS 4806 **Credits: 3**

Total Credit Hours: 24

Total Credit Hours Required: 126

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be BIOS.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. At least two hours must be at the 3000+ level. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
- Must complete nine credit hours in one language or twelve credit hours in two languages.
- Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirements.

Four Year Plan of Study

1

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1** ¹
- Applied Music **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ³

Total Credit Hours: 17

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1003 - Early Jazz - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 1111 - Music Notation - **Credits: 1**
- Applied Music **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 2109 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2605 - Jazz Keyboard Class - **Credits: 1**
- MUS 3705 - Jazz Improvisation - **Credits: 3**
- MATH **Credits: 1**
- Science **Credits: 3**
- Social Science (1 or 2000) **Credits: 3** ²

Total Credit Hours: 17

Second Term

- MUS 1005 - Intro to Music Literature - **Credits: 3**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 2110 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2606 - Jazz Keyboard Class - **Credits: 1**
- MUS 3706 - Jazz Improvisation - **Credits: 3**
- Applied Music **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4109 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4705 - Advanced Jazz Improvisation I - **Credits: 3**
- Science **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**
- Foreign Language **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4110 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4706 - Advanced Jazz Improvisation II - **Credits: 3**
- MUS 4902 - University Jazz Band - **Credits: 1**
- Applied Music **Credits: 3**
- Foreign Language **Credits: 3**
- Social Science (3000) **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4807 - Jazz Arranging/Composition - **Credits: 2**
- MUS 4902 - University Jazz Band - **Credits: 1**
- Applied Music **Credits: 3**
- Foreign Language **Credits: 3**
- Literature (2000+) **Credits: 3**
- Social Science (3000) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**
- MUS 4207 - Seminar in Jazz History - **Credits: 3**
- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 127

- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level, thereby fulfilling two requirements at once. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required..
- Required for all first-time full-time students.

Music, M.M.

Program Overview:

The Department of Music offers the Master of Music degree with concentrations in Composition, Conducting (Choral or Instrumental), Jazz Studies, and Performances. The program of study requires a minimum of 33 graduate credit hours to include course work in the applied area, music theory, music history, electives in music, and participation in the graduate colloquium every semester of study. In addition all students must complete a graduate recital (Conducting, Jazz Studies, Performance) or a half recital plus thesis (Composition).

Student Learning Outcomes

- Students will demonstrate advanced skills of artistic self-expression and knowledge of repertoire through the creation of high quality music.
- Students will demonstrate the ability to employ research methodology appropriate for the advanced study of music in order to synthesize its historical and theoretical contexts.
- Students will demonstrate skills requisite for advanced aural, verbal, and visual analyses of music.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants will need to provide an audition and interview are required. A person may be admitted as a non-degree seeking students and then change majors once the audition requirement is fulfilled. However, students with non-degree status are ineligible for financial aid.

Degree Requirements

- Completion of the Master of Music degree requires a minimum of 33 hours.
- At the end of the program, each student must successfully present a graduate recital appropriate for his or her concentrating.
- Students in the Composition concentration will also submit a large-scale original composition or a portfolio of shorter original compositions to the graduate school to complete the thesis component of this concentration.
- No thesis is required for students in the Conducting, Jazz Studies, or Performance concentrations.
- All courses are selected with the approval of the major advisor.
- Students must pass both written and oral comprehensive examinations during their final semester of study.
- Students are encouraged to participate in ensembles each semester of attendance. However, only 3 credits will apply toward degree requirements.

Core Curriculum

- MUS 6200 - Music Research Methods & Mater - **Credits: 3**
- Music History and/or Music Theory **Credits: 9**

(A Minimum of 3 Credits in Each Area)

- Applied Lessons **Credits: 9**
- MUS 6990 - Graduate Recital - **Credits: 3** (Conducting, Jazz Studies, Performance)
OR
- MUS 6950 - Half Recital - **Credits: 1**
- MUS 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** (Composition Only)
- Graduate Colloquium (Must be taken and passed every semester of study) **Credits: 0**
- Total core requirements **Credits: 24**
- Music Electives (selected from 5000- and 6000-level courses in consultation with major advisor) **Credits: 9**

Total Credit Hours for Degree: 33

Recommended courses of study for each concentration are available on the Music Department website at <http://www.music.uno.edu/>

Financial Aid

A limited number of graduate assistantships and scholarships are available to qualified students enrolling in the Master of Music degree program.

Music, Music Studies Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.

- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Education Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- Arts **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

- FORL 2001 **Credits: 3**

OR

- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**¹¹

- General Electives **Credits: 12-15**

Total Credit Hours: 27

Course Requirements for Major

5

- MUS 1005 - Intro to Music Literature - **Credits: 3**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁵
- MUS 2101 - Music Theory III - **Credits: 3**⁸
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**

- MUS 3212 - Music History II - **Credits: 3**
OR

- MUS 2006 - Jazz History - **Credits: 3**⁹
OR

- MUS 1003 - Early Jazz - **Credits: 3**⁹

- MUS 1900 - Student Recital - **Credits: 0**

- Ensemble **Credits: 6**⁶

Total Credit Hours: 36

Music Studies Concentration

- MUS 4150 - Senior Project - **Credits: 0**
OR

- MUS 3950 - Half Recital in Performance - **Credits: 0**¹⁰

- MUS Electives **Credits: 18**⁷

Total Credit Hours: 18

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be biology.
- Fine Arts or Drama
- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled

in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.

- To include no more than twelve hours applied lessons and no more than three hours ensemble beyond the requirements for the degree. Eleven-fourteen hours at the 3000+ level must be taken at UNO. Elective hours must include three hours 4000+.
- Student may substitute the jazz theory sequence of MUS 2109, 2110, 2605 and 2606. Permission of jazz area required.
- Students may use MUS 1003 or MUS 2006 to meet the music history requirement, but not both.
- Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirements.
- Must complete nine credit hours in one language or twelve credit hours in two languages.

Four Year Plan of Study

1

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**¹
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**

- UNIV 1001 - University Success - **Credits: 1**⁴

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**²
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1116 **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 2**³
- Social Science **Credits: 3**

Total Credit Hours: 13

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**

- Ensemble **Credits: 1**
- Music Elective **Credits: 2**
- Social Science **Credits: 3**
- Biology **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**
- MUS Elective **Credits: 2**
- Fine Arts **Credits: 3**
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- Social Science (2000+) **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- Music Elective **Credits: 6**
- Foreign Language **Credits: 3**
- Literature (2000+) **Credits: 3**
- 3000+ Elective non-music **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4150 - Senior Project - **Credits: 0**
- Music Elective (4000+) **Credits: 3**
- Social Science (2000+) **Credits: 3**
- Literature (2000+) **Credits: 3**
- 3000+ Elective non-music **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120/122

- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- If MUS 2201 and MUS 2202 are both completed, MUS 1005 requirement is waived and student may add 3 music elective credits.
- May include up to four semesters applied lessons, by audition only. Only three additional hours of ensemble may be applied to the degree. Nine hours must be 3000+, not ensemble. The 18/21 hours must include minimum 3 hours 4000+.
- Required for all first-time full-time students.

Music, Performance Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁷
- OR
- FORL 1001 **Credits: 3**⁷
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

4

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁴
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
- Applied Music **Credits: 18**¹¹
- Ensemble **Credits: 6**⁵
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Performance Concentration

- MUS 4901 - Chamber Ensemble - **Credits: 1**¹⁰
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3950 - Half Recital in Performance - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**⁸
- MUS 4310 - Vocal Pedagogy - **Credits: 2**
- OR

- MUS 4311 - Piano Pedagogy - **Credits: 2**
OR
- MUS 4312 - Instrumental Music Pedagogy - **Credits: 2**⁹
- Applied Music **Credits: 6**
- Music Electives **Credits: 12**⁶

Total Credit Hours: 24

Total Credit Hours Required: 126

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least six hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be biology.
- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
- For instrumentalists, nine hours must be non-ensemble, and three must be at the 4000+ level. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation. For vocalists, nine hours must be non-ensemble, and three must be at the 4000+ level. Four hours must be in diction and/or repertoire courses and three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- Must complete nine credit hours in one language or six credit hours in two languages.
- Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirement.
- For vocalists, MUS 4310 required. For instrumentalists, MUS 4312 required. For keyboardists, MUS 4311 required.
- Vocal majors may substitute two hours of music electives at the 3000+ level in place of chamber music.

Four Year Plan of Study

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**²
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁷

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Math **Credits: 3**
- Foreign Language **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Math **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3111 - Conducting I - **Credits: 1**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**^{3,4}
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1901 - Chamber Ensemble - **Credits: 1**⁵
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3950 - Half Recital in Performance - **Credits: 0**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Science **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1901 - Chamber Ensemble - **Credits: 1**
- MUS 4310 - Vocal Pedagogy - **Credits: 2**
OR
- MUS 4311 - Piano Pedagogy - **Credits: 2**
OR

- MUS 4312 - Instrumental Music Pedagogy - **Credits: 2**⁶
- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Science **Credits: 3**
- Social Science (3000+) **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**
- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Music Elective **Credits: 3**
- Social Science (3000+) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 127

- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- For instrumentalists, nine hours must be non-ensemble, three of which must be at 4000. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- For vocalists, nine hours must be non-ensemble, three of which must be at 4000. Four hours must be in diction and/or repertoire courses and three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- May not be used in to fulfill ensemble requirements under Curricula in Music. Vocal majors may substitute two hours of music electives in place of chamber ensemble.
- For vocalists, MUS 4310 is required. For instrumentalists, MUS 4312 is required. For key boardists, MUS 4311 is required.
- Required for all first-time full-time students.

Naval Architecture and Marine Engineering, Accelerated Master's (BSNAME & MSE)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Naval Architecture and Marine Engineering degree and a Master of Science in Engineering degree.

Naval Architecture and Marine Engineering, B.S.

Educational Objectives of the Naval Architecture and Marine Engineering Program

The two principal constituencies of the School of NAME to which the above mission is directed are

- the maritime industry, and
- students

Although the industry constituency encompasses the marine industry nationally, its primary target is the shipbuilding and offshore industry in the State of Louisiana and the extended Gulf Coast region. The industry constituency is considered to include an alumni sub-constituency, as essentially the entire active alumni group is composed of industry professionals.

Graduates of the School of NAME BS program are to be recognized as well educated engineers consistently demonstrating exemplary professional capabilities. The graduates are to have demonstrated the ability to direct, supervise, and make important decisions regarding the design and engineering of problems based on engineering fundamentals and modern technological tools. Graduates of the program are to have demonstrated the maturity and knowledge

needed for participating in the leadership of the advancement of the NAME field.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An ability to apply probability and statistical methods to naval architecture and marine engineering problems.
- A basic knowledge of fluid mechanics, dynamics, structural mechanics, material properties, hydrostatics, and energy/propulsion systems in the context of marine vehicles
- A familiarity of instrumentation appropriate to naval architecture and marine engineering.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**²
- MATH 2124 - Calculus II - **Credits: 4**²

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- PHIL 2201 - Ethics - **Credits: 3**

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**⁴

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
 - ENCE 2350 - Statics - **Credits: 3**
 - ENCE 2351 - Mechanics of Materials - **Credits: 3**
 - ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
 - ENEE 2550 - Circuits I - **Credits: 3**
 - ENGR 3090 **Credits: 1**
 - ENME 2740 - Structs & Prop of Materials - **Credits: 3**
 - ENME 2750 - Dynamics - **Credits: 3**
 - ENME 2770 - Engineering Thermodynamics - **Credits: 3**
 - ENME 3020 - Engineering Analysis - **Credits: 3**
- OR**
- MATH 3221 - Meth in Differential Equations - **Credits: 3**
 - ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
 - ENME 3720 - Fluid Mechanics - **Credits: 3**
 - MATH 2134 - Calculus III - **Credits: 4**
 - MATH 2221 - Elem Differential Equations - **Credits: 3**
 - NAME 1170 - Intro to Naval Arch - **Credits: 3**
 - NAME 1175 - Naval Arch Lab - **Credits: 2**
 - NAME 2130 - Intro to Marine Eng - **Credits: 3**
 - NAME 2160 - Hydrostatics and Stability - **Credits: 3**
 - PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
 - PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 52

3

Course Requirements for Major

- NAME 3120 - Ship Hull Strength - **Credits: 3**
- NAME 3131 - Marine Engines - **Credits: 3**
- NAME 3135 - Marine Electromech - **Credits: 3**
- NAME 3150 - Ship Resistance & Propulsion - **Credits: 3**
- NAME 3155 - Mar Hydro Lab - **Credits: 1**
- NAME 3160 - Offshore & Ship Dynamics I - **Credits: 3**
- NAME 3171 - Marine Design Methods - **Credits: 3**
- NAME 4170 - Marine Design - **Credits: 3**
- NAME 4175 - Marine Design Project - **Credits: 3**
- NAME 4000-Level Electives **Credits: 12**

Total Credit Hours: 37

Total Credit Hours Required: 128

Students have to achieve a grade of "C" or better in all prerequisites to 1000-level, 2000- level and 3000-level NAME courses to NAME 4170.

- "C" or better required
- 6 credits of Math satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in general education requirements section
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- NAME 1170 - Intro to Naval Arch - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- ENCE 2350 - Statics - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- NAME 1175 - Naval Arch Lab - **Credits: 2**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- NAME 2160 - Hydrostatics and Stability - **Credits: 3**

Total Credit Hours: 16

Second Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**
- NAME 2130 - Intro to Marine Eng - **Credits: 3**
- ENME 3720 - Fluid Mechanics - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- Art Elective **Credits: 3**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

- ENME 3020 - Engineering Analysis - **Credits: 3**
- **OR**
- MATH 3221 - Meth in Differential Equations - **Credits: 3**

- NAME 3120 - Ship Hull Strength - **Credits: 3**
- NAME 3150 - Ship Resistance & Propulsion - **Credits: 3**

Total Credit Hours: 18

Second Term

- ENEE 2550 - Circuits I - **Credits: 3**
- ENGL Literature Elective **Credits: 3**
- NAME 3131 - Marine Engines - **Credits: 3**
- NAME 3155 - Mar Hydro Lab - **Credits: 1**
- NAME 3160 - Offshore & Ship Dynamics I - **Credits: 3**

- NAME 3171 - Marine Design Methods - **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- ENGR 3090 **Credits: 1**
- NAME 3135 - Marine Electromech - **Credits: 3**
- NAME 4170 - Marine Design - **Credits: 3**
- NAME 4000-level Electives **Credits: 6**
- PHIL 2201 - Ethics - **Credits: 3**

Total Credit Hours: 16

Second Term

- Biology Elective **Credits: 3**
- NAME 4175 - Marine Design Project - **Credits: 3**
- NAME 4000-level Electives **Credits: 6**
- Social Science Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 129

- UNIV 1001 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in Naval Architecture and Marine Engineering degree which requires 128 credit hours.

Philosophy Minor

Minor Requirements

A minimum of 18 credit hours of Philosophy, with a grade-point average of at least 2.0, is required for a Minor in Philosophy. At least 50% of the hours must be in courses numbered 3000 or above; another six hours must be in courses numbered 2000 or above. Minors in philosophy are also required to complete at least one course in each of three of the four central areas of philosophy, as defined in the requirements for majors.

Philosophy, B.A.

Student Learning Outcomes

- Philosophy majors will be capable of reading both primary and secondary texts, analyzing the arguments contained in them correctly, and developing cogent philosophical arguments in defense of their own claims.
- Philosophy majors will demonstrate a willingness to entertain criticism, the ability to formulate and reply to reasoned objections, and the ability to present opposing views critically, yet sympathetically.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of Logic.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of Value Theory.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of History of Philosophy.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core areas of Metaphysics & Epistemology.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**²

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- FORL 1001 **Credits: 3**¹
- FORL 1002 **Credits: 3**¹
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 24-27**
- PHIL 1101 - Introduction to Logic - **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits 3**

- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**
- HIST Elective **Credits: 3**

Total Credit Hours: 51

Course Requirements for Major

- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- PHIL Electives **Credits: 14**
- PHIL 3000+ **Credits: 15**

Total Credit Hours: 30

8

Total Credit Hours Required: 120

- Must complete nine credit hours in one language or six credit hours in two languages.
- "C" or better required.
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- A minimum of 33 credit hours of PHIL courses, including at least 15 in courses numbered above 3001, is required for the major in philosophy. Not more than six hours of 1000-level courses will be allowed to count toward this 33-hour total.
- Majors are required to take PHIL 3030 during their senior year.
- No more than two 1000-level courses may count among the required 33 credit hours in PHIL courses and each student must complete at least one course in Metaphysics/Epistemology (any PHIL course whose second digit is a "4") may be waived. In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department. Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- PHIL Elective **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- FORL 1002 **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher

- PHIL Elective **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- PHIL Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Arts **Credits: 3**
- Social Science 2000+ **Credits: 3**
- PHIL Elective **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHIL Elective **Credits: 2**
- PHIL 3000+ **Credits: 3**
- Physical Science **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Elective **Credits: 4**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Electives **Credits: 9**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHIL 3000+ **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Philosophy, Pre-Law Concentration, B.A.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3²**

Mathematics

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- FORL 1001 **Credits: 3**¹
- FORL 1002 **Credits: 3**¹
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- PHIL 1101 - Introduction to Logic - **Credits: 3**
- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits 3**
- Social Science Electives 2000+. **Credits: 6**
- English Literature Elective **Credits: 3**
- History Elective **Credits: 3**
- Non-PHIL Electives 3000+ **Credits: 6**
- Free electives **Credits: 27**

Total Credit Hours: 51

Course Requirements for Major

- PHIL 2311 - Hist Ancient & Medieval Phil - **Credits: 3**
- PHIL 2215 - Social & Political Philosophy - **Credits: 3**
OR
- PHIL 2207 - Philosophy of Law - **Credits: 3**
- PHIL Electives 3000+ **Credits: 11**
- PHIL 2201 - Ethics - **Credits: 3**
- PHIL 2312 - History Modern Philosophy - **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**

Two from

- PHIL 3094 **Credits: 3**²
- PHIL 3095 **Credits: 3**²
- PHIL 3101 - Advanced Logic - **Credits: 3**
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- PHIL 4201 - Advanced Ethics - **Credits: 3**
- PHIL 4205 - Environmental Ethics - **Credits: 3**
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- Must complete nine credit hours in one language or six credit hours in two languages.
- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
- Up to 3 credit hours can be substituted for an appropriate elective outside of philosophy.
- No more than two 1000-level courses may count among the required 30 PHIL credit hours and each student must complete at least one course in Metaphysics/Epistemology ('-4--').
- PHIL 3094: Directed Readings in Philosophy and/or PHIL 3095: Special Topics in Philosophy may be taken by department permission to satisfy this requirement when the topic of PHIL 3094 or PHIL 3095 is connected with legal philosophy, social philosophy, political philosophy, ethics, logic, or some other topic determined by the department to be relevant to this concentration.
- No more than two 1000-level courses may count among the required 33 credit hours in PHIL courses and each student must complete at least one course in Metaphysics/Epistemology (any PHIL course whose second digit is a "4")

In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department.

Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- PHIL 1101 - Introduction to Logic - **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR

- MATH 1116 **Credits: 3** or higher
- PHIL 2201 - Ethics - **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- POLI 2051 **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- PHIL 2311 - Hist Ancient & Medieval Phil - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Arts **Credits: 3**
- POLI 2200 - U.S. Courts and Judges - **Credits: 3**
- PHIL 2312 - History Modern Philosophy - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHIL 2207 - Philosophy of Law - **Credits: 3**
OR
- PHIL 2215 - Social & Political Philosophy - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Physical Science **Credits: 3**

- POLI 4410 - American Constitutional Law - **Credits: 3**
OR
- POLI 4420 - Am Const & Civil Liberties - **Credits: 3**
OR
- POLI 4440 - Urban Judicial Process - **Credits: 3**
OR
- POLI 4640 - US Congress & People - **Credits: 3**
OR
- POLI 4860 - International Law - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- PHIL 3094 **Credits: 3**
OR
- PHIL 3095 **Credits: 3**
OR
- PHIL 3101 - Advanced Logic - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 4201 - Advanced Ethics - **Credits: 3**
OR
- PHIL 4205 - Environmental Ethics - **Credits: 3**
OR

- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHIL 3094 **Credits: 3**
OR
- PHIL 3095 **Credits: 3**
OR
- PHIL 3101 - Advanced Logic - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 4201 - Advanced Ethics - **Credits: 3**
OR
- PHIL 4205 - Environmental Ethics - **Credits: 3**
OR
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Philosophy, Public Policy, Ethics and Law Concentration, B.A.

General Education Requirements

Select General Education Requirements from the General Education Menu

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**¹
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- Mathematics - **Credits: 6**

Sciences

- BIOS Elective ⁴ - **Credits: 3**
- Physical Science Elective ⁴ - **Credits: 3**
- BIOS Elective or Elective from same Physical Science ⁴ - **Credits: 3**

Humanities

- FORL 1001 ¹ - **Credits: 3**
- FORL 1002¹ - **Credits: 3**
- English Literature Elective - **Credits: 3**

Arts

- Arts Elective ⁵ - **Credits: 3**

Social Sciences

- Social Science Electives ³ - **Credits: 6**

Major Requirements

- PHIL 1050 - Analytical Reasoning - **Credits: 3**
OR
- PHIL 1101 - Introduction to Logic - **Credits: 3**
- PHIL 2201 - Ethics - **Credits: 3**
- PPEL 3000 - Foundations of Public Policy, Ethics, and Law - **Credits: 3**
- PPEL 3900 - Current Topics in Public Policy, Ethics, and Law - **Credits: 3**
- PPEI 3910 - Public Policy, Ethics, and Law Capstone - **Credits: 3** ⁶
- Philosophy Elective 4000-level ⁸ - **Credits: 3**
- Philosophy Elective 3000-level ⁸ - **Credits: 3**
- Philosophy Elective 3/4000-level ⁸ - **Credits: 3**
- Philosophy Electives ⁷ - **Credits: 6**

Other Requirements

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**
- POLI 2900 - Methods of Political Research - **Credits: 3**
- FORL 2001/1001 ⁵ - **Credits: 3**
- English Literature Elective - **Credits: 3**
- Electives outside Major 3000+ - **Credits: 6**
- Electives - **Credits: 27**

Total Credit Hours: 120

- Must complete nine credit hours in one language or six credit hours in two languages
- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN). Check General Education Courses to confirm what courses fulfill this requirement
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement
- With the approval of the Director of the University Honors Program, honors thesis/project graduation requirements can be satisfied by student work in 3910.
- 3 credit hours may be substituted with a relevant course from another department with the permission of the chair.
- Electives must be from PHIL 3580 through 3599 or PHIL 4580 through 4599.

In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department.

Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
 - Math 1031, Math 1115, or higher **Credits: 3**
 - POLI 2151 - US Govt & Politics - **Credits: 3**
 - PHIL 1101 - Introduction to Logic - **Credits: 3**
 - PHIL 2201 - Ethics - **Credits: 3**
 - UNIV 1001 - University Success - **Credits: 1**
- Total Hours: 16**

Second Term

- ENGL 1158 or ENGL 1159 **Credits: 3**
 - MATH 1032 or higher **Credits: 3**
 - Foreign Language 1001 **Credits: 3**
 - ECON 1203 - Principles of Microeconomics - **Credits: 3**
 - PPEL 3000 - Foundations of Public Policy, Ethics, and Law - **Credits: 3**
- Total Hours: 15**

Second Year of Enrollment

First Term

- Gen Ed Biology **Credits: 3**
 - Foreign Language 1002 **Credits: 3**
 - Gen Ed Literature **Credits: 3**
 - POLI 2900 - Methods of Political Research - **Credits: 3**
 - Philosophy elective **Credits: 3**
- Total Hours: 15**

Second Term

- Gen Ed Biology or Physical Science **Credits: 3**
 - Foreign Language 2001 **Credits: 3**
 - Literature elective **Credits: 3**
 - Gen Ed Arts **Credits: 3**
 - PPEL 3900 - Current Topics in Public Policy, Ethics, and Law - **Credits: 3**
- Total Hours: 15**

Third Year of Enrollment

First Term

- Gen Ed Physical Science **Credits: 3**
 - Philosophy elective **Credits: 3**
 - Philosophy 3000+ elective **Credits: 3**
 - Electives **Credits: 6**
- Total Hours: 15**

Second Term

- Non-Philosophy 3000+ elective **Credits: 3**
 - Philosophy elective **Credits: 3**
 - Philosophy 3000+ elective **Credits: 3**
 - Electives **Credits: 6**
- Total Hours: 15**

Fourth Year of Enrollment

First Term

- Non-Philosophy 3000+ elective **Credits: 3**
 - Philosophy 3000+ elective **Credits: 3**
 - Electives **Credits: 9**
- Total Hours: 15**

Second Term

- PPEI 3910 - Public Policy, Ethics, and Law Capstone - **Credits: 3**
 - Electives **Credits: 12**
- Total Hours: 15**

Total Credit Hours: 120

Physics Minor

An undergraduate minor in physics may be obtained by completing 18 credit hours in physics with a grade of C or better in each course.

Minor Requirements

These 18 credit hours will consist of

- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
OR
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1032 - General Physics II - **Credits: 3**
OR
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1034 - General Physics Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
or departmentally-approved alternatives.
The last nine hours must be taken at UNO.

Physics, Accelerated Masters (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Physics and the Master of Science degree in Physics.

Physics, B.S.

Student Learning Outcomes

- Demonstrate knowledge and understanding of fundamental principles of physics including classical and quantum mechanics, electricity and magnetism, and thermodynamics.
- Demonstrate the ability to apply fundamental principles of physics in a variety of advanced topics such as condensed matter, materials science, signals analysis, optics, and computational physics.
- Demonstrate an ability to work effectively in a research environment, including the use of instrumentation and computer, experimental design, and analysis of results.

- Develop problem-solving skills using mathematical and computational tools as applied to the solution of physical problems.
- Collaborate effectively and productively in teams for research and applications of physics.
- Effectively communicate physics in both written and oral form.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**⁵
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**⁵

Humanities

- Humanities Electives **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences Electives **Credits: 6**²

Arts

- Arts Elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**

- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
OR
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- MATH Elective 3000+ level **Credits: 3**
OR
- PHYS 4201 - Introd Mathematical Physics - **Credits: 3**
OR
- PHYS 4205 - Applications Fourier Transform - **Credits: 3**
- Applied Science and Engineering Electives **Credits: 12**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- Electives **Credits: 16**

Total Credit Hours: 51

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Course Requirements for Major

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1** ⁵
- PHYS 3064 - Modern Physics - **Credits: 3**
- Physics Undergraduate Research **Credits: 3** ⁶
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4211 - Intro to Computational Physics - **Credits: 3**
- PHYS 4160 - Advanced Laboratory - **Credits: 3**
- OR
- PHYS 4902 - Materials Science Laboratory - **Credits: 3**
- PHYS 4401 - Quantum Mechanics I - **Credits: 3**
- PHYS 4601 - Thermodynamics & Stat Mechancs - **Credits: 3**
- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
- Approved PHYS 3000+ level Electives **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required.
- Check General Education Courses to confirm courses fulfilling this requirement.
- 6 credits of Math satisfy the general education requirements.
- Includes 2 credits of Math listed in general education requirements section.
- PHYS 1031, PHYS 1032, PHYS 1033, and PHYS 1034 may be substituted with consent of the department.
- Research may be any combination of PHYS 3094, PHYS 2191, PHYS 3191, or PHYS 4191 to a total three credit hours.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1** ¹
- Social Science Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- CHEM 1018 - General Chemistry II - **Credits: 3**
OR
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
OR
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2134 - Calculus III - **Credits: 4**
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
OR
- CSCI 1581 - Software Design Lab I - **Credits: 1**
OR
- CSCI 1583 - Software Design and Development I - **Credits: 3**
- Social Science Elective **Credits: 3**

Total Credit Hours: 14

Second Term

- PHYS 3064 - Modern Physics - **Credits: 3**
- Humanities Elective **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- BIOS **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4601 - Thermodynamics & Stat Mechancs - **Credits: 3**
- MATH or Mathematical Physics **Credits: 3**
- Humanities Electives **Credits: 3**
- General Electives **Credits: 3**

Total Credit Hours: 15

Second Term

- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
- PHYS 4160 - Advanced Laboratory - **Credits: 3**
- PHYS 3000+ level elective **Credits: 3**
- Arts **Credits: 3**
- General Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHYS 4401 - Quantum Mechanics I - **Credits: 3**
- Approved Science/Engineering Elective **Credits: 3**
- PHYS 3094 - Undergraduate Research - **Credits: 1 - 3 (Variable)**
- PHYS 3000+ level elective **Credits: 3**

- General elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Approved Science/Engineering Elective **Credits: 3**
- Approved Science/Engineering Elective **Credits: 3**
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- General Electives **Credits: 9**

Total Credit Hours: 16

Total Credit Hours Required: 120

Physics as a Career

Students wishing to pursue graduate school in physics should take additional physics courses including

- PHYS 4302 - Classical Mechanics II - **Credits: 3**
- PHYS 4402 - Quantum Mechanics II - **Credits: 3**
- PHYS 4503 - Electricity & Magnetism - **Credits: 3**
and 6 approved physics electives at the 4000 level.

Combining Physics with a Second Discipline

As a foundational science, physics combines well with many other subjects. The curriculum has the flexibility to allow a Minor in disciplines such as Education, Philosophy, Music, Math, Earth and Environmental Sciences, Electrical Engineering, Computer Science and other areas. Students may also choose to pursue a foundation in other areas that do not offer minors. Examples are: Pre-Med: add 5 hrs of Biology, 8 hours of organic Chemistry, 3 hours of Biochemistry, and 3 hours of Statistics to meet minimum med school requirements (see pre-med section of Biology for details). Other possibilities include Civil Engineering, Mechanical Engineering, Earth and Environmental Science (Geophysics), and other fields tailored to the student's interests.

Political Science Minor

Minor Requirements

Students must complete 18 credit hours in Political Science, including POLI 2151 and POLI 2600 or POLI 2700. The remaining twelve hours are to be chosen from Political Science courses at the 3000 level or above. A 2.0 average must be achieved in these courses in order to earn the Minor.

Political Science, B.A.

Student Learning Outcomes

- Graduates will have a basic understanding of political science, political processes, and the role of politics in social affairs.
- Students will demonstrate ability to quantitatively analyze political information.
- Graduates will have knowledge of politics outside the United States.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS Credits: 3³
- BIOS or Physical Science Credits: 6³

Humanities

- FORL 1001 Credits: 3
- FORL 1002 Credits: 3
- Literature Credits: 3

Social Sciences

- Social Sciences Credits: 6²

Arts

- Arts Elective Credits: 3⁴

Total Credit Hours: 39

Other Requirements

- Literature Credits: 3
- Foreign Language 2001/1002 Credits: (3 or 6)
- Social Science 2000+ Credits: 6
- Non-POLI electives 3000+ Credits: 6
- Electives Credits: 27-30⁷

Total Credit Hours: 48

(Total elective hours in other requirements of 27-30 and total hours of 48 pertains to the Political Science major with no concentration. When the pre-law concentration is added, the hour total is reduced by 3 hours.)

Course Requirements for Major

- POLI 2151 - US Govt & Politics - Credits: 3
- POLI 2600 - Intro Comparative Government - Credits: 3
OR
- POLI 2700 - Introduction to World Politics - Credits: 3

- POLI 2900 - Methods of Political Research - Credits: 3
- Political Science electives, 3000+ Credits: 9
- Political Science elective, any level Credit: 3

Total Credit Hours: 21

Political Science (No Concentration)

- Political Science Electives 3000+ Credits: 9⁷
- Political Science Elective, any level Credits: 3

Total Credit Hours: 12

Pre-Law Concentration

- POLI 2200 - U.S. Courts and Judges - **Credits: 3**
- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- ENGL 2155 - Intro to Professional Writing - **Credits: 3**
OR
- ENGL 4158 - Legal Writing - **Credits: 3**

Choose 3

- POLI 4170 - Politics of Public Policy - **Credits: 3**
- POLI 4410 - American Constitutional Law - **Credits: 3**
- POLI 4420 - Am Const & Civil Liberties - **Credits: 3**
- POLI 4440 - Urban Judicial Process - **Credits: 3**
- POLI 4630 - The U.S. Presidency - **Credits: 3**
- POLI 4640 - US Congress & People - **Credits: 3**
- POLI 4650 - Southern Politics - **Credits: 3**
- POLI 4670 - Women and Politics - **Credits: 3**
- POLI 4780 - Comparative Democratization - **Credits: 3**
- POLI 4820 - International Organization - **Credits: 3**
- POLI 4840 **Credits: 3**
- POLI 4860 - International Law - **Credits: 3**
- POLI 4870 - American Foreign Policy - **Credits: 3**
- POLI 4885 - Issues in Conflict & Diplomacy - **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120

- "C" or better required.
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science; 3 hours in another science. Select from BIOS, CHEM, EES, PHYS but either the 3 hour science or the 6-hour science sequence must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must complete nine credit hours in one language or six credit hours in two languages.
- See the list of Approved Electives for the College of Liberal Arts, Education and Human Development.

- Total elective hours in other requirements of 27-30 and total hours of 48 pertains to the Political Science major with no concentration. When the pre-law concentration is added, the hour total is reduced by 3 hours.

- At least one 3000 level or above political science course must be in US politics and at least one 3000+ political science course must be in Comparative Politics or International Relations.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- BIOS **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3** etc.
- POLI 1010 - Contemporary Issues Politics - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- Other Physical Science **Credits: 3**
- Other MATH **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- Other Physical Science **Credits: 3**

- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
- POLI 2700 - Introduction to World Politics - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Approved Arts **Credits: 3**
- Other Social Science or Humanities **Credits: 3**
- POLI Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Other Social Science or Humanities **Credits: 3**
- POLI 2900 - Methods of Political Research - **Credits: 3**
- Any POLI course at 3000+ level in US Politics **Credits: 3**
- Any POLI course at 3000+ level in International or Comparative **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Other Social Science or Humanities **Credits: 3**
- Any POLI course at 3000+ level **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Other Social Science or Humanities **Credits: 3**
- POLI Elective course at 3000+ level **Credits: 6**
- Electives **Credits: 3**

- POLI 4990 - Special Topics in Poli Science - **Credits: 3**

Total Credit Hours: 16

Second Term

- Electives **Credits: 13**

Total Credit Hours: 13

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Political Science, Pre-Law Concentration, Minor

Minor Requirements

Students must complete 18 credit hours in political science, including POLI 2151, and POLI 2600 or POLI 2700. The remaining 12 hours are to be chosen from POLI 2450, POLI 4410, POLI 4420, POLI 4440, POLI 4640, and POLI 4860. A 2.0 average must be achieved in these courses in order to earn the Minor.

Political Science/Public Administration, Accelerated Master's (BA & MPA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in Political Science and the Master of Public Administration degree.

Power and Energy Systems Undergraduate Certificate

Prerequisite Courses

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed next:

MATH 2114 Calculus I

MATH 2124 Calculus II

PHYS 1061 Physics for Science and Eng. I

PHYS 1062: Physics for Science and Eng. II

Requirement

- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 3521 - Electric Machinery - **Credits: 3**
- ENEE 3522 - Elec Power Systems - **Credits: 3**
- ENEE 3511 - Energy Conversion Laboratory - **Credits: 1**

Electives (Choose two)

- ENEE 4522 - Power System Planning & Design - **Credits: 3**
- ENEE 4526 - Protective Relaying Power Syst - **Credits: 3**
- ENEE 4543 - Power-Electronics - **Credits: 3**

If students choose ENEE 4534, they also need: ENEE 3540 Engineering Electronics, Credits 3

- ENEE 4096 - Undergraduate Ind Study - **Credits: 3**
(Renewable Energy Systems and Microgrids)

Program: Film and Theatre, M.F.A.: Screenwriting concentration

Program Overview:

The M.F.A. in Film and Theatre program provides professional training in areas of film and theatre arts through intensive, focused instruction that prepares students for advanced positions in their fields. Students apply and are admitted to one of five specializations: Film Production, Screenwriting, Theatre Design, Theatre Performance-Acting, and Theatre Performance-Directing.

Student Learning Outcomes:

- Develop a creative vision and apply appropriate stylistic choices
- Develop specific technical skills within the discipline and specialization
- Apply theory through written, oral, performative and/or cinematic form
- Identify and describe key concepts and trends related to various modes of production and performance

Admission Requirements:

In addition to meeting the minimum standards for admission to the Graduate School, an applicant is accepted for graduate work in film or theatre upon recommendation of the departmental graduate committee based upon a bachelor's degree in film or theatre or clearly demonstrated skills and creative ability in their field.

For Screenwriting: Applicants should submit a single-author feature screenplay (80-150 pages) or episodic teleplay writing of a minimum of 60 pages (a pilot episode, or several shorter episodes).

Core Requirements

- FTA 5110 - Scene Design - **Credits: 3**
- FTA 5500 - Film Development & Planning - **Credits: 3**
- FTA 5530 - Adv Proj in Film Production - **Credits: 3**
- FTA 5545 - Film Theory & Criticism - **Credits: 3**
- FTA 5566 - Sound I - **Credits: 3**
- FTA 6040 - Performance and Direction - **Credits: 3**
- FTA 6220 - Screenwriting for Production - **Credits: 3**
- FTA 6510 - Narr Film Prod - **Credits: 3**
- FTA 6511 - Equipment Lab - **Credits: 1**
- FTA 6520 - Narr Film Post Prod - **Credits: 3**
- FTA 6550 - Graduate Cinematography - **Credits: 3**
- FTA 6565 - Digital Theory Application - **Credits: 3**
- FTA 6580 - Directing the Narrative Film - **Credits: 3**
- FTA 6950 - Thesis Studio - **Credits: 3 - 6 (Variable)**
Take three times for a total of 9 credits.

Elective requirements

Select 5 of the following:

- FTA 5090 - Special Topics in FT - **Credits: 1**
- FTA 5093 - Special Topics in FT - **Credits: 1**
- FTA 5096 - Special Topics FT - **Credits: 3**
- FTA 5120 - Scene Painting - **Credits: 3**
- FTA 5125 - Dev. of Style and Form - **Credits: 3**
- FTA 5135 - Rendering Techniques - **Credits: 3**
- FTA 5140 - Costume Design - **Credits: 3**
- FTA 5150 - Development of Fashion - **Credits: 3**
- FTA 5160 - Lighting Crafts & Techniques - **Credits: 3**
- FTA 5170 - Lighting Design - **Credits: 3**

- FTA 5251 - Advanced Screenwriting - **Credits: 3**
- FTA 5300 - Advanced Voice for the Actor - **Credits: 3**
- FTA 5301 - Voice Stylization for Screen - **Credits: 3**
- FTA 5330 - Acting Styles - **Credits: 3**
- FTA 5333 - Combat Stage & Film - **Credits: 3**
- FTA 5380 - Stage Directing II - Advanced - **Credits: 3**
- FTA 5400 - Development of Theatre - **Credits: 3**
- FTA 5450 - Modern Theatre - **Credits: 3**
- FTA 5455 - Contemporary Theatre - **Credits: 3**
- FTA 5460 - Adv Documentary Production - **Credits: 3**
- FTA 5540 - History of Cinema I - **Credits: 3**
- FTA 5541 - History of Cinema II - **Credits: 3**
- FTA 5542 - History of Documentary Film - **Credits: 3**
- FTA 5551 - Spring Film Crew - **Credits: 1**
- FTA 5555 - Spring Film Production - **Credits: 3**
- FTA 5565 - Digitl Theory Appl Film/Video - **Credits: 3**
- FTA 5567 - Sound II - **Credits: 3**
- FTA 5568 - Special Topics Visual Effects - **Credits: 3**
- FTA 5570 - Advanced Film Acting - **Credits: 3**
- FTA 5575 - Advanced Film Postproduction - **Credits: 3**
- FTA 5580 - Film Directing - **Credits: 3**
- FTA 5591 - Film Styles & Genres - **Credits: 3**
- FTA 5600 - Producing - **Credits: 3**
- FTA 5830 - Advanced Stage Movement - **Credits: 3**
- FTA 5900 - Internship - **Credits: 3**
- FTA 6001 - Practicum in Production - **Credits: 3**
- FTA 6020 - Form & Idea in Media - **Credits: 3**
- FTA 6060 - Concept, Conflict & Character - **Credits: 3**
- FTA 6090 - Independent Study - **Credits: 3**
- FTA 6200 - Seminar in Playwriting - **Credits: 3**
- FTA 6220 - Screenwriting for Production - **Credits: 3**
- FTA 6240 - Writing the Thesis Script - **Credits: 3**
- FTA 6250 - Seminar in Screenwriting - **Credits: 3**
- FTA 6330 - Acting - **Credits: 3**
- FTA 6380 - Stage Directing - **Credits: 3**
- FTA 6560 - Direct Docum Film - **Credits: 3**
- FTA 6900 - Graduate Internship - **Credits: 3**

Psychology Minor

Minor Requirements

For an undergraduate minor in psychology, a minimum of 18 credit hours is required, including Psychology 1000 and at least three 3000-4000-level courses (nine hours). For a student transferring from another university, at least nine of the 18 hours must be earned at UNO. A student may not use credit in both PSYC 1500 and PSYC 1520 toward the minor. A grade of C or better in psychology courses must be achieved in order to have the minor listed on the student transcript.

Psychology, B.S.

Student Learning Outcomes

- Students will describe key concepts, principles, and overarching themes in psychology.
- Students will develop a working knowledge of psychology's content domains.
- Students will describe applications of psychology.
- Students will use scientific reasoning to interpret psychological phenomena.
- Students will demonstrate psychology information literacy.
- Students will engage in innovative and integrative thinking and problem solving.
- Students will interpret, design, and conduct basic psychological research.
- Students will incorporate sociocultural factors in scientific inquiry.
- Students will have developed ethically and socially responsible behaviors for professional and personal settings in a landscape that involves increasing diversity.
- Students will demonstrate competence in writing and in oral and interpersonal communication skills.
- Students will apply psychology-specific content and skills, effective self-reflection, project management skills, teamwork skills, and career preparation to

develop meaningful professional direction for life after graduation.

Curriculum in Psychology

The Psychology Department offers a Bachelor of Science in Psychology. Students must complete 30 hours with a grade of C or better in each course in their major; at least 15 of these hours must be earned at UNO. In addition, a grade of C or better is required in ENGL 1158 and each science and math course taken for degree credit.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**^{1,4}

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**²

Humanities

- FORL Sequence **Credits: 3**⁶
- Literature **Credits: 3**³

Social Sciences

- Social Science Electives **Credits: 6**³

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- CSCI 1000 - Introduction to Computers - **Credits: 3**
- Humanities Elective **Credits: 3**⁵
- Literature **Credits: 3**
- Science Labs **Credits: 2**⁷
- Science Electives **Credits: 6**
- Social Science Electives (2000+) **Credits: 6**⁶
- PSYC Electives **Credits: 9**⁸
- Free Electives **Credits: 19**

Total Credit Hours: 51

Course Requirements for Major

- PSYC 1000 - General Psychology - **Credits: 3**
- PSYC 2500 - Data Analysis in Psychology - **Credits: 3**
- PSYC 3300 - Research Methods and Statistic - **Credits: 3**
- Psychology Foundational Courses **Credits: 9**⁹
- Required Psychology Electives **Credits: 12**¹⁰
- PSYC 4000 - Psychology Comprehensive Exam - **Credits: 0**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and BIOS 1083 (recommended), or CHEM 1017 and CHEM 1018, or PHYS 1031 and PHYS 1032, or PHYS 1061 and PHYS 1062.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Credit is not allowed in both MATH 2314 and PSYC 2310.
- Humanities Electives - FTA, ENGL, Foreign Language, HIST, PHIL, or WGS.
- Social Science classes may include PSYC.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or PHYS 1033 and PHYS 1034, or PHYS 1063 and PHYS 1065.
- Elective hours of Psychology may be chosen from any course in PSYC not counted in the Major Requirements (including but not limited to PSYC 1520, PSYC 2091, PSYC 3090, PSYC 3095, PSYC 3099, PSYC 4091).
- Foundational courses must be chosen from PSYC 2100, PSYC 2340, PSYC 2380, PSYC 2400, and PSYC 3320. At least one course must be at the 3000 level.
- Required hours of Psychology must include three courses (9cr) must be at the 3000 level or above.

Additional Requirements

Minimum Grade of C in all psychology courses and MATH 2314.

Four Year Plan of Study

First Year of Enrollment

First Term

- UNIV 1001 - University Success - **Credits: 1**¹
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Foreign Language 1001 **Credits: 3**
- Social Science Elective **Credits: 3**²
- PSYC 1000 - General Psychology - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**³
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**⁴
- Foreign Language 1002 **Credits: 3**
- PSYC 2500 - Data Analysis in Psychology - **Credits: 3**
- 2000 Level Required Psychology **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- PSYC 3300 - Research Methods and Statistic - **Credits: 3**⁵
- PSYC 2000 - Foundations **Credits: 5**³
- Social Science Elective **Credits: 3**
- Arts⁵ or Humanities Elective⁷ **Credits: 3**
- Science Sequence (Lecture & Lab) **Credits: 4**^{6,8}

Total Credit Hours: 16

Second Term

- 2000 Level Psychology **Credits: 3**
- Social Science Elective - 2000+Level **Credits: 3**²
- Arts⁶ or Humanities Elective⁷ **Credits: 3**
- Literature **Credits: 3**
- Science Sequence (Lecture & Lab) **Credits: 4**^{6,8}

Total Credit Hours: 16

Third Year of Enrollment

First Term

- PSYC 3000 - Foundations **Credits: 3**⁵
- Social Science Elective 2000 level + **Credits: 3**²
- CSCI 1000 - Introduction to Computers - **Credits: 3**
- BIOS (or other Science) **Credits: 3**⁶
- Arts Elective **Credits: 3**⁴

Total Credit Hours: 15

Second Term

- PSYC 3000 level+ **Credits: 3**¹⁰
- Psychology Elective **Credits: 3**
- Science Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PSYC 4000 level elective **Credits: 3**¹⁰
- PSYC 3000+ elective **Credits: 3**¹⁰
- Science Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- PSYC 4000 - Psychology Comprehensive Exam - **Credits: 0**
- PSYC 3000+ elective **Credits: 3**¹⁰
- PSYC 3000+ elective **Credits: 3**¹⁰
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- May include Psychology.
- C" or better is required.
- Credit is not allowed in both MATH 2314 and PSYC 2310
- Required hours of Psychology must include three courses, meeting the following criteria: at least two courses must be at the 2000 level and one course must be at the 3000 level.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Humanities electives - FTA, ENGL, Foreign Language, HIS, PHIL, or WGS.
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS (3 credits) and the other must be CHEM, EES, or PHYS (. Select the 6 hour sequence from BIOS 1073 and BIOS 1083 (recommended), or CHEM 1017 and CHEM 1018, or PHYS 1031 or PHYS 1032, or PHYS 1061 and PHYS 1062.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or PHYS 1033 and PHYS 1034, or PHYS 1063 and PHYS 1065.
- Elective hours of Psychology may be chosen from any course in PSYC not counted in the Major Requirements (including but not limited to PSYC 1520, PSYC 2091, PSYC 3090, PSYC 3095, PSYC 3099, PSYC 4091).

Psychology, M.S.

The overall training goal of the department's graduate program is to produce well-trained applied scientists who, depending on their career goals, are capable of assisting clinical psychologists and working as a mental health professional.

Student Learning Outcomes:

- Graduate students who complete the MS degree will demonstrate competence in the empirical literature on the social, cognitive and affective basis of the science of psychology.
- Graduate students who complete the MS degree will demonstrate competence in the empirical literature on individual differences and the biological basis of the science of psychology.
- Graduate students who complete the MS degree will develop the ability to communicate psychological knowledge, develop and test hypotheses that advance or support current knowledge.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

the department's recommendation for admission is based on the student's performance on the Graduate Record Examination, letters of recommendation, and on the student's academic performance. The department may recommend full or conditional admission. If admitted on a conditional basis, the applicant must fulfill the conditions imposed by the department.

Degree Requirements

A minimum of 30 credit hours is necessary for the Master of Science degree, although some students may be required to take additional hours to remedy undergraduate training deficiencies or in order to meet particular career goals. Students may complete the M.S. while in progress toward the Ph.D. at UNO or as a terminal degree.

General Core:

Core courses are required for all graduate students. They include

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**

- PSYC 6050 - Sem in Professional Problems - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1** (two credit hours)
- PSYC 6350 - Advanced Learning - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**

Specialty Core

Each specialization or concentration requires the following as core:

Applied Developmental Psychology with Ph.D. Objective:

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
- PSYC 6101 - Fund Appl Dev Psychology I - **Credits: 3**
OR
- PSYC 6102 - Fund Appl Dev Psychology II - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1**
- PSYC 6610 - Measurement of Intelligence - **Credits: 3**
OR
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**

Applied Biopsychology with a Ph.D. Objective:

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1**
- PSYC 6801 - Fund Appl Biopsychology I - **Credits: 3**
- PSYC 6802 - Fund Appl Biopsychology II - **Credits: 3**
OR
- PSYC 6810 - Psychopharmacology - **Credits: 3**

Non-thesis Applied M.S. Objective:

- PSYC 6610 - Measurement of Intelligence - **Credits: 3**
OR
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
OR
- PSYC 5530 - Psychopathology - **Credits: 3**
- PSYC 5310 - Intermediate Stats Behavioral - **Credits: 3**
OR
- PSYC 6311 - Advanced Statistics I - **Credits: 3**
OR
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC electives at the 5000 level or higher **Credits: 9**

Complete a Minimum of Six Hours of Credit

Students pursuing the Ph.D. are required to complete a minimum of six hours of credit in PSYC 6090. Enrollment in PSYC 6090 is required each regular semester when not enrolled in PSYC 7000.

Minimum Grades:

A student who receives a C or lower in a core course (general or specialty) or who drops a core course while earning lower than a B will be dropped from the program. If a student receives a C or less in a non-core course, that course must be repeated in order to earn graduate credit. All students must maintain a B average for all courses in order to remain in the psychology graduate program.

A Minimum of Six Credit Hours

Students pursuing the Ph.D. are required to complete a thesis based on her or his own original research that clearly demonstrates ability to identify significant problems, design and conduct scientific studies, and report findings in an appropriate fashion. The thesis research must be of publishable quality. A minimum of six credit hours of thesis research, PSYC 7000, is required, although the student must be registered for thesis research each semester he or she is working on

it until it is accepted by the thesis committee. An oral defense of the thesis is required.

Complete Two Sections of Practicum

- PSYC 6191 - Practicum Develop Psychology - **Credits: 3 - 6 (Variable)**

Financial Aid

A limited number of teaching assistantships are available to qualified students. Research and service assistantships supported by faculty grants or contracts are also available.

Psychology, Ph.D.

Student Learning Outcomes

- Students who complete the PhD degree will demonstrate advanced knowledge in a specific subarea of psychological inquiry.
- Students who complete the PhD degree will demonstrate advanced skills and knowledge in writing about a specific area of psychological inquiry.
- Graduate students who complete the PhD degree will demonstrate the ability to communicate in depth psychological knowledge of a specific area of psychological science, develop and test hypotheses that advance current knowledge.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, the department's recommendation for admission is based on the student's performance on the Graduate Record Examination, letters of recommendation, and on the student's academic performance. The department may recommend full or conditional admission. If admitted on a conditional basis, the applicant must fulfill the conditions imposed by the department.

Degree Requirements

After completion of the master's requirements, students must pass a Qualifying Examination in order to continue to work toward a doctoral degree. During the entire period of work toward the doctorate, a student's program of study is guided by a doctoral advisory committee. The full advisory committee consists of the major professor who acts as chairperson, and at least three other graduate faculty members of the department. At least two members (including the chairperson) must be full-time members of the department, and at least one member must be a full member of the UNO graduate faculty. The committee is nominated by the chair of the department and is appointed by the Dean of the College.

The student's doctoral program of study must meet the following standards, which includes a minimum of 30 credit hours beyond those required by the Master of Science degree.

Doctoral Core Courses:

- PSYC 6820 - Psychophysiology - **Credits: 3**
- PSYC 6895 - Adv Sem Appl Biopsychology - **Credits: 3**

Applied Developmental Students Must Take

- PSYC 6195 - Adv Sem Appl Devel Psychology - **Credits: 3**
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**
- PSYC 6801 - Fund Appl Biopsychology I - **Credits: 3**

The advanced seminar, PSYC 6195, must focus on advanced methods in developmental research.

The Advanced Seminar

- PSYC 6195 - Adv Sem Appl Devel Psychology - **Credits: 3**

Electives:

Developmental students are required to take six hours of elective coursework and Biopsychology students are required to take nine hours of elective coursework. The electives must be chosen from content courses; research and practicum beyond the minimum cannot be used as electives.

Research:

In addition to the dissertation requirements outlined below, all students are required to take six hours of independent research, PSYC 6090. Also, students must register for at least three hours of research credit every semester they are not registered for dissertation hours (excluding summers).

Practicum:

Six hours of practicum are required for all students (PSYC 6191 or PSYC 6891). The purpose of the practicum is to give students first-hand experience in an applied setting. The emphasis is on the application of experimentally-derived principles within the context of a service-delivery system. The practicum experience is arranged to provide an opportunity for students to begin to develop and practice a variety of skills in their areas of specialization.

Qualifying General Examination:

All students must pass a Qualifying General Examination which is administered when the student's coursework is substantially completed. The General Examination consists of the student writing and orally defending a literature review of the research area relevant to the proposed dissertation topic. The literature review and defense must demonstrate competence in the student's minor and applied areas. The exam will be conducted by the student's Doctoral Advisory Committee.

Dissertation and Final Defense:

All students must complete a dissertation and register for a minimum of six hours of PSYC 7050. The student must be registered for dissertation research each semester he or she is working on it until the final examination is passed. The dissertation must demonstrate a mastery of research techniques, ability to do original and independent research, and skill in formulating conclusions that in some way enlarge upon or modify the existing knowledge base in psychology. The final examination is the oral defense of the dissertation. The final examination committee is appointed by the Graduate School. In most cases it will consist of the student's doctoral advisory committee, although the additional members may be added.

Internship:

A student may elect to take an internship and the student must be registered for PSYC 7191 or PSYC 7891 throughout the internship (minimum of six hours). It must involve the equivalent of 12 months of supervised full-time experience. It must be supervised by a licensed psychologist. To qualify as an internship, a minimum of 1,500 hours at the site must be completed within 24 months and it must be approved by the department. The internship is an intensive, advanced, supervised experience required to be a practicing psychologist. To be eligible for an internship, the student must have completed all coursework and passed the General Examination. Only the dissertation may remain.

Minimum Grades:

A student who earns a C or lower in a core (either general or specialty) or who drops a core course while earning lower than a B will be dropped from the program. If a student receives a C or less in a non-core course, that course must be repeated in order to earn graduate credit. All students must maintain at least a B average in all courses in order to remain in the psychology graduate program.

Additional Reasons for Dismissal:

A student is expected to make normal progress toward the degree to remain in the program and must be registered as a full-time student each semester in the program. A student may be dropped from the program if, in a semi-annual evaluation, the faculty determines that the student does not meet the standards of a Doctor of Philosophy candidate.

Public Administration, M.P.A.

Program Overview:

The Master of Public Administration program is a professional degree for leaders and analysts in public and nonprofit organizations.

Student Learning Outcomes

- The program will ensure that all MPA graduates will have acquired the basic skills and knowledge required to function as leaders in the public and/or not-for-profit sectors.
- Students will demonstrate competence in conducting research in the discipline and communicating the result effectively.
- Student demonstrates they can: Formulate a mission statement for an organization Analyze the structure of an organization using appropriate theories and concepts Understand how important contextual factors (internal and external) influence management within the organization.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants must provide 3 letters of recommendation from individuals with knowledge of their professional or academic background, a resume, and a personal statement.

Degree Requirements

Prerequisites

- Economics - Micro or Macro (3 hrs)
- Political Science or American Government (3 hrs)
- Unmet prerequisites should be made up early in the program.

Overview

- 42 total hours needed to complete the degree (excluding deficiencies or prerequisites)
- 27 hours of required courses
- 9 hours of electives
- 6 hours of thesis research and a thesis, or 6 hours of capstone courses and a final project. All masters students must include at least 15 hours of courses numbered 6000 or above in their programs of study.

Required Courses

- PADM 6001 - Rsch Methods - Public Adm - **Credits: 3**
- PADM 6010 - Profession of Public Admin - **Credits: 3**
- PADM 6020 - Bureaucracy and Democracy - **Credits: 3**
- PADM 6110 - Public Budgeting - **Credits: 3**
- PADM 6160 - Law and Ethics of Pub Admin - **Credits: 3**
- PADM 6401 - Administrative Behavior - **Credits: 3**
- PADM 6180 - HR Admin in the Pub Sector - **Credits: 3**
- PADM 6410 - Tech in Public Organizations - **Credits: 3**
- PADM 6201 - Policy Analysis and Prog Eval - **Credits: 3**

Thesis/Final Project Option

Students must choose either the thesis or the final project option

Thesis Option

- PADM 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** plus the thesis
Thesis students may take Capstone I in lieu of three hours of thesis research.

Final Project Option

This is an applied project completed in conjunction with a public service job or internship while enrolled in

- PADM 6901 - MPA Capstone I - **Credits: 3**
- PADM 6902 - MPA Capstone II - **Credits: 3**

Nonprofit Leadership Concentration

The MPA program offers a concentration in nonprofit leadership (NPL). The concentration consists of 15 hours: NPL students must complete the following courses which are currently offered under the Special Topics course

- PADM 4800 - Spec Studies-Urban Problems - **Credits: 3**
- PADM 5222 - Legal Ethical / Issues - **Credits: 3**
- PADM 5223 - Fin Adm & Dev Nonprft - **Credits: 3**
- PADM 5220 - Nonprofit Sector - **Credits: 3**
- PADM 5221 - Collaboration - **Credits: 3**
- PADM 5224 - Nonprofit Leadership - **Credits: 3**

Options

NPL students must also choose the thesis or non-thesis (final project) option. Thesis students may take

- PADM 6901 - MPA Capstone I - **Credits: 3**
- PADM 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

Romance Languages (French), Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Romance Languages (French), B.A.

Student Learning Outcomes

- FRENCH/SPANISH Students will develop proficiency in written expression and reading comprehension.
- FRENCH/SPANISH Students will develop proficiency in verbal expression and listening skills.
- FRENCH/SPANISH Students will acquire broad knowledge of French- Francophone/Spanish - Hispanophone cultures and civilizations.
- FRENCH/SPANISH The students shall demonstrate an understanding and appreciation of French/Spanish language literature and the ability to communicate them orally and in writing.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6*

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FREN 1001 - Basic French I - **Credits: 3**
- FREN 1002 - Basic French II - **Credits: 3**
- English Literature 2000+ from Gen Ed menu.⁵

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- History - European 2000+ **Credits: 3**
- History - European or Louisiana 2000+ **Credits: 3**
- FREN 2001 - Intermediate French I - **Credits: 3**
- FREN 2002 - Intermediate French II - **Credits: 3**
- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- English Literature course **Credits: 3**
- Electives **Credits: 16**

Total Credit Hours: 49

Course Requirements for Major

- French culture courses 3000+ **Credits: 6**
- FREN 3002 - Practical French Phonetics - **Credits: 3**
- FREN 3031 - French Conversation - **Credits: 3**
- FREN 3041 - Advanced French Grammar - **Credits: 3**
- FREN 3042 - Advanced French Comp & Syntax - **Credits: 3**
- FREN 3100 - Survey French Literature - **Credits: 3**
- FREN 3197 - Oral Proficiency - **Credits: 1**
- FREN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- FREN Electives 4000+ **Credits: 6**
- FREN Literature 3000+ **Credits: 3**

Total Credit Hours: 32

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
- Students must take one of the English courses from the Gen Ed menu- English 2041, 2043, 2071, 2072, 2090, 2091, 2208, 2218, 2311, 2312, 2341, 2377, 2378 or 2521

In all cases, college subject requirements should be completed before taking electives. Refer to the University and college requirements for particulars. In conference with a foreign language advisor each student will plan a balanced and coherent program designed for the student's particular needs and interests. Through choice of electives the student may wish to combine the Major program with another field of study: a second foreign language and literature, linguistics, the civilization of an area, an allied subject within the humanities, an allied field within the social sciences, sciences, or business administration.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Arts **Credits: 3**
- General Electives **Credits: 3**
- FREN 1001 - Basic French I - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- General Electives **Credits: 6**
- FREN 1002 - Basic French II - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- General Electives **Credits: 5**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- FREN 2001 - Intermediate French I - **Credits: 3**

Total Credit Hours: 14

Second Term

- BIOS or Physical Science **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- FREN 2002 - Intermediate French II - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Physical Science **Credits: 3**
- FREN 3031 - French Conversation - **Credits: 3**
- FREN 3041 - Advanced French Grammar - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Second Term

- European or Latin American History 2000+ **Credits: 3**
- FREN 3042 - Advanced French Comp & Syntax - **Credits: 3**
- FREN 3100 - Survey French Literature - **Credits: 3**
- FREN 3197 - Oral Proficiency - **Credits: 1**
- Social Sciences 2000+ **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- FREN 3002 - Practical French Phonetics - **Credits: 3**
- French Literature 3000+ **Credits: 3**
- French Culture 3000+ **Credits: 3**
- French Elective 4000 level **Credits: 3**
- Upper Level non-major elective **Credits: 3**

Total Credit Hours: 15

Second Term

- French Culture 3000+ **Credits: 3**
- Upper Level non-major elective **Credits: 4**
- French Elective 4000 level **Credits: 3**
- European or Louisiana History 2000+ **Credits: 3**
- FREN 3500 - Tutorial for Graduating Majors - **Credits: 1**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Romance Languages (Spanish), Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Romance Languages (Spanish), B.A.

Student Learning Outcomes

- FRENCH/SPANISH Students will develop proficiency in written expression and reading comprehension.
- FRENCH/SPANISH Students will develop proficiency in verbal expression and listening skills.
- FRENCH/SPANISH Students will acquire broad knowledge of French- Francophone/Spanish - Hispanophone cultures and civilizations.
- FRENCH/SPANISH The students shall demonstrate an understanding and appreciation of French/Spanish language literature and the ability to communicate them orally and in writing.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³

- BIOS or Physical Science **Credits: 3**

Humanities

- SPAN 1001 - Basic Spanish I - **Credits: 3**
- SPAN 1002 - Basic Spanish II - **Credits: 3**
- English Literature 2000+ from Gen Ed Menu⁵

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- History-European or Latin American 2000+ **Credits: 6**
- SPAN 2001 - Intermediate Spanish I - **Credits: 3**
- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- English Literature 2000+ - **Credits: 3**
- Social Science Electives 2000+ - **Credits: 6**
- Electives outside of Major 3000+ - **Credits: 6**
- Electives - **Credits: 16**

Total Credit Hours: 49

Course Requirements for Major

- Hispanic Culture Courses 3000+ **Credits: 6**
- SPAN 3031 - Spanish Conversation - **Credits: 3**
- SPAN 3041 - Advanced Spanish Grammar - **Credits: 3**
- SPAN 3042 - Advanced Spanish Comp & Syntax - **Credits: 3**
- SPAN 3002 - Phonetics - **Credits: 3**
- SPAN 3197 - Oral Proficiency - **Credits: 1**
- SPAN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- SPAN Electives 4000+ **Credits: 6**
- SPAN Literature 3000+ **Credits: 6**

Total Credit Hours: 32

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
- Students must take one of the English courses from the Gen Ed menu- English 2041, 2043, 2071, 2072, 2090, 2091, 2208, 2218, 2311, 2312, 2341, 2377, 2378 or 2521.

In all cases college subject requirements should be completed before taking electives. Refer to the university and college requirements for particulars. In conference with a foreign language advisor each student will plan a balanced and coherent program designed for the student's particular needs and interests. Through choice of electives the student may wish to combine the Major program with another field of study: a second foreign language and literature, linguistics, the civilization of an area, an allied subject within the humanities, an allied field within the social sciences, sciences, or business administration.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Art **Credits: 3**
- General Electives **Credits: 3**
- SPAN 1001 - Basic Spanish I - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- General Electives **Credits: 6**
- SPAN 1002 - Basic Spanish II - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

Total Credit Hours: 15

Second Year of Enrollment

First Term

- General Electives **Credits: 6**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- SPAN 2001 - Intermediate Spanish I - **Credits: 3**

Total Credit Hours: 15

Second Term

- BIOS or Physical Science **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Physical Science **Credits: 3**

- SPAN 3031 - Spanish Conversation - **Credits: 3**
- SPAN 3041 - Advanced Spanish Grammar - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Second Term

- European or Latin American History 2000+ **Credits: 3**
- SPAN 3042 - Advanced Spanish Comp & Syntax - **Credits: 3**
- Spanish Lit 3000+ **Credits: 3**
- SPAN 3197 - Oral Proficiency - **Credits: 1**
- Social Sciences 2000+ **Credits: 6**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- SPAN 3002 - Phonetics - **Credits: 3**
- Spanish Literature 3000+ **Credits: 3**
- Hispanic Cultures 3000+ **Credits: 3**
- Spanish Elective 4000 level **Credits: 3**
- Upper Level non-major elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Hispanic Cultures 3000+ **Credits: 3**
- Upper level non-major Spanish Elective 4000 level **Credits: 3**
- European or Latin American History 2000+ **Credits: 3**
- SPAN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- Elective **Credits: 3**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Romance Languages, M.A.

Program Overview

The Master of Arts in Romance Languages (French or Spanish Option) offers the student a concentration in one of two areas: language/culture/civilization or literature. The program prepares students for further graduate study leading to the degree of Doctor of Philosophy and provides training for teachers of French or Spanish in secondary schools and colleges. It also offers the opportunity for rigorous advanced study in the humanities to qualified persons for nonacademic professions.

Student Learning Outcomes

- Students will develop cultural, linguistic, and critical thinking skills in Romance Languages (Non thesis option).
- Students will develop cultural, linguistic, and critical thinking skills in Romance Languages (thesis option).

Admission

To be admitted to graduate studies in Romance Languages, a student must present a high standard of achievement in upper-level coursework in the target language (French or Spanish). In addition, the Foreign Language Department requires a statement of purpose written in the target language. Students with the bachelor's degree in fields other than French or Spanish may be admitted on a provisional basis to make up deficiencies.

Degree Requirements

- Language/Culture/Civilization
- 33 credits in course work with at least 15 in courses numbered over 6000 or 30 credits in course work with at least 15 in courses numbered over 6000, including up to 6 credits in thesis research.
- A "B" average in all courses.
- Satisfactory performance on a comprehensive examination (written and oral) which will test the student in three areas of linguistics/civilization and in one period of literature (areas and a period which he/she may select from those indicated in the Reading List for the Master of Arts comprehensive exam).
- Reading knowledge at the 2002 proficiency level of a second Romance Language (French, Spanish, Portuguese and Italian) or Latin.
- Literature
- 30 credits in course work with at least 15 in courses numbered over 6000, including up to 6 credits in thesis research or 33 credits in coursework with at least 15 in courses numbered over 6000.
- A "B" average in all courses.
- Satisfactory performance on a comprehensive examination (written and oral) which will test the student in three periods of literature and one area of linguistics/civilization (periods and an area which he/she may select from those indicated in the Reading List for the Master of Arts in comprehensive exam).
- Reading knowledge at the 2002 proficiency level of a second Romance Language (French, Spanish, Portuguese and Italian) or Latin.
- All students admitted to the graduate program will be referred to the Departmental Coordinators of Graduate Studies, who will guide each student in selecting and following a sound program of study suited to needs and level of preparation. This program may, in individual cases, involve more course work than is specified in the general requirements for the degree. For purposes of clarification, it should be understood that the descriptions of 6000-level courses in the pages below are only categorical and that narrowed topics are always chosen for study within these broad categories. The comprehensive examination is designed to test the candidate's knowledge of the language/culture/civilization or of the literature of his/her chosen field of study. The examination may be taken only after the candidate has passed the reading knowledge examination in a foreign language other than the major language area and has completed all of the course work. Ordinarily, the examination will be devoted to course work undertaken for the master's degree. The thesis is written under the supervision of an advisor assigned to the student by the Coordinators of Graduate Studies in Romance Languages. Credit for Romance Languages 7000 (Thesis Research) is granted only after the thesis has been approved by a committee appointed by the Graduate School and after the candidate has passed a one-hour oral examination on the thesis administered by this committee.

Financial Aid

Assistantships in the Department of Foreign Languages are available for a limited number of qualified applicants each year. Requests for application forms and for additional information should be addressed to the Coordinator of Graduate Studies in Romance Languages.

Secondary Teaching, Biology Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1081 - Biology I Laboratory - **Credits: 1**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**¹
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**¹

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- BIOS 2741 - Micro & Human Dis Lab - **Credits: 1**
- BIOS 2743 - Micro Human Disease Lec - **Credits: 3**
- BIOS 3854 - General Botany - **Credits: 4**
- BIOS 3653 - General Ecology - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**

OR

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 47

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 122

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
 - EDUC 2100 - Child & Adolescent Development - **Credits: 3**

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 17

Second Term

- Humanities **Credits: 3**²
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
OR
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- BIOS 2743 - Micro Human Disease Lec - **Credits: 3**

Total Credit Hours: 16

Second Term

- BIOS 3854 - General Botany - **Credits: 4**
- BIOS 3653 - General Ecology - **Credits: 3**
- BIOS 2741 - Micro & Human Dis Lab - **Credits: 1**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 17

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours: 17

Total Credit Hours Required: 122

- Required for all first-time full-time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Chemistry Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1083 - Biology I - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**²
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- PHYS 1032 - General Physics II - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 46

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**

- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 121

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Note:

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²

- BIOS 1083 - Biology I - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 16

Second Term

- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- Social Science **Credits: 3**²
- EES 1000 - Dynamic Earth - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- Humanities **Credits: 3**²

Total Credit Hours: 15

Second Term

- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- PHYS 1032 - General Physics II - **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Earth Science Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1073 - Biology II - **Credits: 3**¹

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- EES 1000 - Dynamic Earth - **Credits: 3**¹
- EES 1001 - Dynamic Earth Lab - **Credits: 1**¹
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**¹

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 1006 - Dinosaurs - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 2700 - Earth Materials - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 46

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 121

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog

sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EES 1006 - Dinosaurs - **Credits: 3**
- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 2700 - Earth Materials - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**

Total Credit Hours: 15

Second Term

- Social Science **Credits: 3**²
- Humanities **Credits: 3**²
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, English Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**¹
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 3**
- Physical Science **Credits: 3**

Humanities

- ENGL 2377 - Bible As Literature - **Credits: 3**¹
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**¹
- ENGL 2341 - Survey British Literature I - **Credits: 3**¹

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
- ENGL 4151
OR
- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
- ENGL 2258 - Interpreting Literature - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 4521 - Shakespeare - **Credits: 3**
OR
- ENGL 4522 - Shakespeare - **Credits: 3**

- ENGL (4000 level American Lit) **Credits: 3**
- ENGL (4000 level British Lit) **Credits: 3**
- EDLS 4200 - Young Adult Literature - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog

sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area.

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Social Science **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 15

Second Year of Enrollment

First Term

- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- ENGL 2377 - Bible As Literature - **Credits: 3**
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²

- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2258 - Interpreting Literature - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
OR
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL (4000 Level American Literature) **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
OR
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- EDLS 4200 - Young Adult Literature - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4151
OR
- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
- ENGL 4521 - Shakespeare - **Credits: 3**
OR
- ENGL 4522 - Shakespeare - **Credits: 3**
- ENGL (4000 Level British Literature) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Mathematics Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
 - ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**¹

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- Physical Science **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3400 - Geometry - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH Elective (2000 level or above) **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4240 - Secondary Math Methods - **Credits: 3**
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required

- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- Social Science **Credits: 3**²

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- Physical Science **Credits: 3**²
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Total Credit Hours: 16

Second Term

- Biology or Physical Science **Credits: 3**²
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4240 - Secondary Math Methods - **Credits: 3**
OR
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Term

- EDCI 4240 - Secondary Math Methods - **Credits: 3**
OR
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Humanities **Credits: 3**²
- MATH 3400 - Geometry - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH (2000 level or above) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Social Studies Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**¹
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
OR
- BIOS 1073 - Biology II - **Credits: 3**
OR
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- ENGL Literature **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**¹
- HIST 1001 - World History I - **Credits: 3**¹

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**¹
- POLI 2151 - US Govt & Politics - **Credits: 3**¹

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

¹

- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- GEOG 1002 - World Regional Geography - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- HIST 2601 - History of Louisiana - **Credits: 3**
- HIST Elective (3000+) **Credits: 3**
- GEOG 1001 - World Regional Geography - **Credits: 3**
- POLI Elective (3000+) **Credits: 3**
- SOC 1051 - Introductory Sociology - **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- Social Sciences (ANTH, ECON, GEOG, POLI, PSYC, SOC or URBN) **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

¹

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- HIST 1001 - World History I - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
OR
- BIOS 1073 - Biology II - **Credits: 3**
OR
- EES 1000 - Dynamic Earth - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**

Total Credit Hours: 15

Second Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- GEOG 1001 - World Regional Geography - **Credits: 3**
- SOC 1051 - Introductory Sociology - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
OR
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- HIST 2601 - History of Louisiana - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- GEOG 1002 - World Regional Geography - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
OR
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- HIST (3000 or 4000 Level) **Credits: 3**
- POLI (3000 or 4000 Level) **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- Elective: (ANTH, ECON, GEOG, POLI, PSYC, SOC OR URBN) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Sociology Minor

Minor Requirements

Students must complete the following requirements for a Minor in Sociology:

- A minimum of 18 credit hours in Sociology with a 2.0 grade point average.
- SOC 1051 or equivalent.
- SOC 2708 or equivalent. POLI 2900 or PSYC 2300 will substitute for this requirement but will not reduce the required number of credit hours in Sociology.
- A minimum of nine credit hours in Sociology courses numbered 3000 or higher.

Sociology, B.A.

- Students will learn the basic theoretical and methodological paradigms in sociology and how they are applied in various substantive areas of the discipline.
- Students will learn essential components of research design, data collection, and data analysis necessary to conduct their own sociological research projects.
- Students will learn how to critically evaluate and analyze scholarly research reports.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Upper-level non major elective **Credits: 6**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁶
- General Electives **Credits: 29-32**

Total Credit Hours: 50

Course Requirements for Major

- SOC 1051 - Introductory Sociology - **Credits: 3**
- SOC 2707 - Social Statistics I - **Credits: 4**

- SOC 2708 - Methods in Social Research - **Credits: 3**
- SOC 4086 - Sociological Theory - **Credits: 3**
- 4000-level core Sociology courses **Credits: 6**⁵
- Sociology Electives **Credits: 12**⁷

Total Credit Hours: 31

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Choose two courses from among SOC 4080, SOC 4094, SOC 4101, SOC 4103, SOC 4107, SOC 4124, SOC 4216, SOC 4921.
- Must complete nine credit hours in one language or six credit hours in two languages.
- Nine(9) of the elective credits must be 4000 level courses.

Four Year Plan of Study

First Year of Enrollment

First Term

- SOC 1051 - Introductory Sociology - **Credits: 3**
- MATH **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- SOC 2000 Elective **Credits: 3**
- MATH **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Science **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Foreign Language **Credits: 3**
- ENGL Literature **Credits: 3**
- SOC 2707 - Social Statistics I - **Credits: 4**
- SOC 2000 Elective **Credits: 3**
- Elective (recommend Anthropology) **Credits: 3**

Total Credit Hours: 16

Second Term

- Foreign Language **Credits: 3**
- SOC 2708 - Methods in Social Research - **Credits: 3**
- ENGL Literature **Credits: 3**
- Science **Credits: 3**
- Elective (recommend Political Science **Credits: 3**)

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Foreign Language **Credits: 3**
- SOC 4086 - Sociological Theory - **Credits: 3**
- SOC, core course **Credits: 3**
- Science **Credits: 3**
- Elective 3000+ level **Credits: 3**

Total Credit Hours: 15

Second Term

- SOC Elective **Credits: 3**
- Elective (recommend History) **Credits: 3**
- Elective, 3000+ level **Credits: 3**
- Arts **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- SOC Core course **Credits: 3**
- Remaining Electives **Credits: 9**
- SOC Internship **Credits: 3**

Total Credit Hours: 15

Second Term

- Sociology Elective **Credits: 3**
- Remaining electives **Credits: 10**

Total Credit Hours: 13

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Sociology, M.A.

The Master of Arts degree in Sociology provides advanced training for students and serves the employment needs of the larger New Orleans community. The dual mission of the program prepares students to pursue doctoral work in sociology and/or assists students in furthering their career goals through developing and upgrading research and analytical skills. The department offers a comprehensive program in sociology with special concentrations in the sociology of gender and environmental sociology.

Student Learning Outcomes

- Students will demonstrate advanced knowledge and analytical skills in core theoretical and methodological paradigms and within at least one substantive area of specialization.
- Students are able to employ a range of techniques and methods used to gain sociological knowledge.
- Graduates will be critical readers of both basic and applied sociological research.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants will be reviewed on the basis of a good undergraduate record, three letters of recommendation, and satisfactory scores on the Graduate Record Examination. Students may also apply for graduate assistant positions. Students having the bachelor's degree in fields other than Sociology may be admitted, but are typically required to take an undergraduate theory course for which they receive graduate credit.

Degree Requirements

Master of Arts students in Sociology may pursue a traditional thesis option, an applied sociology option, or a non-thesis option.

Students who pursue the thesis option must complete a minimum of 30 hours of course work at the graduate level which includes a core of required courses and electives. They must prepare a thesis and pass an oral examination covering the thesis topic.

Students who pursue the non-thesis option must complete 36 hours of course work, including a required course in qualitative methods.

Students selecting the applied sociology option must complete 30 hours of credit, write a research report based on two semesters of work in a public or private organization and pass an oral examination covering the completed report.

Financial Aid

Teaching and research assistantships are available to qualified applicants each academic year, with a maximum appointment of two years.

Software Engineering Undergraduate Certificate

The Undergraduate Certificate in Software Engineering is designed to teach students how to apply the principles of software engineering to the design, development, testing and maintenance of software systems.

Prerequisite Courses

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**

Required Courses

- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- CSCI 4210 - Introduction to Software Engr - **Credits: 3**

Optional Courses (Choose Two)

- CSCI 4208 - Developing Advanced Web Applic - **Credits: 3**
- CSCI 4661 - Mobile Apps Dev - **Credits: 3**
- CSCI 4990 - Special Topics CSCI - **Credits: 3**
- CSCI 3097 - Problems in Computer Science - **Credits: 1 - 3 (Variable)**
(Internship. Must equal 3 credits to count for requirement.)

Spanish Minor

Minor Requirements

A Minor requiring Spanish 2002 and 15 additional credit hours of upper-level Spanish with a 2.0 grade point average.

- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- Spanish Electives 3/4000-level **Credits: 15**

Tax Accounting, M.S.

Student Learning Outcomes

- Students will demonstrate proficiency in Accounting Theory and Managerial Accounting.
- Students will demonstrate business/tax planning acumen.
- Students will demonstrate proficiency in conducting tax research and in writing.

Program Overview:

The M.S. in Tax Accounting program provides a high degree of concentration in the tax area. The taxation degree provides in-depth technical and comprehensive study for persons planning careers in taxation accounting or who are already employed in this area and wish to expand their knowledge of the field. The taxation program also serves as a foundation for more advanced studies, such as the Ph.D. degree.

The program may be pursued either full-time or part-time and may be completed by attending evening classes.

Degree Requirements:

Required accounting courses

- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**

Required taxation courses

*See the department for specific courses and see "degree requirements" below.

- ACCT 5154 - Estate & Gift Taxation - **Credits: 3**
- ACCT 6151 - Federal Tax Practice - **Credits: 3**
- ACCT 6153 - Tax Corp & Shareholders - **Credits: 3**
- ACCT 6156 - Adv Tax of Partners - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- Approved tax elective **Credits: 3** *
- Approved Accounting or Business Administration courses **Credits: 6**

Total Credits Required: 30

Financial Aid

A limited number of research assistantships are awarded on a competitive basis to full-time graduate students with outstanding academic credentials. Graduate assistants normally work 20 hours per week assisting the faculty with their research projects and performing other departmental duties. Irrespective of their legal residency, graduate assistants are eligible for in-state fees. A limited number of loans, scholarships, and departmental awards are also available to assist students in financing their education.

Teaching, M.A.T.

Graduate Alternate Certification Pathway

The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a Master's degree program.

Master of Arts in Teaching

Programs of Study: The Masters of Arts in Teaching offers certification in early intervention (birth-5), elementary (grades 1-5), elementary/mild-moderate, secondary/mild-moderate, secondary (grades 6-12) in English, math, social studies, biology, chemistry, earth science, general science, and physics, early intervention (birth - age 5) and mild/moderate disabilities (grades 1-5 and 6-12). The mild/moderate disabilities certification is offered through an Integrated to Merged program which results in certification in mild/moderate disabilities and in elementary (grades 1-5), or secondary education (grades 6-12). Note that certification in secondary is specific to one content area.

The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, and a one-year residency as an intern or student teacher. Details of the program of study for each certification option may be found at the college website at www.uno.edu/colaehd

Admission: In addition to the admission requirements established by the Graduate School, which include an overall grade point average of 2.5, candidates must achieve passing scores on PRAXIS I as well as the relevant PRAXIS II subject assessment. PRAXIS I is not required for candidates with an ACT composite score of 22, or SAT (Reading/Writing and Math) combined score of 1100 or who already have a Master's degree. The College office must have official scores. All candidates must submit official transcripts from each college and university attended. One transcript with all transfer credits is not acceptable. All initial advising for this program occurs via the Education Advisors. Following initial advising, candidates are advised by a Faculty Advisor in the Department of Curriculum, Instruction, and Special Education for the duration of their program of study.

Field Experiences Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Field work is supported in two ways: through assigned work associated with individual classes and within the year of residency (9 credits) taken at the end of the program of study. Field experience opportunities support candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. All candidates must complete the year of Residency [student teaching (9 credits) or capstone internship (9 credits)] during the last year of the program of study. Candidates in Early Intervention, Elementary, Elementary/Mild-Moderate, Secondary Education, Secondary/Mild-Moderate will not be permitted to enroll in other coursework during the second semester of residency (student teaching/capstone internship). Residency for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany. More information on field experience requirements may be found at the college website at www.uno.edu/colaehd.

Requirements for Completing Program

All teacher certification programs in the College are performance-based. Candidates develop a professional portfolio to document the knowledge, skills, and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. All Praxis exams must be passed prior to the first semester of residency. More information on candidate assessment and program progression requirements may be found at the college website at www.uno.edu/coehd.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

PRAXIS Requirements for All Teacher Education Candidates

All candidates pursuing initial teaching certification must successfully pass three types of PRAXIS examinations prior to program completion and recommendation for certification. The point in time that the candidate takes each examination varies according to the certification program option pursued. The following describes when each PRAXIS test is taken:

PRAXIS I (Core Academic Skills for Educators)

Undergraduate Program: Must be passed prior to Admission to Tier II (Teacher Education Program)

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II

Undergraduate Program: Content Area taken must be passed prior to Tier III Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II (Principles of Learning and Teaching)

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Teaching, M.A.T.

Program Overview: The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor's degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a master's degree program.

The Master of Education (M.Ed.) degree is designed to offer candidates who already hold teacher certification an opportunity to address one or more advanced preparation objectives including the requirements of an add-on certification option, advanced preparation in their existing certification area, coursework addressing an advanced skill set, or additional training in one or more content areas.

Student Learning Outcomes

The student completing the M. A. T. in Curriculum and Instruction will demonstrate the following:

- Demonstrate content knowledge in certification area.
- Demonstrate appropriate dispositions to be an effective teacher.
- Demonstrate ability to design, implement and evaluate effective curriculum and instruction.

Admission

The prospective master's student must meet the admission requirements established by the Graduate School. In addition, applicants must hold a standard teaching certificate.

Degree Requirements:

The Master of Arts in Teaching offers certification in early intervention (birth-5), elementary (grades 1-5), elementary/mild-moderate, secondary/mild-moderate, secondary (grades 6-12) in English, mathematics, social studies, biology, chemistry, earth science, general science, and physics. The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, and one-year residency as an intern or student teacher.

Time Limit

Candidates employed as teachers with a Practitioners License (PL-3) must complete the MAT program within 4 years.

Field Experience Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Fieldwork is supported in two ways: through assigned work associated with individual classes and within the year of residency (9 credits) taken at the end of the program of study. Field experience opportunities support candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. All candidates must complete the year of residency [student teaching (9 credits) or capstone internship (9 credits) during the last year of the program of study. Candidates in Early Intervention, Elementary, Elementary/Mild-Moderate, Secondary Education, and Secondary/Mild-Moderate programs of study will not be permitted to enroll in other coursework during the second semester of residency (student teaching/capstone internship). Residency for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany.

Requirements for Completing Program

All teacher certification programs are performance-based. Candidates develop a professional portfolio to document the knowledge, skills and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. All Praxis exams must be passed prior to first semester of residency.

Students in the M.A.T. program in the Department of Curriculum, Instruction, and Special Education cannot count more than six hours of graduate coursework with a grade lower than a B toward their degree program. In addition, any master's student receiving more than six hours of graduate coursework with a grade lower than a B in their degree program shall be dropped from the program.

Independent study/substitutions courses are approved only under extenuating circumstances. Independent study/substitutions must be approved by the Assistant Dean prior to enrollment in the independent study/substitution course. M.A.T. candidates will be allowed a maximum of 6 hours of independent study/substitution courses within the degree program.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

Transportation, M.S.

The Master of Science in Transportation (MST) program prepares students with the knowledge base and skill sets needed for successful professional practice in the transportation industry, which includes careers in the public, private and non-governmental sectors. Transportation professionals work for companies and agencies across a variety of modes serving the needs of moving passengers and freight. The applied nature of the course work ensures students are prepared to make professional contributions upon completion of the program. The program provides graduate students with the opportunity to engage with professionals through course assignments, capstone projects, and internships.

Student Learning Outcomes

- Students will be able to articulate in-depth knowledge about the history and function of freight and passenger transportation and current issues in local, state and national policy.
- Students will be able to apply quantitative data and methods to transportation issues.
- Students will demonstrate professional communication and analytical skills.

Overview

The MST will require a minimum of 33 semester credit hours of graduate course work in core courses (18 credit hours), a concentration (9 credit hours), and capstone/thesis projects (6 credit hours).

The following core courses (18 credits) would be required for all students:

- TRNS 6010 - Transportation Seminar - **Credits: 3**
- TRNS 6020 - Intermodal Freight Transport - **Credits: 3**
- TRNS 6061 - Intro Transportation Plan - **Credits: 3**
- TRNS 6100 - Environment and Energy - **Credits: 3**
- TRNS 6200 - Transport Policy & Admin - **Credits: 3**
- TRNS 6062 - Applied Techniques for Transportation Professionals

Concentration Information

Students must complete a 9-credit concentration in Transportation Planning, Transportation Administration or a self-directed concentration. The two primary concentrations will utilize instructional offerings in the accredited Master of Urban Planning (MURP) degree program and the accredited Master of Public Administration. Students may transfer up to 12-credits from outside UNO, which could apply to the concentration courses. Please see the university rules governing potential transfer credit.

Transportation Planning Concentration

Courses eligible for this concentration are

- MURP 5063 - Land Use Trans Plan - **Credits: 3**
 - MURP 6620 - History & Theory Planning - **Credits: 3**
 - MURP 6020 - Analytic Methods for Planners - **Credits: 3**
 - MURP 5160
 - MURP 6450 - Local Economic Development - **Credits: 3**
 - MURP 5050 - Urb Land Use Plan & Plan Makng - **Credits: 3**
- Other courses or a thesis option may be permitted with approval of the program coordinator

Transportation Administration Concentration

Courses eligible for this concentration are

- PADM 6020 - Bureaucracy and Democracy - **Credits: 3**
 - PADM 6110 - Public Budgeting - **Credits: 3**
 - PADM 6160 - Law and Ethics of Pub Admin - **Credits: 3**
 - PADM 6201 - Policy Analysis and Prog Eval - **Credits: 3**
 - PADM 6401 - Administrative Behavior - **Credits: 3**
- Other courses or a thesis option may be permitted with approval of the program coordinator

Self-Directed Concentration

Three courses (nine credits) approved by program coordinator and faculty advisor

Students must complete a six-credit capstone sequence over the course of a year or the thesis option, with six credit hours of thesis research.

Capstone:

- TRNS 6901 - Transportation Capstone I - **Credits: 3**
- TRNS 6902 - Transportation Capstone II - **Credits: 3**

Urban & Regional Planning, M.U.R.P.

The Master in Urban and Regional Planning program prepares graduates for a wide range of careers in the field of planning. Planners can choose to work for governmental agencies, private consulting firms or nonprofit organizations. Their chosen career can target such issues as creating safe, attractive and healthy neighborhoods; providing affordable housing; and building accessible, efficient and environmentally friendly transportation systems. Students have the opportunity to pursue internships for academic credit with selected agencies and private firms while they are in school. This "real world" experience helps students to become more competitive in the job market upon graduation.

All M.U.R.P. students will be required to show proof of having completed at least an acceptable introductory-level statistics course and an introductory-level economics course before entering the program, or will be required to complete such a course during their first semester of attendance.

- Students will demonstrate a knowledge of the history, theory, legal framework and professional practice of urban and regional planning.
- Students will demonstrate research and analytical skills relevant to planning practice.
- Students will demonstrate the professional skills required in the practice of planning including skills in the area of written, graphic and communication, plan creation and implementation, planning process methods, and leadership.

Overview

- 45 - total hours needed to complete the degree (excluding deficiencies or prerequisites)
- 18 credit hours of required courses
- credit hours of courses in an area of specialization
- Either MURP 6720 Practicum in Urban and Regional Planning or MURP 7000 Thesis Research (3 credit hours)
- 15 credit hours of approved electives

Students should check with the department about any revisions approved for the program which may not be reflected in this catalog.

Program Specializations

Students have a choice of five areas of specialization within the program. Each specialization requires 9 credit hours of coursework. The five areas of specialization are Environmental/Hazards Planning, Historic Preservation, Housing and Community Economic Development, Land Use/Urban Design, and Transportation Planning. Students may complete coursework in 2 areas of specialization. Course substitutions are permissible with department approval.

Joint JD/ MURP Program

This program, unique in Louisiana, offers a combined planning degree and legal education through Loyola School of Law for those persons seeking a career in land use law and development. Applicants must apply separately and be admitted to the MURP program at UNO and to the Loyola School of Law. Normal degree requirements of each program are reduced by a common core of nine credit hours of approved elective courses that count toward both programs. The requirements for both degrees must be completed before either degree is awarded.

Financial Aid

Assistantships for nine months are available for a limited number of qualified applicants. The student will devote approximately half-time (20 hours per week) to research work. In addition, a number of assistantships are located off-campus in planning and planning related agencies.

Urban Construction Management

About the Degree

The B.S. in Urban Construction Management degree at UNO can be obtained by completing 120-credit-hour coursework over a period of 4 years.

The rapid speed and widespread extent of urbanization will demand amplified basic services for the citizens including affordable housing, reliable water, wastewater, and storm water management systems, well-planned transportation provisions, and other efficient civil infrastructure utilities. Practicing engineers, designers, and construction managers currently face the challenge of changing the status quo of their work and adapting their design/management methods to embed sustainable thought process throughout all of their decision making methods. The University of New Orleans' Construction Management degree focuses on urban residential and commercial development coupled with rehabilitation and restoration of existing municipal infrastructures and historic preservation.

Student Learning Outcomes

Upon completing the Bachelor of Science in Urban Construction Management degree from the University of New Orleans, the student will be able to:

- Describe different urban residential and commercial construction techniques;
- Evaluate sustainability principles in planning, design, and construction of an urban construction project;
- Manage an urban construction project effectively; and
- Formulate restoration plan and manage rehabilitation of a historic construction.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- PHIL 2201 - Ethics - **Credits: 3**
- FTA 2650 - Oral Communications - **Credits: 3**
- English Literature - **Credits: 3**
(Please choose Literature from the Gen Ed Menu.)

Social Sciences

- ANTH 1010 - Peoples of the World - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Arts

- Art Elective - **Credits: 3**
(Please choose Art Elective from the Gen Ed Menu.)

Major Requirements

- ENCM 1000 - Introduction to Urban Construction Management - **Credits: 2**
- ENCM 2100 - Construction Graphics - **Credits: 3**
- ENCM 2300 - Urban Architectural Design in Construction - **Credits: 3**
- ENCM 2311 - Construction Materials Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- ENCM 2350 - Structure I - **Credits: 3**
- ENCM 3130 - Urban Construction Techniques & Methods - **Credits: 3**
- ENCE 3391 - Construction Pr Management - **Credits: 3**
- URBN 3710 - Fundamentals of Urban Design - **Credits: 3**

- ENCM 3200 - Construction Codes, Documents, and Specifications - **Credits: 3**
- ENCM 3340 - Soils and Equipment (tbd) - **Credits: 3**
- ENCM 3350 - Advanced Structures (tbd) - **Credits: 3**
- ENCM 3600 - Construction Estimating (tbd) - **Credits: 3**
- ENCM 3620 - Construction Scheduling (tbd) - **Credits: 3**
- ENCM 3800 - Construction Finance and Feasibility (tbd) - **Credits: 3**
- ENCM 4500 - MEP Construction (tbd) - **Credits: 3**
- ENCM 4600 - Construction Safety Regulations (tbd) - **Credits: 3**
- ENCM 4610 - Historic Structures Restoration and Preservation (tbd) - **Credits: 3**
- ENCM 4630 - Construction Law and Contracts (tbd) - **Credits: 3**
- ENCM 4640 - Sustainable Construction Techniques and Green Building (tbd) - **Credits: 3**
- ENCM 4700 - Computer Applications in Construction (tbd) - **Credits: 3**
- ENCM 4800 - Urban Construction Management Internship (tbd) - **Credits: 3**
- ENCM 4900 - Capstone Project (tbd) - **Credits: 3**

Other Requirements

- ENGR 1000 - Introduction to Engineering - **Credits: 1**
- URBN 1000 - Introduction to Cities - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**

Total Credit Hours: 120

Total Credit Hours: 120

Urban Studies and Planning, Accelerated Masters (BS & MURP)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Urban Studies and Planning and the Master of Urban and Regional Planning degree.

- Undergraduates may apply for the program during their third year of study.
- Undergraduates must have a cumulative undergraduate GPA of at least 3.2 to be conditionally admitted into a master's degree program.
- AM students may apply a maximum of 12 graduate hours to the baccalaureate degree. These courses may be applied to the baccalaureate degree:
- MURP 6020 Analytic Methods for Planners
- MURP 6030 Social Policy Planning
- MURP 6620 Planning History, Theory & Practice
- MURP 6710 Urbanism and Urban Design
- Students can apply for and be admitted fully to the graduate program once they receive their baccalaureate degree and satisfy graduate program requirements for admission.

Urban Studies and Planning, B.S.

Student Learning Outcomes

- Students will be able to demonstrate their understanding of the environmental, economic and social processes that have shaped urbanization in and beyond the United States.
- Students will be able to demonstrate their ability to use both primary and secondary sources to explain urban and regional phenomena.
- Students will develop professional oral and written communication skills required to work in municipal and state public sector agencies, private sector development and planning firms, and nonprofit organizations (NOTE: If nonprofits, then we should highlight PADM nonprofit courses)

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 1116 **Credits: 3**

OR

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- Literature **Credits: 6**
- HIST/PHIL Elective **Credits: 3**

Social Sciences

- Social Science Elective **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- ENGL 2152 - Technical Writing - **Credits: 3**
- OR
- URBN 4670 - Grantwriting for Planners - **Credits: 3**⁸
- Statistics **Credits: 3**²
- Humanities/Social Science Elective **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- OR
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

- Social Sciences **Credits: 12**⁶
- General Electives **Credits: 15-18**⁸
- URBN/MURP Courses **Credits: 6**

Total Credit Hours: 45-48

Course Requirements for Major

- URBN 1000 - Introduction to Cities - **Credits: 3**
- URBN 2000 - The New Orleans Region - **Credits: 3**
- URBN 3002 - Introduction to Urban Studies - **Credits: 3**
- MURP 4200 - American City Planning - **Credits: 3**
- URBN, MURP, GEOG and related courses from support areas **Credits: 9-24**^{7,8,9}

Total Credit Hours: 21-36

Course Requirements for Geography Concentration

- GEOG Courses **Credits: 12**

Total Credit Hours: 12

Course Requirements for Urban Planning Concentration

- MURP Courses **Credits: 12**

Total Credit Hours: 12

Course Requirements for Transportation Concentration

- URBN 2100 - Globalization and Mobility - **Credits: 3**
- MURP Courses **Credits: 6**¹⁰
- URBN 3150 - The Suburbs and Car Culture - **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- SOC 2707 (recommended), POLI 2900; MATH 2314; MATH 2785 is only for COB students
- 6 hours from the fields, select from: **ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**. Check General Education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hour must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- FTA (theatre/dance/film related course, FA or MUS). Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Twelve hours of Social Science electives, and at least 6 hours at 2000 level or above.
- Choose 8 courses from any 3000 level or 4000 level from URBN, MURP, PADM, and GEOG.
- Students who take URBN 4670 in lieu of ENGL 2152 have an additional 3 credit hour elective.
- Students may select a 12-credit hour concentration, but a formal concentration is not required for degree purposes.
- Check with your advisor about which courses will fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- BIOS **Credits: 3**
- Math #1 **Credits: 3**
- URBN 1000 - Introduction to Cities - **Credits: 3**
- Physical Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Arts **Credits: 3**
- Math # 2 **Credits: 3**
- BIOS or Physical Science **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
OR
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- URBN 2100 - Globalization and Mobility - **Credits: 3**
- Literature #1 **Credits: 3**
- HIST/PHIL elective **Credits: 3**
- Statistics **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- URBN 2000 - The New Orleans Region - **Credits: 3**
- Literature #2 **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- URBN 4670 - Grantwriting for Planners - **Credits: 3**
- Social Science #1 **Credits: 3**
- Social Science #2 **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- MURP 4200 - American City Planning - **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- Social Science #3 **Credits: 3**
- Social Science #4 **Credits: 3**

Total Credit Hours: 15

Second Term

- URBN 3002 - Introduction to Urban Studies - **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- Social Science #5 **Credits: 3**
- Social Science #6 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- URBN, MURP or GEOG **Credits: 9**
- Elective **Credits: 6**

Total Credit Hours: 15

Second Term

- URBN or MURP or GEOG **Credits: 9**
- Elective **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Urban Studies, M.S.

The highly interdisciplinary M.S.U.S. program offers training in a broad range of urban phenomena for persons who desire to enter such fields as cultural resource management, historic preservation, law, journalism, education, law enforcement, business, and other urban-related professions, or to further their study of cities and regions at the doctoral level. The M.U.R.P. program is fully accredited by the American Planning Association (APA) and consists of professional training in planning cities and regions with special emphasis on the social, economic, environmental, political and physical aspects of metropolitan areas. The objective of the program is to prepare students for planning careers in city, regional, state and federal agencies; private consulting firms; public service organizations; and other public or private institutions. The program of study leading to the Doctor of Philosophy in Urban Studies enables students of exceptional ability to undertake advanced study and original research in the fields of urban affairs, urban history and urban and regional planning. The doctoral program's mission is to prepare students for careers in scholarly activity, applied research, and advanced policy analysis.

Admission for MSUS AND MURP Programs

The Department of Planning and Urban Studies faculty has instituted admission requirements for entrance into the MSUS and MURP programs in addition to those of the Graduate School, which include above average academic competence as evidenced in undergraduate work and Graduate Record Examination (GRE) scores. The Department of Planning and Urban Studies faculty will also take relevant experience into account, although it is not a specific requirement for application.

- Students will develop knowledge about contemporary urbanization trends and major urban studies topics.
- Students will develop in-depth knowledge in a defined area of specialization.
- Students will master the ability to read and understand both primary and secondary sources in urban studies.
- Students will become knowledgeable about both qualitative and quantitative research methods and analytical techniques.
- Students will gain and display competency in creating and communicating professional standards in their work.

Degree Requirements

The flexibility of the M.S.U.S. program has allowed students to pursue career fields that are emerging and may not be covered in more structured and traditional masters programs. There are strong subfields in Applied Urban Anthropology and Cultural Resource Management offered in conjunction with the UNO Department of Anthropology and Sociology, as well as Urban Planning and Historic Preservation subfields.

Overview

Thesis track

- 33-34 total credit hours
- 15 hours of core curriculum coursework
- 15-16 hours of specialization coursework
- 3 hours of thesis research
- Thesis

Non thesis track

- 36-37 total credit hours
- 15 hours of core curriculum coursework
- 21-22 hours of specialization coursework
- Comprehensive exam

Prerequisite Courses

An undergraduate economics course and an undergraduate statistics courses are the prerequisites for the M.S.U.S. program.

Core Courses

Urban Core:

Each student must take two of the following:

- URBN 6000 - Seminal Research - **Credits: 3** (may be repeated for credit)
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**

- **URBN 6510 - Urb-Rural Issues Dev Countries - Credits: 3**

One urban studies seminar at the 6000 level or above offered by the Department of Planning and Urban Studies, the Department of Anthropology and Sociology, or the Department of History and Philosophy. Students may substitute courses from other departments with permission of the course instructor and the M.S.U.S. graduate coordinator.

Methods:

- **URBN 6005 - Statistics for Urban Analysis - Credits: 3**
- **ANTH 5070 - Qualitative Research - Credits: 3**

Substantive Areas

Students must choose five to seven courses from one of the following substantive areas. Students in the geography track must take an additional 1 credit hour course. Required courses for each substantive area are available from the MSUS coordinator.

- Applied Urban Anthropology
- Urban Planning
- Cultural Resource Management
- Historic Preservation

With the graduate coordinator's written consent, a student may submit another substantive area which is subject to approval by the Urban Studies faculty.

Master of Science in Urban Studies: Applied Urban Anthropology Concentration

The Master of Science in Urban Studies Applied Urban Anthropology Degree will provide students with training in qualitative research methods and valuable fieldwork experiences. Fieldwork may include cultural preservation management projects, historic archaeology, policy evaluation, folklore research projects and internships in local government and non-profit organizations. Graduates with the Master of Science in Urban Studies - urban anthropology degree will be well prepared to work professionally as well as continue in doctoral study.

Students in this concentration are eligible to earn UNO's Historic and Cultural Preservation Certificate.

Master of Science in Urban Studies: Geography Concentration

The Master of Science in Urban Studies Geography Degree will provide students with an advanced understanding the geographer's craft, including an ability to pose and analyze geographical problems using geographical tools and techniques, and to defend conclusions based on geographical research. Students in this concentration are eligible to earn UNO's Geographic Information Systems Certificate.

Master of Science in Urban Studies: Urban Criminology Concentration

The Master of Science in Urban Studies Urban Criminology Concentration is designed to provide students with training in the theories and research methods pertinent to the fields of crime, criminal justice, and law enforcement with specific resources to U.S. cities and metropolitan areas. Graduates of the Master of Science in Urban Studies degree program who successfully complete the urban criminology concentration will be prepared to further their professional careers in criminology-related areas or undertake additional study at the doctoral level. Students should check with the department about any revisions approved for the program, but which may not be reflected in this catalog, or visit the department website at www.uno.edu/cola/planning-and-urban-studies

Urban Studies, Ph.D.

Student Learning Outcomes

- Graduates will demonstrate an ability to synthesize urban studies scholarship, apply existing knowledge to diverse urban and regional questions, and create original interpretations of urban and regional debates.
- Graduates will demonstrate to their ability to use urban studies scholarship for original policy analysis and to design applied research.
- Students will demonstrate sufficient advanced knowledge in a subfield along with relevant methods to make an original contribution to the body of urban studies knowledge.
- Students will demonstrate an ability to evaluate both qualitative and quantitative urban and regional scholarship

Admission

The program of study leading to the Doctor of Philosophy in Urban Studies program enables students of exceptional ability to undertake advanced study and original research in the fields of urban affairs, urban history, and urban and regional planning. The primary goal of the program is to prepare people for careers in scholarly activity, applied research, and high caliber policy analysis. Although many graduates will undertake applied research and policy analysis outside of academic settings, the program provides a sound foundation for teaching and research in emphasizes command of the literature in a particular area of scholarship and mastery of the research skills necessary to make original contributions to that literature.

Students admitted to the Ph.D. in Urban Studies program will typically have a master's degree in urban studies, urban planning, public administration, anthropology, architecture, history, or a related discipline. In some cases students admitted to the program may be required to undertake additional preparation appropriate to their major fields of study or areas of specialization.

Admission requirements for the Ph.D. in Urban Studies program include a minimum graduate grade point average of 3.0, an undergraduate grade point average of 3.0 or higher, a score of 150 or higher on the quantitative reasoning portion of the GRE, a score of 150 or higher on the verbal reasoning portion of the GRE, and a score of at 5.0 or higher on the analytical writing portion of the GRE. The admissions committee may relax some admission requirements if applicants' records show substantial professional or scholarly achievement.

Degree Requirements

Students must earn a minimum of 60 semester credit hours beyond the bachelor's degree with a grade point average of 3.0 or higher, including a minimum of nine credit hours for dissertation research. All courses must be approved by the Department of Planning and Urban Studies and the Graduate School. Students are required to earn a B or higher in all required courses. For their other courses, students will be allowed two course grades of C or lower. Students who receive a third C while in the Ph.D. in Urban Studies program must withdraw from the program for at least one semester.

Students may count up to a maximum of 30 graduate credit hours earned after the baccalaureate degree program toward Ph.D. in Urban Studies program requirements. All previous coursework counted toward the Ph.D. in Urban Studies program requirements must be approved by the Ph.D. graduate coordinator and the Graduate School and, if approved, will be covered on a written comprehensive examination that all urban studies doctoral students must pass before advancing to candidacy.

Fields of specialization include

- Urban Affairs,
- Urban History, and
- Urban and Regional Planning
- Transportation

Overview

60 credit hours beyond the baccalaureate degree:

- Core Curriculum (nine credit hours)
- DURB 6850
- DURB 6830
- One additional 6000-level seminar course depending on field of specialization
- Research Design and Methods (3-15 credit hours, depending on prior preparation; DURB 7030 is required for all students)
- DURB 7050 - Dissertation Research (nine credit hours)

Major and Minor Fields of Study/Area of Specialization (up to 27 credit hours)

Course substitutions are permissible with approval from the program coordinator.

Students choose from four major fields of study: urban affairs, urban history, urban planning, and transportation. They select a group of courses that provide a foundation in the theory and methods of their chosen field and a set of additional courses that constitutes an area of specialization. Typically, foundation courses are completed as part of a previous master's degree program. Students who do not have a master's degree in their major field or in a related field should expect to take courses sufficient to demonstrate knowledge of the basic theory, concepts, and methods of their major fields of study.

Students select a group of courses that form an area of specialization within their major fields of study. As a rough rule of thumb, students should expect to complete at least 15 credit hours of coursework in their areas of specialization. The courses may be offered in the Department of Planning and Urban Studies or other departments at the University of New Orleans.

Students define their areas of specialization in consultation with a faculty advisor and the Ph.D. graduate coordinator. The courses must be mutually reinforcing and coherent; assure expertise in some body of knowledge, methods, or problem area; and provide students with adequate skills and knowledge to undertake dissertation research, teach, and carry out original research in their areas of specialization. Students are expected to develop knowledge of the body of relevant theory in their areas of specialization, usually by taking courses in the social sciences, history, or planning; demonstrate an ability to apply theory and methods to specific problems; and develop a general proficiency in research design and methods. Areas of specialization available to urban studies doctoral students include, but are not limited to, urban development, urban anthropology, social policy, social and cultural change, public culture, public history, cultural resource management, and historic preservation.

Students may, at their own option, define a minor field of study. Within the minor field, students must complete at least nine credit hours in a set of courses approved in advance by the faculty advisor and the Ph.D. graduate coordinator. (Students may have completed some of the coursework as part of a master's degree program.) Courses students complete in the minor field may constitute an independent body of knowledge, or they may support the area of specialization developed in the major field.

Students should check with the department about any revisions approved for the program, but which may not be reflected in this catalog, or visit the department website at www.uno.edu/cola/planning-and-urban-studies.

Women's and Gender Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Women's and Gender Studies. The purpose of this Minor is to acquaint the student with current and historical knowledge of the fields of Women's and Gender Studies. The Minor signifies the student has a basic and general understanding of existing scholarship on women and gender.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
 - Completion of WGS 2010, Introduction to Women's, Gender and Sexuality Studies.
 - Credit in courses on Women's and Gender Studies, to be approved by the Director of Women's and Gender Studies, for a total of 18 credit hours with a 2.0 grade point average, to include at least 50% of the credit hours at the 3000 level or above.
 - To complete the 18 credit hours, the student must choose from a minimum of three disciplines, with no more than six credit hours from any one discipline.
- Interested students can contact the Director of the Women's and Gender Studies Program through the College of Liberal Arts, Education and Human Development office.

Courses of Instruction

Accounting

ACCT 2100 - Principles of Accounting

ACCT 2130 - Management Accounting

ACCT 3090 - Internship in Accounting

ACCT 3091 - Internship in Accounting

ACCT 3120 - Accounting Lab

ACCT 3121 - Intermediate Accounting I

ACCT 3122 - Intermediate Accounting II

ACCT 3123 - Adv Financial Accounting

ACCT 3124 - Governmental Accounting

ACCT 3131 - Cost Accounting I

ACCT 3141 - Accounting Info Systems

ACCT 3152 - Tax Accounting I

ACCT 3161 - Auditing

ACCT 3191 - Independent Study

ACCT 3999 - Senior Honors Thesis

ACCT 4110 - CPA Review

ACCT 4142 - IT Audit & Adv Acct Info Sys

ACCT 4152 - Tax Accounting II

ACCT 4154 - Estate & Gift Taxation

ACCT 4162 - Advanced Auditing
ACCT 4167 - Internal Auditing
ACCT 4168 - Operational Auditing
ACCT 4190 - Contemporary Accounting Topics
ACCT 4195 - Internship Internal Auditing
ACCT 5110 - CPA Review
ACCT 5142 - IT Audit & Adv Acct Info Sys
ACCT 5152 - Tax Accounting II
ACCT 5154 - Estate & Gift Taxation
ACCT 5162 - Advanced Auditing
ACCT 5167 - Internal Auditing
ACCT 5168 - Operational Auditing
ACCT 5180 - Oil & Gas Accounting
ACCT 5190 - Contemporary Accounting Topics
ACCT 5400 - Intro to Fin Acct
ACCT 6125 - Studies in Accounting Theory
ACCT 6130 - Adv Acct Analy Decision Making
ACCT 6131 - Accounting in Health Care
ACCT 6133 - Study in Managerial Accounting
ACCT 6143 - Sem Accounting Info System
ACCT 6151 - Federal Tax Practice
ACCT 6153 - Tax Corp & Shareholders
ACCT 6156 - Adv Tax of Partners
ACCT 6159 - International Taxation
ACCT 6163 - Seminar in Auditing
ACCT 6167 - Internal Auditing Concepts
ACCT 6168 - Internal/Operational Auditing
ACCT 6169 - Fraud Examination
ACCT 6173 - State & Local Taxation
ACCT 6185 - Strategic Business Planning
ACCT 6190 - Contemporary Tax Acct Topics

ACCT 6191 - Sem Contemporary Acct Topics

ACCT 6192 - Special Topics - Accounting

ACCT 6194 - Internship in Accounting

ACCT 6195 - Directed Study

ACCT 7040 - Examination or Report Only

Aerospace Studies

AERO 1001 - Foundations USAF I

AERO 1002 - Foundations USAF II

AERO 1041 - Foundations USAF I Lab

AERO 1042 - Foundations USAF II Lab

AERO 1201 - Evolut. of USAF Air and Space

AERO 1202 - Dev. of Air Power II

AERO 1241 - Development of Air Power I Lab

AERO 1242 - Development Air Power II Lab

AERO 3001 - Leadership Studies I

AERO 3002 - Leadership Studies II

AERO 3041 - Leadership Studies I Lab

AERO 3042 - Leadership Studies II Lab

AERO 3401 - National Security Affairs I

AERO 3402 - Nat Security Affairs II

AERO 3441 - Nat Security Affairs I Lab

AERO 3442 - Nat Security Affairs II Lab

Anthropology

ANTH 1010 - Peoples of the World

ANTH 1020 - Fads Fallacies & Human Origins

ANTH 1030 - America as a Foreign Culture

ANTH 2051 - Human Origins

ANTH 2052 - Cultural Anthropology

ANTH 2232 - World Archeology

ANTH 2992 - Independent Work

ANTH 2993 - Independent Work

ANTH 3090 - Special Topics Cultural Anth
ANTH 3095 - New Orleans Public Culture
ANTH 3201 - Field Methods Archeology
ANTH 3215 - North American Archeology
ANTH 3220 - Arch of New Orleans
ANTH 3240 - Arch of African Diaspora
ANTH 3295 - Lab Techniques Field Arch
ANTH 3301 - Doing Ethnography
ANTH 3315 - Caribbean Peoples & Cultures
ANTH 3320 - Amazonia:People,Culture,Nature
ANTH 3330 - Latin America
ANTH 3340 - People & Culture Europe
ANTH 3351 - People & Culture Africa
ANTH 3370 - People & Culture Pacific
ANTH 3401 - Folklore
ANTH 3402 - Storytelling and Culture
ANTH 3750 - Food and Culture
ANTH 3896 - Senior Honors Thesis
ANTH 4070 - Qualitative Research
ANTH 4075 - Life Hist, Identity & Autonomy
ANTH 4090 - Advanced Topics in Cultrl Anth
ANTH 4330 - Gender & Power in Lat America
ANTH 4440 - Religion Magic and Witchcraft
ANTH 4666 - Shamanism, Curing and Healing
ANTH 4721 - Cultural Resources Management: Theory & Practice
ANTH 4765 - Ethnicity in Contemp Society
ANTH 4766 - Sex and Gender
ANTH 4768 - Anthropology and Policy
ANTH 4772 - Applied Anthropology
ANTH 4775 - Urban Anthropology
ANTH 4780 - Film and Anthropology

ANTH 4790 - Internship in Anthropology
ANTH 4801 - Hist of Anthropological Theory
ANTH 4825 - Contemp Archaeological Theory
ANTH 4888 - Anthropology of the Body
ANTH 4990 - Independent Study
ANTH 4991 - Adv Field Res in Anthropology
ANTH 4995 - Anthro of Contemporary Issues
ANTH 5070 - Qualitative Research
ANTH 5075 - Life Hist, Identity & Autonomy
ANTH 5090 - Advanced Topics in Cultrl Anth
ANTH 5330 - Gender & Power in Lat America
ANTH 5440 - Religion Magic and Witchcraft
ANTH 5666 - Shamanism, Curing and Healing
ANTH 5721 - Cultural Resources Management: Theory & Practice
ANTH 5723 - Historic Site Archaeology
ANTH 5765 - Ethnicity in Contemp Society
ANTH 5766 - Sex and Gender
ANTH 5767 - Race & Racism
ANTH 5768 - Anthropology and Policy
ANTH 5772 - Applied Anthropology
ANTH 5775 - Urban Anthropology
ANTH 5777 - Transnational Processes
ANTH 5780 - Film and Anthropology
ANTH 5790 - Internship in Anthropology
ANTH 5801 - Hist of Anthropological Theory
ANTH 5825 - Contemp Archaeological Theory
ANTH 5888 - Anthropology of the Body
ANTH 5990 - Independent Study
ANTH 5991 - Adv Field Res in Anthropology
ANTH 5995 - Anthro of Contemporary Issues
ANTH 6052 - Adv Cultural Anthropology

ANTH 6091 - Adv Res Problems in Urbn Anth

ANTH 6201 - Analysis Tech Writing CRM

ANTH 6301 - Material Culture

ANTH 6801 - Cultr & Soc Theory

Arts

ARTS 1000 - Intro to the Arts

Arts & Sciences (Honors)

A&S 1119 - Structures of Western Thought

A&S 2900 - Euro Civil Field-Based Lrning

A&S 2999 - Forms of Inquiry

A&S 3099 - Honors Colloquium

A&S 3999 - Senior Honors Thesis

A&S 4000 - Honors Capstone

Arts Administration

AADM 3300 - Basic Overview of Theatre for

AADM 3301 - Basic Overview of Visual Arts

AADM 3302 - Basic Overview of Music for Ar

AADM 4300 - Basic Concepts of Development

AADM 4302 - Basics of Arts Marketing

AADM 4303 - Technology for Arts Administra

AADM 4304 - Economic Context of the Arts

AADM 4305 - Arts and the Law

AADM 4310 - Cultural and Arts Institutions

AADM 6090 - Arts Adm Ind Study

AADM 6200 - Arts Organizations & Business

AADM 6223 - Nonprofit Finance

AADM 6246 - Arts Tech Overview

AADM 6501 - Development for Arts Orgs

AADM 6502 - Arts Admn Legal & Bus Appl

AADM 6503 - Marketing the Arts

AADM 6506 - Musical Overview Arts Administ

AADM 6507 - Research in the Arts

AADM 6508 - Arts Leadership

AADM 6509 - Arts Educ for Admin

AADM 6601 - Writing & Pres for Art Adm

AADM 6605 - Seminar in Arts Administration

AADM 6607 - Public Arts Policy

AADM 6609 - Arts and Community

AADM 6610 - Public Relations in the Arts

AADM 6611 - Branding in the Arts

AADM 6620 - Fundraising Event Planning

AADM 6621 - Grant Writing

AADM 6690 - AADM Special Topics

AADM 6900 - Practicum in Arts Admin

AADM 6990 - Internship Arts Administration

AADM 7000 - Thesis Research

AADM 7040 - Examination or Report Only

Biological Sciences

BIOS 1001 - Freshman Bio Seminar

BIOS 1002 - Biology Freshman Learning Comm

BIOS 1053 - Human Biol Non-Sci

BIOS 1063 - Biodiversity Non-Sci

BIOS 1071 - Biology II Laboratory

BIOS 1073 - Biology II

BIOS 1081 - Biology I Laboratory

BIOS 1083 - Biology I

BIOS 1301 - Human Anatomy & Phys Lab

BIOS 1303 - Human Anatomy & Phys

BIOS 1311 - Human Anatomy & Phys Lab

BIOS 1313 - Human Anatomy & Phys II

BIOS 2002 - Internship in Biology

BIOS 2014 - Population Genetics Evol Ecol
BIOS 2082 - UGRAD Teaching Apprenticeship
BIOS 2090 - Soph Special Topics Bio
BIOS 2092 - Sophomore Research
BIOS 2114 - Cell & Molecular Biology
BIOS 2313 - Nutrition
BIOS 2553 - Evolution
BIOS 2663 - Environmental Biology
BIOS 2741 - Micro & Human Dis Lab
BIOS 2743 - Micro Human Disease Lec
BIOS 2904 - Introduction Marine Zoology
BIOS 2914 - Introduction Marine Science
BIOS 3091 - Undergraduate Seminar
BIOS 3092 - Independent Research
BIOS 3113 - Immunology
BIOS 3284 - Histology & Cytology
BIOS 3354 - Vertebrate Physiology
BIOS 3373 - Neurobiology
BIOS 3453 - Genetics
BIOS 3490 - Spec Topics Phys & Cell Bio
BIOS 3590 - Spec Topics Organismic Biology
BIOS 3651 - General Ecology Laboratory
BIOS 3653 - General Ecology
BIOS 3854 - General Botany
BIOS 3924 - Marine Biology
BIOS 3953 - General Parasitology
BIOS 4010 - Senior Comprehensive Exam
BIOS 4091 - Senior Honors Thesis
BIOS 4103 - Biochemistry I
BIOS 4113 - Biochemistry II
BIOS 4153 - Molecular Biology

BIOS 4173 - Molecular Biotechnology
BIOS 4314 - Comparative Vertebrate Anatomy
BIOS 4353 - Comparative Animal Physiology
BIOS 4413 - Developmental Biology
BIOS 4453 - Human Genomics
BIOS 4454 - Genomics & Bioinformatics
BIOS 4490 - Spec Topics Phys & Cell Bio
BIOS 4524 - Evolutionary Mechanisms
BIOS 4534 - Conservation Biology
BIOS 4543 - Habitats Org Biodiv
BIOS 4590 - Spec Topics Organismic Biology
BIOS 4644 - Animal Behavior
BIOS 4713 - Advanced Microbiology
BIOS 4723 - Virology
BIOS 4844 - Plant Taxonomy
BIOS 4914 - Biology of Fishes
BIOS 4933 - Marine Ecology
BIOS 4933 - Marine Ecology
BIOS 4974 - Entomology
BIOS 5103 - Biochemistry I
BIOS 5113 - Biochemistry II
BIOS 5153 - Molecular Biology
BIOS 5173 - Molecular Biotechnology
BIOS 5314 - Comparative Vertebrate Anatomy
BIOS 5353 - Comparative Animal Physiology
BIOS 5413 - Developmental Biology
BIOS 5453 - Human Genomics
BIOS 5454 - Genomics & Bioinformatics
BIOS 5490 - Spec Topics Phys & Cell Bio
BIOS 5524 - Evolutionary Mechanisms
BIOS 5534 - Conservation Biology

BIOS 5543 - Habitats Org Biodiv
BIOS 5590 - Spec Topics Organismic Biology
BIOS 5644 - Animal Behavior
BIOS 5713 - Advanced Microbiology
BIOS 5723 - Virology
BIOS 5844 - Plant Taxonomy
BIOS 5914 - Biology of Fishes
BIOS 5934 - Marine Invertebrate Zoology
BIOS 5974 - Entomology
BIOS 6002 - Internship Health Professions
BIOS 6003 - M.S. Capstone Project in BIO
BIOS 6013 - Topics Biochemistry & Physio
BIOS 6022 - Scientific Communication
BIOS 6023 - Topics in Cell & Molec Biology
BIOS 6052 - Systematics & Evol Seminar
BIOS 6053 - Topics in Systematics & Evol
BIOS 6062 - Ecology & Evolution Seminar
BIOS 6063 - Topics in Ecology & Envir Sci
BIOS 6073 - Spec Topics Organismal Biology
BIOS 6090 - Biological Problems
BIOS 6091 - Graduate Seminar
BIOS 6093 - Topics in Integrative Biology
BIOS 6113 - Advanced Cell Biology
BIOS 6713 - Medical Microbiology
BIOS 7000 - Thesis Research
BIOS 7040 - Examination or Report Only
BIOS 7050 - Dissertation Research

Business Administration

BA 1000 - Intro Business Administration
BA 1001 - Intro to Entrepreneurship
BA 2780 - App Software for Business

BA 3010 - Legal Environment of Business

BA 3021 - Business Law

BA 3080 - Corporate Social Responsibility

BA 3090 - Internship in Entrepreneurship

BA 3091 - Indep Study Entrepreneurship

BA 3200 - Leadership and Entrepreneurship

BA 4048 - International Business Law

BA 4056 - Business Planning

BA 5048 - International Business Law

BA 5056 - Business Planning

BA 6011 - HRM in Health Care Settings

BA 6097 - Spec Topics - Business Admin

BA 6780 - Survey Decision Making Tools

BA 7040 - Examination or Report Only

Chemistry

CHEM 1000 - Freshman Seminar Chem Majors

CHEM 1001 - Lights, Camera, ACTION

CHEM 1002 - Life, Universe and Everything

CHEM 1003 - Fundamentals of Environmental Chemistry

CHEM 1007 - Gen Chem Lab I

CHEM 1008 - Gen Chem Lab II

CHEM 1012 - Introductory Chemistry

CHEM 1017 - General Chemistry I

CHEM 1018 - General Chemistry II

CHEM 1110 - Intro Forensic Sci

CHEM 2000 - Soph Seminar Chem Majors

CHEM 2017 - Organic Chem Lab 1

CHEM 2025 - Quantitative Analysis Lab

CHEM 2117 - Quantitative Analysis

CHEM 2217 - Organic Chemistry I

CHEM 2310 - Chemical Computing

CHEM 3018 - Org Chem Lab II
CHEM 3027 - Advanced Synthesis Lab
CHEM 3091 - Chemistry Internship
CHEM 3092 - Undergrd Teach Appr
CHEM 3094 - Undergraduate Research
CHEM 3096 - Directed Study
CHEM 3099 - Senior Honors Thesis
CHEM 3110 - Forensic Chemistry
CHEM 3218 - Organic Chemistry II
CHEM 3310 - Principles of Phys Chemistry
CHEM 3411 - Desc Inorganic Chemistry
CHEM 3510 - Foundations of Biochemistry
CHEM 3610 - Materials Chemistry
CHEM 3710 - Medicinal Chemistry
CHEM 4000 - Senior Comprehensive Exam
CHEM 4028 - Physical & Inorganic Chem Lab
CHEM 4030 - Lab Meth Instrumental Analysis
CHEM 4110 - Instrumental Analysis
CHEM 4210 - Intermediate Organic Chemistry
CHEM 4310 - Physical Chemistry
CHEM 4311 - Physical Chemistry
CHEM 4410 - Advanced Phys Inorg Chemistry
CHEM 4510 - Biochemistry I
CHEM 4511 - Biochemistry II
CHEM 4810 - Environmental Organic Chemistry
CHEM 5028 - Physical & Inorganic Chem Lab
CHEM 5030 - Lab Meth Instrumental Analysis
CHEM 5110 - Instrumental Analysis
CHEM 5210 - Intermediate Organic Chemistry
CHEM 5310 - Physical Chemistry
CHEM 5311 - Physical Chemistry

CHEM 5410 - Advanced Phys Inorg Chemistry
CHEM 5510 - Biochemistry I
CHEM 5511 - Biochemistry II
CHEM 5810 - Environmental Organic Chemistry
CHEM 6007 - Experimental Chem Teachers III
CHEM 6090 - Spec Readings Adv Chemistry
CHEM 6091 - Spec Readings Adv Chemistry
CHEM 6092 - Spec Readings Adv Chemistry
CHEM 6093 - Spec Readings Adv Chemistry
CHEM 6095 - Seminar
CHEM 6096 - Dir Studies Adv Chem
CHEM 6115 - Spec Top Analytical Chemistry
CHEM 6117 - Advanced Mass Spectrometry
CHEM 6211 - Synthetic Organic Chemistry
CHEM 6214 - Advances in Organic Chemistry
CHEM 6316 - Special Topics Physical Chem
CHEM 6496 - Spec Topics Adv Inorg Chem
CHEM 6610 - Characterization of Materials
CHEM 6620 - Intro Micro Mat Char
CHEM 6621 - Advan Micro Mat Char
CHEM 6696 - Special Topics Materials Chem
CHEM 6710 - Medicinal Chemistry
CHEM 7000 - Thesis Research
CHEM 7025 - Proc & Prob in Chemical Res
CHEM 7040 - Examination or Report Only
CHEM 7050 - Dissertation Research
CSCI 4452 - Cloud Computing

Chinese

CHIN 1001 - Basic Chinese I
CHIN 1002 - Basic Chinese II

Civil and Environmental Engineering

ENCE 2302 - Civil Eng Comp & Gr Lecture
ENCE 2303 - Program Graphics Lab
ENCE 2310 - Elem Surveying Measurements
ENCE 2311 - Mechanics of Materials Lab
ENCE 2350 - Statics
ENCE 2351 - Mechanics of Materials
ENCE 3093 - Spec Prob in Civil Engineering
ENCE 3318 - Fluid Mechanics
ENCE 3326 - Environmental Engineering Lab
ENCE 3327 - Intro to Environmental Engr
ENCE 3340 - Geotechnical Engineering
ENCE 3341 - Soil Mechanics Laboratory
ENCE 3356 - Structural Analysis
ENCE 3390 - Basic Project Management
ENCE 3391 - Construction Pr Management
ENCE 3900 - Senior Honors Thesis
ENCE 4096 - Independent Study in Civ Eng
ENCE 4097 - Special Topics Civil Engr
ENCE 4313 - Remote Pilot & Drone App
ENCE 4316 - Sustainability Principles
ENCE 4318 - Hydraulic Engineering Systems
ENCE 4319 - Fluid Mech & Hyd Engr Lab
ENCE 4321 - Hydrology
ENCE 4322 - Water Supply & Sewer Systems
ENCE 4323 - Design Water/Wastewater Syst
ENCE 4325 - Waste Management
ENCE 4328 - Air Pollution Contrl
ENCE 4330 - Groundwater Engineering
ENCE 4340 - Foundation Engineering
ENCE 4358 - Structural Steel Design
ENCE 4359 - Structural Concrete Design

ENCE 4363 - Struc Des Wood Masn Alum Plast
ENCE 4364 - Steel Bridge Design & Construc
ENCE 4386 - Principles Transp & Hwy Engr
ENCE 4390 - Sr Civil Engr Design Project
ENCE 4399 - Civil Envir Engr Seminar
ENCE 4723 - Ocean & Coastal Engineering
ENCE 5096 - Independent Study in Civ Eng
ENCE 5097 - Special Topics Civil Engr
ENCE 5313 - Remote Pilot & Drone App
ENCE 5318 - Hydraulic Engineering Systems
ENCE 5319 - Fluid Mech & Hyd Engr Lab
ENCE 5321 - Hydrology
ENCE 5322 - Water Supply & Sewer Systems
ENCE 5323 - Design Water/Wastewater Syst
ENCE 5325 - Waste Management
ENCE 5328 - Air Pollution Contrl
ENCE 5330 - Groundwater Engineering
ENCE 5340 - Foundation Engineering
ENCE 5358 - Structural Steel Design
ENCE 5359 - Structural Concrete Design
ENCE 5363 - Struc Des Wood Masn Alum Plast
ENCE 5364 - Steel Bridge Design & Construc
ENCE 5386 - Principles Transp & Hwy Engr
ENCE 5723 - Ocean & Coastal Engineering
ENCE 6095 - Ind Special Project in Civ Eng
ENCE 6096 - Independent Study
ENCE 6097 - Adv Spec Topics Civil Engr
ENCE 6313 - Water Chemistry Lecture
ENCE 6314 - Water Chemistry Lab
ENCE 6322 - Hydr & Environmental Modeling
ENCE 6323 - Sediment Transport

ENCE 6325 - Solid Waste Management

ENCE 6329 - Design Coastal Hydraulic

ENCE 6332 - Water Trmt Process & Design

ENCE 6333 - Wastewater Trmt Proc & Design

ENCE 6334 - Sediment Transport

ENCE 6335 - Pollution Prevention

ENCE 6337 - Air Pol Metrlyg Atmos Disp Mdl

ENCE 6340 - Mechanical Behavior of Soils

ENCE 6342 - Dewatering & Grndwater Control

ENCE 6347 - Ground Improvement

ENCE 6349 - Deep Foundations

ENCE 6350 - Matrix Meth Structural Engr

ENCE 6353 - Adv Mechanics of Materials

ENCE 6355 - Theory Plates & Shells

ENCE 6357 - Geosynthetics

ENCE 6358 - Adv Steel Design

ENCE 6361 - Prestressed Concrete Design

ENCE 6382 - Geotechnical Instrumentation

ENCE 6383 - Soil Shear Strength

ENCE 6390 - Project Management

Computer Science

CSCI 1000 - Introduction to Computers

CSCI 1205 - Intro to Programming in C++

CSCI 1220 - Computational Data Analysis Python & R

CSCI 1581 - Software Design Lab I

CSCI 1583 - Software Design and Development I

CSCI 1621 - Cybersecurity for All

CSCI 2025 - Data Structures & Applications

CSCI 2120 - Software Design II

CSCI 2121 - Software Design Lab II

CSCI 2125 - Data Structures

CSCI 2450 - Machine Structure and Assembly Language Programming

CSCI 2467 - Systems Programming Concepts

CSCI 3080 - Ethics in Computing Profession

CSCI 3090 - Undergraduate Seminar

CSCI 3097 - Problems in Computer Science

CSCI 3099 - Senior Honors Thesis

CSCI 3102 - Intro to Theory of Computation

CSCI 3150 - File Structures & Network Prog

CSCI 3220 - Python for Data Science & Artificial Intelligence

CSCI 3301 - Computer Design & Organization

CSCI 4000 - Comprehensive Exam

CSCI 4101 - Analysis of Algorithms

CSCI 4125 - Data Models and DBS Syst

CSCI 4130 - Intro Cryptography

CSCI 4208 - Developing Advanced Web Applic

CSCI 4210 - Introduction to Software Engr

CSCI 4311 - Computer Networks & Telecomm

CSCI 4401 - Principles Operating Systems I

CSCI 4402 - Principles Operating Systms II

CSCI 4460 - Network Op & Defense

CSCI 4501 - Programming Language Structure

CSCI 4525 - Intro to Artificial Intelligen

CSCI 4535 - Natural Language Processing

CSCI 4567 - Bioinformatics I

CSCI 4568 - Bioinformatics II

CSCI 4587 - Machine Learning I

CSCI 4588 - Machine Learning II

CSCI 4595 - Topics in Bioinformatics

CSCI 4621 - Intro Cyber Security

CSCI 4622 - Reverse Engineering

CSCI 4623 - Digital Forensics

CSCI 4627 - Industrial Control Systems (ICS) Cybersecurity

CSCI 4631 - Principles Computer Graphics

CSCI 4632 - Principles of Image Processing

CSCI 4650 - Competition Programming

CSCI 4661 - Mobile Apps Dev

CSCI 4670 - Game Development

CSCI 4675 - Adv Game Development

CSCI 4990 - Special Topics CSCI

CSCI 5101 - Analysis of Algorithms

CSCI 5125 - Data Models and DBS Syst

CSCI 5130 - Intro Cryptography

CSCI 5208 - Developing Advanced Web Applic

CSCI 5210 - Introduction to Software Engr

CSCI 5311 - Computer Networks & Telecomm

CSCI 5401 - Principles Operating Systems I

CSCI 5402 - Principles Operating Systms II

CSCI 5452 - Cloud Computing

CSCI 5460 - Network Op & Defense

CSCI 5501 - Programming Language Structure

CSCI 5525 - Intro to Artificial Intelligen

CSCI 5535 - Natural Language Processing

CSCI 5567 - Bioinformatics I

CSCI 5568 - Bioinformatics II

CSCI 5587 - Machine Learning I

CSCI 5588 - Machine Learning II

CSCI 5595 - Topics in Bioinformatics

CSCI 5621 - Intro Cyber Security

CSCI 5622 - Reverse Engineering

CSCI 5623 - Digital Forensics

CSCI 5631 - Principles Computer Graphics

CSCI 5632 - Principles of Image Processing

CSCI 5661 - Mobile Apps Dev
CSCI 5670 - Game Development
CSCI 5675 - Adv Game Development
CSCI 5990 - Special Topics CSCI
CSCI 6090 - Advanced Problems in Comp Sci
CSCI 6101 - Theory of Algrthm & Complexity
CSCI 6110 - Appl Combinatorics & Grph Thry
CSCI 6120 - Theory of Computation
CSCI 6140 - Formal Languages
CSCI 6220 - Software Testing & QA
CSCI 6250 - Big Data Analytics and Systems
CSCI 6350 - Dev of Distributed Software
CSCI 6363 - Agile Software Engineering
CSCI 6401 - Concurrent Programming
CSCI 6450 - Principles Distributed Systems
CSCI 6452 - Cloud Computing
CSCI 6454 - Parallel & Sci Computing
CSCI 6521 - Advanced Machine Learning I
CSCI 6522 - Advanced Machine Learning II
CSCI 6587 - Adv Mach Lrng Bioinformatics I
CSCI 6588 - Adv Mach Lrng Bioin II
CSCI 6595 - Adv. Topics in Bioinformatics
CSCI 6603 - Prog Lang Security
CSCI 6621 - Network Security
CSCI 6625 - Network Penetration
CSCI 6627 - Industrial Control Systems Security
CSCI 6633 - Computer Vision
CSCI 6634 - Data Visualization
CSCI 6635 - Pattern Recognition
CSCI 6640 - Computational Geometry
CSCI 6645 - Planning Algorithms in AI

CSCI 6650 - Intelligent Agents

CSCI 6663 - Software security

CSCI 6990 - Topics in Adv Comp Sci

CSCI 7000 - Thesis Research

CSCI 7040 - Examination or Report Only

CSCI 7050 - Dissertation Research

Co-Operative Education - CE

COEN 1 - Coop Educ for Engr Majors

Co-Operative Education - LA

COBA 1 - Coop Educ for Bus Adm Majors

COLA 1 - Coop Educ for Lib Arts Majors

Co-Operative Education - SC

COSC 1 - Coop Educ for Science Majors

Counselor Education

EDGC 6090 - Independent Resrch Educ Found

EDGC 6330 - Career Counsln & Life Planning

EDGC 6400 - Theories of Counseling

EDGC 6420 - Life Span Human Gro

EDGC 6430 - Counseling Techniques

EDGC 6435 - Substance Abuse Counseling

EDGC 6439 - Advanced Counseling Theory

EDGC 6440 - Advanced Counseling Techniques

EDGC 6445 - Telemental Health Counseling

EDGC 6450 - Group Work

EDGC 6452 - Intro Multiculturl Counseling

EDGC 6460 - Supervsd Experience Group Work

EDGC 6530 - Student Services High Educ

EDGC 6535 - Diagnosis/Treatment Counseling

EDGC 6540 - Clinical Mental Counseling

EDGC 6550 - School Counseling

EDGC 6630 - Analysis of the Individual

EDGC 6660 - Crisis Intervention Counseling

EDGC 6810 - Introd to Supervision in Couns

EDGC 6830 - Couns Children & Adolescents

EDGC 6840 - Family Counseling

EDGC 6850 - Ethical & Professional Issues

EDGC 6852 - Adv Multicultural Counseling

EDGC 6860 - Introduction to Play Therapy

EDGC 6870 - Advanced Play Therapy

EDGC 6880 - Adv Counseling Intervention

EDGC 6896 - Mast Practicum Coun

EDGC 6897 - Mast Internship Coun

EDGC 6898 - Doc Practicum Coun

EDGC 6899 - Doc Internship Coun

EDGC 6991 - Doctoral Prac Coun Ed

EDGC 6993 - Spec Topics in Couns Education

EDGC 6995 - Ind Study Counselor Education

EDGC 6996 - Adv Supervision in Counseling

EDGC 6997 - Res Sem in Counselor Education

EDGC 6998 - Consult Couns Educ

EDGC 7040 - Examination or Report Only

EDGC 7050 - Dissertation Research

Curriculum and Instruction

EDCI 2204 - Intro to Secondary Education

EDCI 3140 - Matrl Meth Elem School Math

EDCI 3150 - Matrl Meth Elem School Science

EDCI 3152 - Sci Elem Teachers

EDCI 3160 - Matrl Meth Elem Sch Soc Stdies

EDCI 3310 - Dev Resp Curr Adolescents

EDCI 3311 - Field Exp: Dev Resp

EDCI 3340 - Methods Dev Alg/Geom Thinking

EDCI 3400 - Foundations of Literacy
EDCI 3410 - Instruc for Early Literacy Dev
EDCI 3425 - Literacy Instruc for Cont Lrng
EDCI 3440 - Pract in Corrective Reading
EDCI 3500 - Obs & Asmt Early Childhood CR
EDCI 3510 - Facilit Play PreK-3
EDCI 3520 - Classroom Mgt PreK-3
EDCI 3530 - Curricula Dev PreK-3
EDCI 3540 - Develop Logico-Math PreK-3
EDCI 3980 - Independent Study
EDCI 3999 - Honors Thesis
EDCI 4140 - Teaching Elem Math
EDCI 4201 - Field Exp: Subj Area
EDCI 4220 - Matrl Meth in Sec Sch English
EDCI 4221 - Mat & Meth Engl II
EDCI 4240 - Secondary Math Methods
EDCI 4241 - Sec Math Methods II
EDCI 4250 - Materials & Meth Sec Sch Sci
EDCI 4251 - Mat & Meth Sec Sc II
EDCI 4260 - Meth of Sec Social Studies
EDCI 4261 - Mat & Meth Soc St II
EDCI 4400 - Foundations of Literacy Dev
EDCI 4421 - Linguistic Applic Rdg-Lang Art
EDCI 4423 - Rdg-Lang Arts in Mult Society
EDCI 4425 - Matrl Meth Teach Eng Sec Lang
EDCI 4432 - Teaching Reading Content Areas
EDCI 4540 - Classroom Mgt PreK-5
EDCI 4545 - Dev of Log-Math Knowledge
EDCI 4595 - Practicum Early Childhood Educ
EDCI 4620 - Curr & Instr for Multicul Educ
EDCI 4660 - Global Education

EDCI 4993 - Special Topics Curr & Instruc
EDCI 5140 - Teaching Elem Math
EDCI 5204 - Princ of Teaching & Learning
EDCI 5220 - Matrl Meth in Sec Sch English
EDCI 5221 - Methods Secondary Engl II
EDCI 5240 - Secondary Math Methods
EDCI 5241 - Math Secondary II
EDCI 5250 - Materials & Meth Sec Sch Sci
EDCI 5251 - Materials & Methods Science II
EDCI 5260 - Meth of Sec Social Studies
EDCI 5261 - Secondary Social Studies
EDCI 5423 - Rdg-Lang Arts in Mult Society
EDCI 5425 - Matrl Meth Teach Eng Sec Lang
EDCI 5432 - Teaching Reading Content Areas
EDCI 5540 - Classroom Mgt PreK-5
EDCI 5545 - Dev of Log-Math Knowledge
EDCI 5595 - Practicum Early Childhood Educ
EDCI 5620 - Curr & Instr for Multicul Educ
EDCI 5660 - Global Education
EDCI 5991 - Special Topics Curr & Instruc
EDCI 5993 - Special Topics Curr & Instruc
EDCI 6020 - Writing Institute
EDCI 6060 - Action Research in Education
EDCI 6100 - Children's Lit
EDCI 6140 - Elementary Math Methods
EDCI 6150 - Elementary Science Methods
EDCI 6204 - Princ of Teaching & Learning
EDCI 6220 - Studies Tch Eng Sec Schools
EDCI 6240 - Studies Tch Math Sec Schools
EDCI 6250 - Studies Tch Science Sec Schs
EDCI 6260 - Studies Tch Soc St Sec Schools

EDCI 6300 - C&I Young Adolescent

EDCI 6400 - Foundations of Literacy Dev

EDCI 6410 - Early Literacy Development

EDCI 6421 - Linguistic Applic Rdg-Lang Art

EDCI 6423 - Rdg-Lang Arts in Mult Society

EDCI 6425 - Matrl Meth Teach Eng Sec Lang

EDCI 6430 - Info Lit Content Lrn

EDCI 6434 - Developmental Reading

EDCI 6436 - Diagnostic and Remedial Readng

EDCI 6490 - Sem in Reading-Language Arts

EDCI 6493 - Practicum Diagnostic Remed Rdg

EDCI 6500 - Foundation Child Dev

EDCI 6510 - Adv Curr Design Erly Chldhood

EDCI 6530 - Survy & Msrment PK-5

EDCI 6540 - Stdy Prog Early Childhood Educ

EDCI 6550 - Effectve Parenting Child Behav

EDCI 6600 - Foundations of Curric Develop

EDCI 6610 - Elementary School Curriculum

EDCI 6620 - Secondary School Curriculum

EDCI 6658 - College Curriculum

EDCI 6675 - Assessment in Higher Education

EDCI 6710 - Nonfiction Across Curriculum

EDCI 6720 - Teaching Information Literacy

EDCI 6755 - Cont Applicat Instr Strategies

EDCI 6758 - College Teaching

EDCI 6793 - Grad Spec Topics Curr & Instr

EDCI 6800 - Instruction & Assess

EDCI 6900 - Intro Doctoral Readings C&I

EDCI 6902 - Topical Doc Reading Curriculum

EDCI 6905 - Research Critique Curr & Instr

EDCI 6910 - Directed Group Doctoral Study

EDCI 6980 - Independent Study Curr & Instr
EDCI 6990 - Doctoral Seminar Curr & Instr
EDCI 6992 - Doctoral Res Sem Curric Theory
EDCI 6995 - Practicum in Instruction
EDCI 7000 - Thesis Research
EDCI 7040 - Examination or Report Only
EDCI 7050 - Dissertation Research

Earth & Environmental Sciences

EES 1000 - Dynamic Earth
EES 1001 - Dynamic Earth Lab
EES 1002 - Intro to Environ Sci
EES 1003 - Intro to Env Sciences Lab
EES 1006 - Dinosaurs
EES 1008 - Geology of New Orleans and LA
EES 2000 - Method Earth Env Sci
EES 2004 - Earth & Env Thru Time
EES 2005 - Earth and Env Time Lab
EES 2051 - Geomorphology
EES 2096 - Special Topics
EES 2097 - Independent Studies
EES 2105 - Environmental Toxicology
EES 2510 - Environmental Science & Policy
EES 2700 - Earth Materials
EES 3091 - Ind Studies-Earth and Env Sci
EES 3096 - Spec Topics-Earth and Env Sci
EES 3100 - Earth Structure
EES 3310 - Ign Met Sed Petrology
EES 3400 - Intro Petroleum Geol
EES 3700 - Geological Time
EES 3730 - Introductory Geochemistry
EES 3740 - Principles of Paleontology

EES 3991 - Undergraduate Research
EES 4000 - Statistic Method Earth Env Sci
EES 4090 - Senior Thesis
EES 4091 - Independent Study
EES 4096 - Special Topics
EES 4098 - Senior Honors Thesis
EES 4099 - Senior Sem-Earth and Env Sci
EES 4105 - Ecotoxicology
EES 4110 - Introduction to Geophysics
EES 4115 - Toxicology and Human Health
EES 4120 - Gravity & Magnetism
EES 4125 - Toxicology of Metals
EES 4150 - Geophysical Field Methods
EES 4152 - Appl Seismic Acquis & Process
EES 4160 - Seismic Stratigraphy
EES 4161 - Gulf Coast Geology
EES 4165 - Geophysical Explore & Interp
EES 4520 - Estuarine Envir Sci
EES 4550 - Coastal Geomorphology
EES 4560 - Env Geol Coastal LA
EES 4711 - Intro X-Ray Crystallography
EES 4720 - Global Tectonics
EES 4730 - Environmental Geochemistry
EES 4735 - Hydrogeology
EES 4750 - Principles of Stratigraphy
EES 4800 - Advanced Stratigraphy
EES 4840 - Structural Geology
EES 4900 - Coastal Processes
EES 4925 - Intro to Physical Oceanography
EES 4949 - Natural Resource Mgt
EES 5000 - Statistic Method Earth Env Sci

EES 5091 - Independent Studies
EES 5096 - Special Topics
EES 5105 - Ecotoxicology
EES 5110 - Introduction to Geophysics
EES 5115 - Tox and Human Health
EES 5120 - Gravity & Magnetism
EES 5125 - Toxicology of Metals
EES 5150 - Geophysical Field Methods
EES 5152 - Appl Seismic Acquis & Process
EES 5160 - Seismic Stratigraphy
EES 5161 - Gulf Coast Geology
EES 5165 - Geophysical Explore & Interp
EES 5520 - Estuarine Envir Sci
EES 5550 - Coastal Geomorphology
EES 5560 - Env Geol Coastal LA
EES 5711 - Intro X-Ray Crystallography
EES 5720 - Global Tectonics
EES 5730 - Environmental Geochemistry
EES 5735 - Hydrogeology
EES 5750 - Principles of Stratigraphy
EES 5800 - Advanced Stratigraphy
EES 5840 - Structural Geology
EES 5900 - Coastal Processes
EES 5925 - Intro Phys Oceanogry
EES 5949 - Natural Resource Mgt
EES 6015 - Tox Coastal Organism
EES 6090 - Graduate Seminar
EES 6095 - M.S. Project in EES
EES 6096 - Special Topics
EES 6096 - Special Topics
EES 6097 - Independent Study

EES 6265 - Surf Process & Environ Dynam

EES 6640 - Sequence Strat

EES 6658 - Low Temperature Geochemistry

EES 6760 - Coastal Restoration & Managmnt

EES 6762 - Aquatic Sciences

EES 6770 - Basin Analysis

EES 6810 - Geophysical Data Processing

EES 6840 - Reflection Seismology

EES 7000 - Thesis Research

EES 7040 - Examination or Report Only

EES 7050 - Dissertation Research

Economics

ECON 1203 - Principles of Microeconomics

ECON 1204 - Principles of Macroeconomics

ECON 1330 - Financial Literacy

ECON 2000 - Engineering Economics

ECON 2221 - Money & Banking

ECON 3000 - Managerial Economics

ECON 3292 - Internship Busines & Economics

ECON 3999 - Special Topics in Economics

ECON 4250 - Health Care Economics

ECON 4261 - International Trade Theory

ECON 4291 - UGRD Directed Individual Study

ECON 4306 - International Finance

ECON 4400 - Econ Foundation for Managers

ECON 5261 - International Trade Theory

ECON 5306 - International Finance

ECON 6200 - Managerial Economics

ECON 6203 - Microeconomic Theory

ECON 6204 - Macroeconomic Theory

ECON 6207 - Seminar in Microeconomics

ECON 6250 - Health Care Economics
ECON 6292 - Directed Individual Study
ECON 6294 - Internship in Economics
ECON 6295 - Special Topics - Economics
ECON 7040 - Examination or Report Only
ECON 7050 - Dissertation Research
ECON 7051 - Dissertation Workshop

Education

COED 1 - Coop Educ for Educ Majors
EDUC 1001 - Pre-service Teaching
EDUC 1010 - Intro to Teaching
EDUC 2100 - Child & Adolescent Development
EDUC 2200 - Principles Teaching Learning
EDUC 2204 - Intro Secondary Ed
EDUC 2206 - Intro to Tech in the Classroom
EDUC 3000 - Mt Needs of All Learners II
EDUC 3001 - Tier III Assess ECE
EDUC 3002 - Tier III Assess Elem
EDUC 3003 - Tier III Assess IN/M
EDUC 3004 - Tier III Assess Mus
EDUC 3005 - Tier III Assess Eng
EDUC 3006 - Tier III Assess Math
EDUC 3007 - Tier III Assess Sci
EDUC 3008 - Tier III Assess SSt
EDUC 3100 - Diff Curriculum & Instruc
EDUC 3110 - Behavior Supp & Classroom Mang
EDUC 3982 - Independent Study
EDUC 4000 - Mtg Needs of All Learners III
EDUC 4813 - Cap Internship - Grades PK-3
EDUC 4823 - Cap Internship - Grades 1-5
EDUC 4833 - Cap Internship - Grades 4-8

EDUC 4843 - Cap Internship - Grades 6-12
EDUC 4853 - Cap Internship - Special Educ
EDUC 4910 - Student Teaching Grades 1 - 5
EDUC 4911 - Residency I: Elementary Educ
EDUC 4912 - Residency II: Elementary Ed
EDUC 4920 - Student Teaching Grades 6 - 12
EDUC 4921 - Res I: Secondary Education
EDUC 4922 - Res II: Secondary Ed
EDUC 4930 - Student Teaching - Grades K-12
EDUC 4940 - Student Teaching Grades 4 - 8
EDUC 4950 - Student Teaching Grades PK - 3
EDUC 4960 - Student Teach Sped
EDUC 4970 - Student Teach M/M 1-5
EDUC 5100 - Differentiated Curr & Instruc
EDUC 5813 - Cap Internship - Grades PK-3
EDUC 5823 - Cap Internship - Grades 1-5
EDUC 5833 - Cap Internship - Grades 4-8
EDUC 5843 - Cap Internship - Grades 6-12
EDUC 5853 - Cap Internship - Special Educ
EDUC 5863 - Internship M/M 1-5
EDUC 5873 - Internship M/M 4-8
EDUC 5883 - Internship M/M 6-12
EDUC 5910 - Student Teaching Grades 1 - 5
EDUC 5920 - Student Teaching Grades 6 - 12
EDUC 5940 - Student Teaching Grades 4 - 8
EDUC 5950 - Student Teaching Grades PK - 3
EDUC 5960 - Student Teach Sped
EDUC 5970 - Student Teach M/M 1-5
EDUC 5980 - Student Teach M/M 4-8
EDUC 5990 - Student teach M/M 6-12
EDUC 6001 - MAT Assessment ECE

EDUC 6002 - MAT Assessment Elem
EDUC 6003 - MAT Assessment Int/M
EDUC 6005 - MAT Assessment Eng
EDUC 6006 - MAT Assessment Math
EDUC 6007 - MAT Assess't Science
EDUC 6008 - MAT Assess't Soc St
EDUC 6009 - MAT Assess Sig Dis
EDUC 6010 - MAT Assess Early Int
EDUC 6011 - MAT Assess Hear Impd
EDUC 6210 - Human Development
EDUC 6310 - Res I: Elem Ed Stud Teach
EDUC 6311 - Res I: Elem Ed Internship
EDUC 6320 - Res II: Elem Ed Stud Teaching
EDUC 6321 - Res II: Elem Ed Internship
EDUC 6330 - Res I: Sec Ed Stud Teaching
EDUC 6331 - Res I: Sec Ed Internship
EDUC 6340 - Res II: Sec Ed Stud Teaching
EDUC 6341 - Res II: Sec Ed Internship
EDUC 6982 - Independent Study

Education Foundations & Research

EDFR 5990 - Special Topics in Education
EDFR 6675 - Assessment in Higher Education
EDFR 6700 - Educational Research
EDFR 6705 - Quant & Qual Research Design
EDFR 6710 - Descriptive Statistics
EDFR 6715 - Intro to Qual Resrch Methods
EDFR 6720 - Appl Regr & Analy Covariance
EDFR 6721 - Qualitative Research Data Col
EDFR 6725 - Multivariate Statistics
EDFR 6731 - Qualitative Research Data Anlz
EDFR 6991 - Practicum in Educ Evaluation

EDFR 6993 - Spec Topics in Educ Research

Educational Administration

EDAD 3530 - College Student Serv As A Prof

EDAD 6530 - Student Services High Educ

EDAD 6535 - College Student Development

EDAD 6550 - The Academic Profession

EDAD 6600 - Amer College & University

EDAD 6605 - Community & Technical Colleges

EDAD 6610 - Legal Aspects of Higher Educ

EDAD 6615 - Financial Mang in Higher Educ

EDAD 6620 - History & Philosophy of Hi Ed

EDAD 6630 - Student Choice in Higher Educ

EDAD 6640 - College Teaching

EDAD 6650 - College Curriculum

EDAD 6675 - Current Issues in Higher Educ

EDAD 6681 - Org & Ldrship in Higher Ed

EDAD 6683 - Students in Higher Ed

EDAD 6684 - Teach Lrn Curr in Higher Ed

EDAD 6693 - Diversity in Higher Education

EDAD 6695 - Internship in Higher Education

EDAD 6800 - School Leadership

EDAD 6805 - Lead Lrng Envir

EDAD 6810 - School Law

EDAD 6812 - Lead Curr Instruct Assessment

EDAD 6816 - School-Based Management

EDAD 6840 - Org & Governance K-12 Schools

EDAD 6845 - School/Community Relationships

EDAD 6850 - Supervision of Instruction

EDAD 6860 - Principalship

EDAD 6875 - School Improvement

EDAD 6890 - Seminar in Educational Admin

EDAD 6895 - Intern in School Leadership

EDAD 6900 - Doc Pro-Seminar I Ed Admin

EDAD 6905 - Doc Pro-Seminar II

EDAD 6910 - Strategic Approaches Educ Admn

EDAD 6920 - Org Theories in Educ Admin

EDAD 6930 - Leader Behavior in Educ Admin

EDAD 6940 - Power & Politics in Educ Admin

EDAD 6950 - Educ Policy Analysis

EDAD 6960 - Concept PK16+ Educ

EDAD 6980 - Independent Study Educ Admin

EDAD 6991 - Selected Topics in Educ Adm

EDAD 6992 - Selected Topics in Educ Adm

EDAD 6993 - Selected Topics in Educ Adm

EDAD 6997 - Research Seminar in Educ Adm

EDAD 7040 - Examination or Thesis Only

EDAD 7050 - Dissertation Research

Electrical Engineering

ENEE 1530 - Engineering Software Tools

ENEE 2500 - Basic Electrical Circuits

ENEE 2510 - Circuits Laboratory

ENEE 2530 - EE Software Tools

ENEE 2550 - Circuits I

ENEE 2551 - Circuits II

ENEE 2582 - Digital System Design

ENEE 2586 - Digital Systems Laboratory

ENEE 3091 - Senior Elec Eng Design Project

ENEE 3092 - Senior Elec Eng Design Project

ENEE 3093 - Ind Special Lab in Elec Eng

ENEE 3094 - Ind Special Lab in Elec Eng

ENEE 3501 - Basic Electrical Machinery

ENEE 3511 - Energy Conversion Laboratory

EENEE 3512 - Microprocessor Design Lab
EENEE 3514 - Computer Architecture Lab
EENEE 3517 - Engr Electronics Lab
EENEE 3518 - Electrical Engr Laboratory
EENEE 3521 - Electric Machinery
EENEE 3522 - Elec Power Systems
EENEE 3530 - Cont & Discrete Sig Syst Analy
EENEE 3533 - Classical Control Sys Design
EENEE 3535 - Communication System Design
EENEE 3540 - Engineering Electronics
EENEE 3543 - Engineering Electronic Systems
EENEE 3560 - Engineering Electromagnetics I
EENEE 3571 - Cloud Technology Foundations
EENEE 3572 - Prob Meth Signal Sys Analysis
EENEE 3574 - Communication Sys Design Lab
EENEE 3582 - Digital Design Using Micros
EENEE 3583 - Computer System Design
EENEE 3587 - Microcontroller Interfacing
EENEE 3900 - Senior Honors Thesis
EENEE 4096 - Undergraduate Ind Study
EENEE 4097 - Spec Topic in Elec Engineering
EENEE 4131 - Rel Avail Mainten Engr System
EENEE 4522 - Power System Planning & Design
EENEE 4524 - Pwr Sys Dynam & Ctrl
EENEE 4526 - Protective Relaying Power Syst
EENEE 4534 - Process Control Systems
EENEE 4535 - Intro Digital Signal Process
EENEE 4536 - Embed Multimedia Sys
EENEE 4543 - Power-Electronics
EENEE 4544 - Radio Frequency Circuit Design
EENEE 4554 - Analog Digital Filter Design

ENEE 4562 - Engineering Optics
ENEE 4566 - Intro Optical Networks
ENEE 4575 - Data & Computer Communications
ENEE 4581 - Introduction to Data Engineering
ENEE 4583 - Deep Learning
ENEE 4585 - HDL Chip Design
ENEE 4595 - Modern Wireless Comm
ENEE 5097 - Special Topics in Elec Eng
ENEE 5131 - Rel Avail Mainten Engr System
ENEE 5522 - Power System Planning & Design
ENEE 5524 - Pwr Sys Dynam & Ctrl
ENEE 5526 - Protective Relaying Power Syst
ENEE 5534 - Process Control Systems
ENEE 5535 - Intro Digital Signal Process
ENEE 5536 - Embed Multimedia Sys
ENEE 5543 - Power-Electronics
ENEE 5544 - Radio Frequency Circuit Design
ENEE 5554 - Analog Digital Filter Design
ENEE 5562 - Engineering Optics
ENEE 5566 - Intro Optical Networks
ENEE 5575 - Data & Computer Communications
ENEE 5583 - Deep Learning
ENEE 5585 - HDL Chip Design
ENEE 5595 - Modern Wireless Comm
ENEE 6001 - Electrical Engr Grad Seminar
ENEE 6095 - Ind Special Project
ENEE 6096 - Adv Special Topics in Elec Eng
ENEE 6097 - Advanced Spec Topic
ENEE 6098 - Advanced Spec Topic
ENEE 6523 - Elec Machines and Drives
ENEE 6525 - Optim Contol Meth Pwr Sys Oper

ENEE 6530 - Linear Systems

ENEE 6533 - Adv Rand Var & Stoch Processes

ENEE 6538 - Signal Detection

ENEE 6564 - Polarization Optics

ENEE 6565 - Introduction to Lasers

ENEE 6570 - Optimization Technique in Engr

ENEE 6581 - Digital Image Process

ENEE 6582 - Computer Vision

ENEE 6583 - Neural Networks

ENEE 6585 - Wireless Sensor Networks

Engineering

ENGR 1000 - Introduction to Engineering

Engineering & Applied Sciences

ENAS 7025 - Eng & Appl Sci Research Sem

ENAS 7040 - Examination or Report Only

ENAS 7050 - Dissertation Research

Engineering Management

ENMG 4471 - Quality Management

ENMG 5471 - Quality Management

ENMG 6095 - Ind Capstone Project

ENMG 6096 - Independent Special Topics

ENMG 6097 - Spec Topics in Engr Mgmt

ENMG 6101 - Engineering Management 1

ENMG 6102 - Engineering Management II

ENMG 6103 - Technology Entrepreneurship

ENMG 6111 - Quant Analysis Engr Mgmt I

ENMG 6112 - Quant Analysis Engr Mgmt II

ENMG 6120 - Project Management

ENMG 6150 - Systems Analysis for Mgmt

ENMG 6160 - Innovation Concepts

ENMG 6401 - Sem Organizational Behavior

ENMG 7000 - Thesis Research

ENMG 7040 - Examination or Report Only

English

ENGL 100 - Intensive Engl Intl

ENGL 1001 - English Composition Lab

ENGL 1002 - ENGL Non-Native

ENGL 1003 - English Comp Supplement

ENGL 1004 - Engl Supplemental Support I

ENGL 1157 - English Composition

ENGL 1158 - English Composition

ENGL 1159 - English Composition Honors

ENGL 2031 - Surv Am Lit before Civil War

ENGL 2032 - Surv of Am Lit after Civil War

ENGL 2041 - Major American Writers

ENGL 2043 - New Orleans Literature

ENGL 2071 - Afro-American Literature I

ENGL 2072 - Afro-American Literature II

ENGL 2090 - Special Studies Lit & Language

ENGL 2091 - Spec Studies in Lit Diversity

ENGL 2151 - Intro Non-Fictional Writing

ENGL 2152 - Technical Writing

ENGL 2154 - Intro Creative Writing Nonfic

ENGL 2155 - Intro to Professional Writing

ENGL 2160 - Intro Creative Writing

ENGL 2161 - Introduction to Writing Fict

ENGL 2163 - Intro to Creative Writ Poetry

ENGL 2200 - Introduction to Playwriting

ENGL 2208 - Reading Drama

ENGL 2218 - Reading Creative Nonfiction

ENGL 2228 - Reading Poetry

ENGL 2238 - Reading Fiction

ENGL 2258 - Interpreting Literature

ENGL 2279 - Literature of Ancient Greece

ENGL 2311 - American Film as Literary Art

ENGL 2312 - International Film As Lit Art

ENGL 2341 - Survey British Literature I

ENGL 2342 - Survey British Literature II

ENGL 2377 - Bible As Literature

ENGL 2378 - Intro to Women's Literature

ENGL 2392 - Independent Work

ENGL 2521 - Intro to Shakespeare

ENGL 3381 - Intro to Contemporary Theory

ENGL 3382 - Methods in Research & Writing

ENGL 3394 - Seminar in English

ENGL 3399 - Senior Honors Thesis

ENGL 4030 - Colonial & Early Nat Amer Lit

ENGL 4031 - The American Renaissance

ENGL 4032 - American Realism & Naturalism

ENGL 4033 - American Modernism

ENGL 4034 - Contemporary Amer Lit

ENGL 4043 - New Orleans Literature

ENGL 4045 - Southern Literature

ENGL 4070 - Spec Top Women, Lit, Society

ENGL 4091 - American Movements I

ENGL 4092 - American Movements II

ENGL 4093 - Studies in Black Literature

ENGL 4152 - Technical Editing and Writing

ENGL 4154 - Adv Creative Nonfic Writing

ENGL 4155 - Professional Editing & Writing

ENGL 4158 - Legal Writing

ENGL 4161 - Advanced Fiction Writing

ENGL 4163 - Advanced Poetry Writing
ENGL 4190 - Spec Topics in Prof. Writing
ENGL 4200 - Advanced Playwriting
ENGL 4231 - Literary Criticism
ENGL 4240 - Young Adult Literature
ENGL 4378 - Adv Studies in Women & Lit
ENGL 4380 - Studies in Irish Lit
ENGL 4391 - Special Topics Language & Lit
ENGL 4392 - Independent Study
ENGL 4398 - Internship in English
ENGL 4401 - Lit England Later Middle Ages
ENGL 4421 - Chaucer
ENGL 4521 - Shakespeare
ENGL 4522 - Shakespeare
ENGL 4601 - English Literature of 17 Cent
ENGL 4616 - Drama of Shakespearean Age
ENGL 4621 - Milton
ENGL 4701 - Early 18th Century Literature
ENGL 4702 - Later 18th Century Literature
ENGL 4715 - 18th Century English Novel
ENGL 4801 - Prose Poetry Romantic Period
ENGL 4802 - Later Romantic Writers
ENGL 4807 - Earlier Victorian Literature
ENGL 4808 - Later Victorian Literature
ENGL 4815 - 19th Century English Novel
ENGL 4913 - Early 20th Century Poetry
ENGL 4915 - The Modern Novel
ENGL 4916 - 20th Century Drama
ENGL 4917 - The Contemporary Novel
ENGL 4918 - Creative Nonfiction Literature
ENGL 5030 - Colonial & Early Nat Amer Lit

ENGL 5031 - The American Renaissance
ENGL 5032 - American Realism & Naturalism
ENGL 5033 - American Modernism
ENGL 5034 - Contemporary Amer Lit
ENGL 5043 - New Orleans Literature
ENGL 5045 - Southern Literature
ENGL 5070 - Spec Top Women, Lit, Society
ENGL 5091 - American Movements I
ENGL 5092 - American Movements II
ENGL 5093 - Studies in Black Literature
ENGL 5152 - Technical Editing and Writing
ENGL 5154 - Adv Creative Nonfic Writing
ENGL 5155 - Professional Editing & Writing
ENGL 5158 - Legal Writing
ENGL 5161 - Advanced Fiction Writing
ENGL 5163 - Advanced Poetry Writing
ENGL 5190 - Spec Topics in Prof. Writing
ENGL 5240 - Young Adult Literature
ENGL 5378 - Adv Studies in Women & Lit
ENGL 5380 - Studies in Irish Lit
ENGL 5391 - Special Topics Language & Lit
ENGL 5401 - Lit England Later Middle Ages
ENGL 5421 - Chaucer
ENGL 5521 - Shakespeare
ENGL 5522 - Shakespeare
ENGL 5601 - English Literature of 17 Cent
ENGL 5616 - Drama of Shakespearean Age
ENGL 5621 - Milton
ENGL 5701 - Early 18th Century Literature
ENGL 5702 - Later 18th Century Literature
ENGL 5715 - 18th Century English Novel

ENGL 5801 - Prose Poetry Romantic Period
ENGL 5802 - Later Romantic Writers
ENGL 5807 - Earlier Victorian Literature
ENGL 5808 - Later Victorian Literature
ENGL 5815 - 19th Century English Novel
ENGL 5913 - Early 20th Century Poetry
ENGL 5915 - The Modern Novel
ENGL 5916 - 20th Century Drama
ENGL 5917 - The Contemporary Novel
ENGL 5918 - Creative Nonfiction Literature
ENGL 6001 - Studies in Am Lit Before 1865
ENGL 6007 - Studies in Am Lit Since 1865
ENGL 6090 - Spec Studies in American Lit
ENGL 6151 - Writing Institute
ENGL 6153 - UNO Publishing Lab
ENGL 6154 - Non-Fiction Writing Workshop
ENGL 6155 - Profess Writing & Editing Prac
ENGL 6161 - Writing Fiction
ENGL 6163 - Writing Poetry
ENGL 6171 - Intensive Fiction Writing
ENGL 6173 - Intensive Poetry Writing
ENGL 6174 - Inten Non-Fic Writing Workshop
ENGL 6190 - Special Topics in Creative Writing
ENGL 6191 - Remote Fiction Writing
ENGL 6193 - Remote Poetry Writing
ENGL 6194 - Remote Non-Fic Writing Wkshp
ENGL 6200 - Seminar in Playwriting
ENGL 6230 - Premodern Sources of Engl Lit
ENGL 6231 - Literary Theory
ENGL 6232 - Studies in Rhetoric and Compos
ENGL 6240 - Nonfiction

ENGL 6243 - Poetry

ENGL 6245 - The Novel

ENGL 6246 - Drama

ENGL 6247 - The Short Story

ENGL 6280 - Intro Grad Studies in English

ENGL 6281 - Intr to Composition Studies

ENGL 6282 - Composition Pedagogy

ENGL 6370 - Studies in Comparative Lit

ENGL 6390 - Spec Studies in Language & Lit

ENGL 6397 - Directed Study

ENGL 6398 - Internship in English

ENGL 6400 - Studies Engl Lit Before 1500

ENGL 6500 - Studies in Engl Lit 16th Cent

ENGL 6520 - Studies in Shakespeare

ENGL 6700 - Studies in Engl Lit 18th Cent

ENGL 6801 - Studies in the Romantic Period

ENGL 6807 - Studies in Victorian Period

ENGL 6900 - Studies Engl Lit 20th Century

ENGL 6941 - The Craft of Fiction

ENGL 6943 - The Craft of Poetry

ENGL 6944 - The Craft of Nonfiction

ENGL 6946 - The Craft of Drama

ENGL 7000 - Thesis Research

ENGL 7040 - Examination or Report Only

Film and Theatre

FTA 1000 - Theatre Appreciation

FTA 1001 - Film Appreciation

FTA 1005 - Intro to Theatre Arts

FTA 1100 - Methods & MatrIs of Stagecraft

FTA 1110 - Basic Visual Design

FTA 1300 - Acting I-Beginning

FTA 1310 - Stage Makeup

FTA 1620 - Intro to Film Arts

FTA 1665 - Beginning Film Postproduction

FTA 1800 - Theatre Practicum I

FTA 2000 - Field Research in Arts

FTA 2060 - 3D Animation Lab

FTA 2090 - Special Topics -Film & Theatre

FTA 2091 - Special Topics -Film & Theatre

FTA 2092 - Special Topics -Film & Theatre

FTA 2100 - Intro to Lighting Design

FTA 2110 - Introduction to Scenic Design

FTA 2160 - Costume Crafts & Techniques

FTA 2200 - Introduction to Playwriting

FTA 2250 - Intro. to Screenwriting

FTA 2260 - Writing Short Film

FTA 2270 - Introduction to Video Writing

FTA 2320 - Script Analysis

FTA 2330 - Acting II Intermediate

FTA 2380 - Stage Directing I - Beginning

FTA 2510 - Beginning Film Prod

FTA 2570 - Beginning Film Acting

FTA 2650 - Oral Communications

FTA 2950 - Stage Management Theatre

FTA 3060 - Intermed 3D Animation Lab

FTA 3090 - Independent Study

FTA 3099 - Senior Honors Thesis

FTA 3400 - Cul Diversity Film & Theatre

FTA 3460 - Intro Documentary

FTA 3510 - Intermediate Film Production

FTA 3511 - Equipment Lab

FTA 3520 - Interm Film Post Production

FTA 3800 - Production Practicum
FTA 4080 - Adv Summer Theatre
FTA 4081 - Adv Summer Theatre
FTA 4090 - Special Topics in FT
FTA 4091 - Special Topics in FT
FTA 4092 - Special Topics in FT
FTA 4093 - Special Topics in FT
FTA 4094 - Special Topics in FT
FTA 4095 - Special Topics in FT
FTA 4096 - Special Topics FT
FTA 4097 - Film Workshop
FTA 4110 - Scene Design
FTA 4120 - Scene Painting
FTA 4125 - Dev. of Style and Form
FTA 4135 - Rendering Techniques
FTA 4140 - Costume Design
FTA 4150 - Development of Fashion
FTA 4160 - Lighting Crafts & Techniques
FTA 4170 - Lighting Design
FTA 4200 - Advanced Playwriting
FTA 4251 - Advanced Screenwriting
FTA 4300 - Advanced Voice for the Actor
FTA 4301 - Voice Stylization for Screen
FTA 4330 - Acting Styles
FTA 4333 - Combat Stage & Film
FTA 4345 - Digital Auditions
FTA 4380 - Stage Directing II - Advanced
FTA 4400 - Development of Theatre
FTA 4450 - Modern Theatre
FTA 4455 - Contemporary Theatre
FTA 4460 - Adv Documentary Production

FTA 4500 - Film Development & Planning
FTA 4530 - Adv Proj in Film Production
FTA 4540 - History of Cinema I
FTA 4541 - History of Cinema II
FTA 4542 - History of Documentary Film
FTA 4545 - Film Theory & Criticism
FTA 4550 - Cinematography
FTA 4551 - Spring Film Crew
FTA 4555 - Spring Film Production
FTA 4560 - Film Festivals
FTA 4565 - Digitl Theory Appl Film/Video
FTA 4566 - Sound I
FTA 4567 - Sound II
FTA 4568 - Special Topics Visual Effects
FTA 4570 - Advanced Film Acting
FTA 4575 - Advanced Film Postproduction
FTA 4580 - Film Directing
FTA 4591 - Film Styles & Genres
FTA 4600 - Producing
FTA 4750 - Survey of Cinematography
FTA 4830 - Advanced Stage Movement
FTA 4900 - Internship
FTA 5080 - Adv Summer Theatre
FTA 5081 - Adv Summer Theatre
FTA 5090 - Special Topics in FT
FTA 5091 - Special Topics in FT
FTA 5092 - Special Topics in FT
FTA 5093 - Special Topics in FT
FTA 5094 - Special Topics in FT
FTA 5095 - Special Topics in FT
FTA 5096 - Special Topics FT

FTA 5110 - Scene Design
FTA 5120 - Scene Painting
FTA 5125 - Dev. of Style and Form
FTA 5135 - Rendering Techniques
FTA 5140 - Costume Design
FTA 5150 - Development of Fashion
FTA 5160 - Lighting Crafts & Techniques
FTA 5170 - Lighting Design
FTA 5200 - Advanced Playwriting
FTA 5251 - Advanced Screenwriting
FTA 5300 - Advanced Voice for the Actor
FTA 5301 - Voice Stylization for Screen
FTA 5330 - Acting Styles
FTA 5333 - Combat Stage & Film
FTA 5345 - Digital Auditions
FTA 5380 - Stage Directing II - Advanced
FTA 5400 - Development of Theatre
FTA 5450 - Modern Theatre
FTA 5455 - Contemporary Theatre
FTA 5460 - Adv Documentary Production
FTA 5500 - Film Development & Planning
FTA 5530 - Adv Proj in Film Production
FTA 5540 - History of Cinema I
FTA 5541 - History of Cinema II
FTA 5542 - History of Documentary Film
FTA 5545 - Film Theory & Criticism
FTA 5550 - Cinematography
FTA 5551 - Spring Film Crew
FTA 5555 - Spring Film Production
FTA 5560 - Film Festivals
FTA 5565 - Digitl Theory Appl Film/Video

FTA 5566 - Sound I

FTA 5567 - Sound II

FTA 5568 - Special Topics Visual Effects

FTA 5570 - Advanced Film Acting

FTA 5575 - Advanced Film Postproduction

FTA 5580 - Film Directing

FTA 5591 - Film Styles & Genres

FTA 5600 - Producing

FTA 5830 - Advanced Stage Movement

FTA 5900 - Internship

FTA 6001 - Practicum in Production

FTA 6005 - Graduate Studies Orientation

FTA 6020 - Form & Idea in Media

FTA 6040 - Performance and Direction

FTA 6060 - Concept, Conflict & Character

FTA 6090 - Independent Study

FTA 6150 - Development of Fashion

FTA 6200 - Seminar in Playwriting

FTA 6207 - Intense Seminar Playwriting

FTA 6209 - Remote Seminar Playwriting

FTA 6220 - Screenwriting for Production

FTA 6240 - Writing the Thesis Script

FTA 6250 - Seminar in Screenwriting

FTA 6257 - Intense Seminar Screenwriting

FTA 6259 - Remote Seminar Screenwriting

FTA 6330 - Acting

FTA 6380 - Stage Directing

FTA 6510 - Narr Film Prod

FTA 6511 - Equipment Lab

FTA 6520 - Narr Film Post Prod

FTA 6550 - Graduate Cinematography

FTA 6560 - Direct Docum Film

FTA 6565 - Digital Theory Application

FTA 6580 - Directing the Narrative Film

FTA 6900 - Graduate Internship

FTA 6910 - Studio I

FTA 6911 - Studio II

FTA 6912 - Studio III

FTA 6950 - Thesis Studio

FTA 7000 - Thesis Research

FTA 7040 - Examination or Report Only

Finance

FA 4332 - Student Managed Investment Fund

FIN 1330 - Personal Finance

FIN 2302 - Introduction to Investing

FIN 2335 - Principles of Real Estate

FIN 3099 - Senior Honors Thesis

FIN 3300 - Principles of Financial Mgmt

FIN 3301 - Small Business Finance

FIN 3302 - Investments

FIN 3303 - Financial Institutions

FIN 3321 - Bank Administration

FIN 3325 - Principles of Real Estate

FIN 3368 - Real Estate Finance

FIN 3391 - UGRD Directed Individual Study

FIN 3392 - Internship in Finance

FIN 4304 - Finance Capstone

FIN 4306 - International Finance

FIN 4307 - Portfolio Analysis

FIN 4308 - Derivatives Analysis

FIN 4310 - Personal Financial Planning

FIN 4311 - Ins Plan & Risk Mgt

FIN 4312 - Retirement Planning
FIN 4394 - Internship in Finance
FIN 4400 - Fin Foundations for Managers
FIN 5306 - International Finance
FIN 5307 - Portfolio Analysis
FIN 5308 - Derivatives Analysis
FIN 5310 - Personal Financial Planning
FIN 5311 - Ins Plan & Risk Mgt
FIN 5312 - Retirement Planning
FIN 5322 - Money & Capital Markets
FIN 5332 - Student Managed Investment Fund
FIN 5355 - Life & Health Insurance
FIN 6300 - Financial Administration
FIN 6302 - Investments
FIN 6303 - Financial Markets & Inst
FIN 6310 - Entrepreneurial Finance
FIN 6311 - Theory of Corporate Finance
FIN 6312 - Investment Theory
FIN 6313 - Financial Markets & Institutns
FIN 6314 - Seminar in Corporate Finance
FIN 6315 - Seminar in Investments
FIN 6318 - Derivative Securities
FIN 6319 - Sem International Finance
FIN 6321 - Commercial Bank Management
FIN 6350 - Health Care Financial Mgmt
FIN 6391 - Directed Independent Studies
FIN 6394 - Internship in Finance
FIN 6395 - Spec Topics in Finance
FIN 6635 - Sem Fin Econ Anly Real Estate
FIN 7050 - Dissertation Research
FIN 7051 - Dissertation Workshop

Fine Arts

FA 1001 - CORE STUDIO I - Surface / Color / Practice

FA 1002 - CORE STUDIO II - Objects / Materials / Environment

FA 1010 - Art Appreciation

FA 1500 - Introduction to Art and Visual Culture

FA 1551 - Digital Photo Fundamentals

FA 2000 - Field Research in Arts

FA 2001 - CORE STUDIO III - Process / Ideas / Communication

FA 2002 - CORE STUDIO IV- Time / Motion / Narrative

FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century

FA 2202 - Art History Survey II: Fourteenth Century to the Present

FA 2601 - Ceramics: Form and Processes

FA 2710 - Watercolor

FA 2900 - Introduction to Computer Graphics in Fine Arts

FA 2999 - Theory and Practice of Art History

FA 3050 - Professional Practice

FA 3101 - Media Publication Design

FA 3102 - 3-D Digital Design

FA 3246 - Images of Disaster

FA 3291 - Internship in Fine Arts - Studio Art

FA 3292 - Internship in Fine Arts - Art History

FA 3293 - Independent Study in Art History

FA 3301 - Drawing Techniques and Concept

FA 3451 - Photography I

FA 3515 - Greek and Roman Monuments

FA 3520 - After Effects

FA 3535 - The Art of Quattrocento in Italy

FA 3551 - Digital Art, Video and Animation I

FA 3591 - Independent Study in Imaging

FA 3595 - AYA-Special Topics Fine Arts

FA 3651 - Sculpture and Extended Media I

FA 3691 - Ind Study Sculpture
FA 3692 - Interdisc Sculpture
FA 3751 - Painting I
FA 3851 - Printmaking I
FA 3999 - Pre-Columbian Art
FA 4001 - Interdisciplinary Design Lab
FA 4102 - Advanced 3D Design, Modeling, Animation and Special Effects
FA 4210 - African Art
FA 4235 - Baroque Art and Architecture
FA 4237 - High Renaissance/Mannerism Ita
FA 4240 - Italian Baroque & Rococo Art
FA 4245 - Art of 19th Century
FA 4264 - History of Photography
FA 4267 - Contemporary Art: Postmodernism and Beyond (1970-present)
FA 4270 - Special Topics in Modern Art and Contemporary Art
FA 4274 - Art Criticism
FA 4275 - Displaying Art: Museum and Exhibition History and Practice
FA 4276 - Prospect New Orleans
FA 4281 - Modern/Postmodern
FA 4292 - Art at NOMA
FA 4301 - Figure Drawing
FA 4411 - Contemporary Art and Social Justice
FA 4449 - Photography II
FA 4451 - Photography III
FA 4549 - Digital Art, Video and Animation II
FA 4551 - Digital Art, Video and Animation III
FA 4598 - Advanced Animation Projects
FA 4599 - Senior Project
FA 4649 - Sculpture and Extended Media II
FA 4651 - Sculpture and Extended Media III
FA 4749 - Painting II

FA 4751 - Painting III

FA 4849 - Printmaking II

FA 4851 - Printmaking III

FA 4998 - Art Research Capstone

FA 5210 - African Art

FA 5245 - Art of 19th Century

FA 5264 - History of Photography

FA 5267 - Contemporary Art: Postmodernism and Beyond (1970-present)

FA 5271 - Art and Place

FA 5274 - Art Criticism

FA 5275 - Displaying Art: Museum and Exhibition History and Practice

FA 5276 - Prospect New Orleans

FA 5281 - Modern/Postmodern

FA 5411 - Contemporary Art and Social Justice

FA 6100 - Indep Research in Art History

FA 6201 - Graduate Photography

FA 6202 - Graduate Digital Art

FA 6203 - Graduate Sculpture

FA 6204 - Graduate Painting

FA 6205 - Graduate Printmaking

FA 6301 - Art Colloquium

FA 6401 - Critique Group

FA 6501 - Major Studio I

FA 6502 - Major Studio I

FA 6503 - Major Studio I

FA 6504 - Major Studio I

FA 6601 - Major Studio I

FA 6602 - Major Studio II

FA 6603 - Major Studio III

FA 6701 - Minor Studio

FA 6703 - Minor Studio

FA 6799 - Independent Studio Practice

FA 6998 - Media Strategies

FA 6999 - Professional Development

FA 7000 - Thesis Research

FA 7040 - Examination or Report Only

French

FREN 1001 - Basic French I

FREN 1002 - Basic French II

FREN 2001 - Intermediate French I

FREN 2002 - Intermediate French II

FREN 3002 - Practical French Phonetics

FREN 3005 - Romance Linguistics

FREN 3031 - French Conversation

FREN 3041 - Advanced French Grammar

FREN 3042 - Advanced French Comp & Syntax

FREN 3090 - Advanced Practical French

FREN 3100 - Survey French Literature

FREN 3191 - Independent Work

FREN 3192 - Independent Work

FREN 3193 - Independent Work

FREN 3197 - Oral Proficiency

FREN 3199 - Indep Work Honors Students

FREN 3205 - Read French Culture & Thought

FREN 3403 - Spec Topic French Lit

FREN 3404 - Spec Topics French Civilizatn

FREN 3405 - Romance Lit and Film

FREN 3406 - Romance Cult New Ori

FREN 3500 - Tutorial for Graduating Majors

FREN 4015 - History of French Language

FREN 4041 - Problems Grammatical Analysis

FREN 4110 - Medieval French Literature

FREN 4132 - 17th Cent French Literature

FREN 4140 - 18th C French Literature

FREN 4154 - 19th Century French Literature

FREN 4162 - French Lit of 20th Century

FREN 4202 - French Civilization II

FREN 4265 - Contemporary French Culture

FREN 4400 - Children's Literature

FREN 5015 - History of French Language

FREN 5041 - Problems Grammatical Analysis

FREN 5110 - Medieval French Literature

FREN 5132 - 17th Cent French Literature

FREN 5140 - 18th C French Literature

FREN 5154 - 19th Century French Literature

FREN 5162 - French Lit of 20th Century

FREN 5202 - French Civilization II

FREN 5265 - Contemporary French Culture

FREN 5400 - Children's Literature

FREN 6001 - French Stylistics

FREN 6003 - Commentaire De Texte

FREN 6041 - Theory & Practice Translation

FREN 6097 - Studies in French Linguistics

FREN 6190 - Studies Medieval French Lit

FREN 6195 - Studies in 20th and 21st Century French Literature

FREN 6197 - Studies in French Literature

FREN 6205 - French Thought

FREN 6265 - Contemp French Society & Inst

FREN 6295 - Studies in French Cult & Civ

FREN 6397 - Directed Study

FREN 7000 - Thesis Research

FREN 7040 - Examination or Report Only

Geography

GEOG 1001 - World Regional Geography
GEOG 1002 - World Regional Geography
GEOG 1356 - Human Geography
GEOG 1600 - Environmental Geography
GEOG 2151 - Elements Physical Geography
GEOG 2158 - Conservation
GEOG 2254 - Elements Economic Geography
GEOG 2356 - Cultural Geography
GEOG 3190 - Spec Top Region Geog
GEOG 3850 - Geography Internship
GEOG 3895 - Senior Honors Thesis
GEOG 4150 - Geog of Hazards & Disasters
GEOG 4158 - Environmental Impact Assessmnt
GEOG 4310 - Political Geography
GEOG 4514 - Climatology
GEOG 4530 - Biogeography
GEOG 4610 - Urban Geography
GEOG 4615 - Cultural Ecology
GEOG 4805 - Fundamentals of Mapping & GIS
GEOG 4810 - Introduction to Remote Sensing
GEOG 4820 - Rem Sens II: Image Processing
GEOG 4830 - GIS Theories and Concepts
GEOG 4832 - Adv Techniques GIS
GEOG 4901 - Field Methods in Geography
GEOG 4990 - Independent Study
GEOG 5150 - Geog of Hazards & Disasters
GEOG 5158 - Environmental Impact Assessmnt
GEOG 5310 - Political Geography
GEOG 5514 - Climatology
GEOG 5530 - Biogeography
GEOG 5610 - Urban Geography

GEOG 5615 - Cultural Ecology

GEOG 5805 - Fundamentals of Mapping & GIS

GEOG 5810 - Introduction to Remote Sensing

GEOG 5820 - Rem Sens II: Image Processing

GEOG 5830 - GIS Theories and Concepts

GEOG 5832 - Adv Techniques GIS

GEOG 5901 - Field Methods in Geography

GEOG 6530 - Sem Environmental Geography

GEOG 6801 - Advanced Quant Meth

GEOG 6990 - Independent Study

GEOG 7000 - Thesis Research

GEOG 7040 - Examination or Report Only

Germany

GER 1001 - Basic German I

GER 1002 - Basic German II

GER 2001 - Intermediate German I

GER 2002 - Intermediate German II

GER 3002 - German Phonetics

GER 3101 - Survey of German Literature

GER 3191 - Independent Work

GER 3192 - Independent Work

GER 3193 - Independent Work

GER 3402 - German Lit in Translation

Healthcare Management

HCM 1000 - Intro to Health Management

HCM 2000 - The US Healthcare System

HCM 3010 - Health Improvement

HCM 3020 - Healthcare Information Tech

HCM 3030 - Community Health Research

HCM 3040 - Health Reimbursement

HCM 3091 - Independent Hlth Care Research

HCM 4010 - Healthcare Ethics

HCM 4016 - Intro to Health Informatics

HCM 4070 - Future of Healthcare

HCM 4094 - Healthcare Internship

HCM 4480 - Healthcare Capstone

HCM 5016 - Intro to Health Informatics

HCM 6010 - Health Care Management

HCM 6012 - Org Behavior in Health Care

HCM 6013 - Strategic Issues - Health Care

HCM 6015 - Health Care Law and Ethics

Health Promotion

EDHS 1110 - Personal Health & Wellnes

EDHS 2400 - Medical Terminology

EDHS 2700 - Drug Use and Abuse

EDHS 4111 - Epidem Principles Health Promo

EDHS 4190 - Curr Problems Health Promotion

EDHS 4200 - Health Promotion Ethics

EDHS 4202 - Community Health Promotion

EDHS 4301 - Methods of Health Education

EDHS 4302 - Plan Eval Health Prom Programs

EDHS 4610 - Nutritional Health & Fitness

EDHS 4701 - Emotional Health

EDHS 4702 - Death and Dying

EDHS 4703 - Stress Mgmt for Health Promo

EDHS 4704 - Health Issues of Aging

EDHS 4705 - Gender and Health

EDHS 4706 - Social Mrktg for Health Comm

EDHS 4801 - Educ for Healthier Sexuality

EDHS 4900 - Exercise & Mental Health

EDHS 4998 - Practicum Health Promotion

EDHS 5111 - Epidem Principles Health Promo

EDHS 5190 - Curr Problems Health Promotion

EDHS 5200 - Health Promotion Ethics

EDHS 5202 - Community Health Promotion

EDHS 5301 - Methods of Health Education

EDHS 5302 - Plan Eval Health Prom Programs

EDHS 5610 - Nutritional Health & Fitness

EDHS 5701 - Emotional Health

EDHS 5702 - Death and Dying

EDHS 5703 - Stress Mgmt for Health Promo

EDHS 5704 - Health Issues of Aging

EDHS 5705 - Gender and Health

EDHS 5706 - Social Mrktg for Health Comm

EDHS 5801 - Educ for Healthier Sexuality

EDHS 5900 - Exercise & Mental Health

EDHS 5998 - Practicum Health Promotion

History

HIST 1001 - World History I

HIST 1002 - World History II

HIST 1010 - Intro African-American History

HIST 2000 - Environmental History

HIST 2050 - Historical Catastrophes

HIST 2201 - History of Asian Civilizations

HIST 2202 - Modern Asian History

HIST 2362 - Modern Britain

HIST 2400 - Intro to Latin American Hist

HIST 2501 - US History I

HIST 2502 - US History II

HIST 2520 - History of American Sports

HIST 2587 - Women in American History

HIST 2601 - History of Louisiana

HIST 2603 - History of New Orleans

HIST 2701 - Africa to 1830

HIST 2702 - Africa 1830-Present

HIST 2991 - Special Studies History

HIST 3002 - Historical Thought and Writing

HIST 3225 - The War in Vietnam

HIST 3551 - African American History

HIST 3552 - African American History

HIST 3595 - AYA-Special Topics History

HIST 3603 - History of New Orleans Music

HIST 3992 - Special Studies in History

HIST 3995 - Independent Study

HIST 3999 - Senior Honors Thesis

HIST 4003 - Modern Military History

HIST 4008 - Public History Methods

HIST 4100 - Atlantic History

HIST 4105 - Women & Amer Slavery

HIST 4213 - Japan 1945 - Present

HIST 4221 - Modern Southeast Asia

HIST 4231 - Modern India

HIST 4330 - French Revolution & Napoleon

HIST 4343 - Revolutionary Europe 1789-1848

HIST 4344 - Imperial Europe, 1848-1918

HIST 4345 - Europe: Shdw of War, 1918-1945

HIST 4346 - Postwar Europe, 1945-Present

HIST 4364 - Modern Ireland

HIST 4366 - The British Empire

HIST 4368 - Modern France

HIST 4371 - Modern Germany, 1789-Present

HIST 4373 - Hapsburg Empire

HIST 4376 - Modern & Contemporary Russia

HIST 4383 - European Intellectual Trad

HIST 4502 - Revolutionry Period Am History
HIST 4506 - Civil War & Reconstruction
HIST 4510 - Recent American History
HIST 4511 - Recent American History
HIST 4531 - Seeing History through Film
HIST 4543 - US Urban History
HIST 4565 - US Military History
HIST 4570 - World War II
HIST 4575 - Cold War Era
HIST 4581 - Diplomatic History of the US
HIST 4800 - Historical Thought & Writing
HIST 4991 - Special Studies in History
HIST 5001 - City & Civilization
HIST 5003 - Modern Military History
HIST 5008 - Public History Methods
HIST 5100 - Atlantic History
HIST 5105 - Women & Amer Slavery
HIST 5213 - Japan 1945 - Present
HIST 5221 - Modern Southeast Asia
HIST 5231 - Modern India
HIST 5303 - Roman History
HIST 5307 - High Middle Ages
HIST 5330 - French Revolution & Napoleon
HIST 5343 - Revolutionary Europe 1789-1848
HIST 5344 - Imperial Europe, 1848-1918
HIST 5345 - Europe: Shdw of War, 1918-1945
HIST 5346 - Postwar Europe, 1945-Present
HIST 5361 - Tudor England
HIST 5364 - Modern Ireland
HIST 5366 - The British Empire
HIST 5367 - Age of Louis XIV

HIST 5368 - Modern France

HIST 5371 - Modern Germany, 1789-Present

HIST 5373 - Hapsburg Empire

HIST 5376 - Modern & Contemporary Russia

HIST 5383 - European Intellectual Trad

HIST 5403 - History of Mexico

HIST 5502 - Revolutionry Period Am History

HIST 5506 - Civil War & Reconstruction

HIST 5510 - Recent American History

HIST 5511 - Recent American History

HIST 5521 - The New South

HIST 5531 - Seeing History through Film

HIST 5543 - US Urban History

HIST 5552 - Black Movements & Messiahs

HIST 5555 - The Civil Rights Era

HIST 5565 - US Military History

HIST 5570 - World War II

HIST 5575 - Cold War Era

HIST 5581 - Diplomatic History of the US

HIST 5991 - Special Studies in History

HIST 6001 - Historical Writing and Thought

HIST 6002 - Methods & Research

HIST 6005 - Grad History Forum

HIST 6008 - Intro Public History

HIST 6201 - Seminar in World History

HIST 6301 - Seminar in European History

HIST 6501 - Seminar in American History

HIST 6601 - Seminar in Special Topics

HIST 6603 - Research in New Orleans Hist

HIST 6803 - Seminar Urban Hist

HIST 6992 - History Internship

HIST 6995 - Independent Study

HIST 7000 - Thesis Research

HIST 7040 - Examination or Report Only

Hotel, Restaurant & Tourism

HRT 1098 - Introduction to HRT

HRT 2000 - Intro to HRT Administration

HRT 2020 - Hotel Operations

HRT 2030 - Prin of Food Production

HRT 2035 - Principles of Food Production Laboratory

HRT 2050 - Principles of Travel/Tourism

HRT 2070 - Introduction to Conventions

HRT 3002 - HRT Work Experience

HRT 3011 - Tourism & Hospitality Marketng

HRT 3016 - Legal Envirn in Hosp Industry

HRT 3017 - Servc Orgn Mgmt in Hospitality

HRT 3031 - Baking and Pastry

HRT 3140 - Cost Control Hosp Operations

HRT 3141 - Management Beverage Service

HRT 3145 - Layout & Design Hosp Facility

HRT 3150 - Tourism Planning & Operations

HRT 3240 - Club Mgmt & Operations

HRT 3290 - Hospitality Internship

HRT 3295 - Indep Study in HRT

HRT 4000 - Policy Issues Tourism & Hosp

HRT 4150 - Mtg, Event & Conv Planning

HRT 4230 - Advanced Food Service Mgmt

HRT 4250 - International Tourism

HRT 4290 - Special Topics in HRT

HRT 4319 - Wines of the World

HRT 5150 - Mtg, Event & Conv Planning

HRT 5160 - Theories of Casino Gaming

HRT 5250 - International Tourism
HRT 5290 - Special Topics in HRT
HRT 5319 - Wines of the World
HRT 6001 - Survey of Hospitality & Touris
HRT 6102 - Technology Tourism & Hosp Mgt
HRT 6200 - Hosp & Tourism Ops Analysis
HRT 6202 - Hosp and Tourism Research Meth
HRT 6203 - Marketing App for Hosp & Tour
HRT 6204 - Hospitality & Tourism Intern
HRT 6205 - Change Mang for Hosp & Tourism
HRT 6207 - Work Experience HTM
HRT 6250 - Tourism Destination Developmnt
HRT 6300 - Hospitality & Tourism Rev Mgt
HRT 6301 - Hosp & Tour Indus Strtg Mang
HRT 6491 - Indep Study in Hosp & Tourism
HRT 6495 - Spec Top Hospitality & Touris
HRT 7000 - Thesis Research
HRT 7040 - Examination or Report Only

Human Performance

EDHP 1090 - Aerobic/Anaerobic Activities
EDHP 2110 - Found of Hum Perf & Hlth Promo
EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom
EDHP 2320 - Meth PE/Health Elem School
EDHP 3200 - Kinesiology & Biomechanics
EDHP 3201 - Physiology of Exercise
EDHP 3210 - Motor Development & Motr Learn
EDHP 3330 - Exercise Physiol Lab Methods
EDHP 4222 - Physical Fitness Programming
EDHP 4225 - Cardiac Rehabilitation
EDHP 4480 - Eval Treatment Sport Injuries
EDHP 4524 - Sport Marketing

EDHP 4998 - Practicum Human Performance

EDHP 5222 - Physical Fitness Programming

EDHP 5524 - Sport Marketing

EDHP 5990 - Spec Topics Human Performance

EDHP 5998 - Practicum Human Performance

Humanities

HUMS 1090 - Classical Myth & Art

HUMS 2090 - Spec Topics in Hums

HUMS 4090 - Special Topics in Humanities

HUMS 5090 - Special Topics in Humanities

Interdisciplinary Studies

IDS 1001 - Introductory Seminar

IDS 1002 - Making Connections: Introduction to Integrative Learning

IDS 2001 - Portfolio Development

IDS 2002 - Information Literacy and Scholarly Discourse

IDS 3001 - Intro to IDS

IDS 3096 - Internship in IDS

IDS 4091 - Capstone Seminar

International Studies

IS 3060 - Model United Nations

IS 4091 - Senior Exit Course

IS 4990 - Senior Honors Thesis

IS 4998 - Internship Internatnl Studies

IS 4999 - Honors Internship IS

Italian

ITAL 1001 - Basic Italian I

ITAL 1002 - Basic Italian II

ITAL 2001 - Intermediate Italian I

ITAL 3191 - Independent Work

ITAL 3192 - Independent Work

ITAL 3193 - Independent Work

Japanese

JAPN 1001 - Basic Japanese I

JAPN 1002 - Basic Japanese II

JAPN 2001 - Intermediate Japanese I

JAPN 2002 - Intermediate Japanese II

JAPN 3191 - Independent Work

JAPN 3192 - Independent Work

JAPN 3193 - Independent Work

Journalism

JOUR 2700 - Introduction to Journalism

JOUR 2790 - Special Topics in Journalism

JOUR 3760 - Educational Journalism

JOUR 4398 - Internship in Journalism

JOUR 4700 - Advanced Journalism

JOUR 4710 - Feature Writing

JOUR 5700 - Advanced Journalism

JOUR 5710 - Feature Writing

JOUR 5792 - Independent Study

JOUR 6700 - Special Studies in Print Journalism

Justice Studies

JUST 6810 - Theories of Justice

JUST 6820 - Justice and Law

JUST 6830 - Justice Research I

JUST 6840 - Justice Research II

JUST 6900 - Special Topics in Justice

JUST 6980 - Independent Study in Justice Studies

JUST 6990 - Justice Practicum

JUST 7030 - Examination or Report Only

JUST 7030 - Justice Prospectus

JUST 7050 - Dissertation Research

Latin

LAT 1011 - Introductory Latin Reading I

LAT 1012 - Introductory Latin Reading II

LAT 2011 - Intermediate Latin Reading I

Library Science

EDLS 3100 - Children's Literature

EDLS 4200 - Young Adult Literature

EDLS 5200 - Young Adult Literature

EDLS 6545 - Literature for Gifted/Talented

EDLS 6650 - Teaching Information Literacy

EDLS 6710 - Nonfiction Across Curriculum

Management

MANG 2472 - Business Communication - Oral

MANG 2790 - Business Communication

MANG 3070 - Managing the Family Business

MANG 3071 - Franchise Management

MANG 3090 - Internship in Management

MANG 3099 - Senior Honors Thesis

MANG 3401 - Intro to Mgmt & Org Behavior

MANG 3402 - Operations and Systems Management

MANG 3467 - Human Resource Management

MANG 3491 - Directed Study Management

MANG 3595 - AYA-Special Topics Management

MANG 3778 - Management Information Systems

MANG 3788 - Business Applicatn Development

MANG 4400 - Survey Management Topics

MANG 4424 - Leadership in Organizations

MANG 4446 - International Management

MANG 4450 - Disaster Management

MANG 4468 - HRM Strategy & Compensatn Syst

MANG 4469 - Staffing & Developing HR

MANG 4470 - Employment Law for Managers

MANG 4471 - Quality Management

MANG 4480 - Business Policies & Problems

MANG 4487 - Org Behaviour

MANG 4497 - Current Topics in Management

MANG 4710 - Innovation Management

MANG 4730 - Bus Info Syst Anly & Design

MANG 4750 - Bus. Intelligence & Analytics

MANG 4760 - Managing Electronic Commerce

MANG 5400 - Survey Management Topics

MANG 5407 - Innovation Management

MANG 5420 - Organizational Theory

MANG 5424 - Leadership in Organizations

MANG 5446 - International Management

MANG 5450 - Disaster Management

MANG 5468 - HRM Strategy & Compensatn Syst

MANG 5469 - Staffing & Developing HR

MANG 5470 - Employment Law for Managers

MANG 5471 - Quality Management

MANG 5497 - Current Topics in Management

MANG 5730 - Bus Info Syst Anal

MANG 5750 - Bus. Intelligence & Analytics

MANG 6401 - Sem Organizational Behavior

MANG 6425 - Small Group Management

MANG 6446 - International Management

MANG 6467 - Managing Human Resources

MANG 6469 - Staffing & Developing HRM

MANG 6470 - Employment Law for Managers

MANG 6472 - Project Management

MANG 6476 - Operations Management

MANG 6480 - Seminar Business Policies

MANG 6491 - Ind Study in Management

MANG 6494 - Internship in Management

MANG 6497 - Spec Topics - Management

MANG 6710 - Innovation Management

MANG 6760 - Managing Electronic Commerce

Marketing

MKT 3501 - Principles of Marketing

MKT 3505 - Consumer Behavior

MKT 3510 - Intro to Marketing Research

MKT 3515 - Personal Selling

MKT 3526 - Legal Environment of Marketing

MKT 3530 - Sales Management

MKT 3540 - Integrated Marketing Comm

MKT 3552 - Retailing

MKT 3580 - Digital Marketing

MKT 3590 - Topic Seminar in Marketing

MKT 3591 - Indep Study in Marketing

MKT 3599 - Senior Honors Thesis

MKT 4400 - Marketing Found for Managers

MKT 4535 - Services Marketing

MKT 4536 - Health Care Marketing

MKT 4546 - Int'l Marketing Management

MKT 4575 - Logistics

MKT 4580 - Marketing Management

MKT 4585 - Marketing Internship

MKT 4590 - Marketing Strategy

MKT 4700 - Marketing Analytics

MKT 5535 - Services Marketing

MKT 5536 - Health Care Marketing

MKT 5546 - Int'l Marketing Management

MKT 5575 - Logistics

MKT 5700 - Marketing Analytics

MKT 6503 - Strategic Marketing Management

MKT 6510 - Adv Analysis Consumer Behavior

MKT 6535 - Advanced Services Mkt Mgt

MKT 6536 - Seminar Hlth Care Mang

MKT 6546 - Adv Sem International Markting

MKT 6555 - Marketing Research Methods

MKT 6575 - Logistics

MKT 6591 - Independent Study in Marketing

MKT 6594 - Internship in Marketing

MKT 6595 - Special Topics in Marketing

Mathematics

MATH 1002 - Mathematics Freshman Learning

MATH 1003 - Applied Algebra Support

MATH 1006 - Survey Math Supplement Support

MATH 1011 - Survey of Math Thought Support

MATH 1012 - Surv of Math II Support

MATH 1013 - Math Elem Teach Supp

MATH 1014 - Intro Stat Sci Supp

MATH 1015 - Applied Algebra Support

MATH 1021 - Prob Solv/Number Rel Elem Tchr

MATH 1023 - Prob Solv Geometry Elem Tchrs

MATH 1025 - Precalc Alg Support

MATH 1031 - Survey Mathematical Thought I

MATH 1032 - Survey Mathematical Thought II

MATH 1042 - Survey of Math Thought II

MATH 1043 - Math Teacher Supp Support

MATH 1044 - Intro to Stats for Science

MATH 1045 - Precalc Algebra Supplement

MATH 1047 - Intro to Business Stats
MATH 1085 - Intro Bus Stat Supp
MATH 1115 - Applied Algebra
MATH 1125 - Precalculus Algebra
MATH 1126 - Precalculus Trigonometry
MATH 2114 - Calculus I
MATH 2124 - Calculus II
MATH 2134 - Calculus III
MATH 2221 - Elem Differential Equations
MATH 2314 - Elementary Statistical Methods
MATH 2785 - Elemen Stat Bus Econ
MATH 2998 - Independent Study: Readings
MATH 3099 - Senior Honors Thesis
MATH 3221 - Meth in Differential Equations
MATH 3400 - Geometry
MATH 3511 - Intro to Linear Algebra
MATH 3512 - Introduction Abstract Algebra
MATH 3721 - Intro to Discrete Structures
MATH 3900 - Undergraduate Oral Examination
MATH 4101 - Advanced Calculus
MATH 4102 - Advanced Calculus
MATH 4221 - Intermed Ordinary Diff Equats
MATH 4224 - Partial Diff Equations I
MATH 4230 - Finite Element Analysis
MATH 4270 - Intro to Optimization
MATH 4301 - Analysis Variance & Exp Design
MATH 4304 - Intro to Regression Analysis
MATH 4311 - Intro Mathematical Statistics
MATH 4312 - Intro Mathematical Statistics
MATH 4373 - Data Analytics
MATH 4385 - Statistical Learning

MATH 4410 - Introduction to Quantum Nonlocality and Quantum Computing

MATH 4411 - Intro to Complex Analysis

MATH 4511 - Linear Algebra

MATH 4611 - Topology

MATH 4801 - Actuarial Prob I

MATH 4802 - Actuarial Prob II

MATH 4803 - Financial Math I

MATH 4804 - Financial Math II

MATH 4990 - Special Topics

MATH 4998 - Selected Readings in Math

MATH 5101 - Advanced Calculus

MATH 5102 - Advanced Calculus

MATH 5221 - Intermed Ordinary Diff Equats

MATH 5224 - Partial Diff Equations I

MATH 5230 - Finite Element Analysis

MATH 5270 - Intro to Optimization

MATH 5280 - Math Modeling Continuous System

MATH 5301 - Analysis Variance & Exp Design

MATH 5304 - Intro to Regression Analysis

MATH 5311 - Intro Mathematical Statistics

MATH 5312 - Intro Mathematical Statistics

MATH 5373 - Data Analytics

MATH 5385 - Statistical Learning

MATH 5410 - Intro to Quantum Nonlocality and Quantum Computing

MATH 5411 - Intro to Complex Analysis

MATH 5511 - Linear Algebra

MATH 5611 - Topology

MATH 5801 - Actuarial Prob I

MATH 5802 - Actuarial Prob II

MATH 5803 - Financial Math I

MATH 5804 - Financial Math II

MATH 5990 - Special Topics
MATH 5991 - Special Topics
MATH 5992 - Special Topics
MATH 6201 - Introduction to Applied Math
MATH 6221 - Adv Differential Equations
MATH 6224 - Partial Differential Eqs II
MATH 6230 - Adv Finite Element Analysis
MATH 6242 - Functional Analysis
MATH 6270 - Advanced Optimization
MATH 6300 - Statistical Programming SAS
MATH 6301 - Applied Statistics
MATH 6303 - Multivariate Statistical Analy
MATH 6304 - Regression Analysis
MATH 6311 - Mathematical Statistics
MATH 6312 - Mathematical Statistics
MATH 6331 - Categorical Data Analysis
MATH 6341 - Linear Statistical Models
MATH 6351 - Time Series Analysis
MATH 6362 - Reliability Theory
MATH 6370 - Statistical Consulting
MATH 6373 - Advanced Data Analytics
MATH 6375 - Advanced Statistical Learning
MATH 6382 - Statistical Analy Surv Data
MATH 6385 - Longitudinal Data Analysis
MATH 6450 - Measure & Integration
MATH 6490 - Topics in Analysis
MATH 6998 - Advanced Readings in Math
MATH 7000 - Thesis Research
MATH 7040 - Examination or Report Only
MATH 7050 - Dissertation Research

Mechanical Engineering

ENME 1781 - Computer Aided Engr Graphics
ENME 2711 - Mater & Process Lab
ENME 2740 - Structs & Prop of Materials
ENME 2750 - Dynamics
ENME 2770 - Engineering Thermodynamics
ENME 2785 - Intro Manufacturing
ENME 3020 - Engineering Analysis
ENME 3093 - Independent Special Lab
ENME 3711 - Thermal Sciences Lab
ENME 3716 - Fluid Mechanics Lab
ENME 3720 - Fluid Mechanics
ENME 3734 - Machine Elements
ENME 3735 - Mechanism Design
ENME 3771 - Heat Transfer
ENME 3776 - Intermed Engr Thermodynamics
ENME 3780 - Intro to Comp Solid Mechanics
ENME 3900 - Senior Honors Thesis
ENME 4023 - Intermed Engineering Analysis
ENME 4096 - Independent Study in Mech Eng
ENME 4097 - Special Topic in Mech Eng
ENME 4721 - Gas Dynamics
ENME 4723 - Ocean & Coastal Engineering
ENME 4724 - Fluid Flow Systems
ENME 4728 - Intro Computat Fluid Dynamics
ENME 4733 - Machine Design
ENME 4734 - Rel Avail Mainten Engr System
ENME 4741 - Corrosion Engineering
ENME 4753 - Process Control Systems
ENME 4754 - Mech Vibration
ENME 4765 - Intro Petroleum Engr
ENME 4771 - Intermediate Heat Transfer

ENME 4772 - Internal Combustion Engines
ENME 4773 - Energy Management
ENME 4774 - Gas Turbine Systems
ENME 4777 - Design Thermal-Fluid Systems
ENME 5023 - Intermed Engineering Analysis
ENME 5097 - Special Topic in Mech Eng
ENME 5721 - Gas Dynamics
ENME 5723 - Ocean & Coastal Engineering
ENME 5724 - Fluid Flow Systems
ENME 5725 - Incompressible Aerodynamics
ENME 5728 - Intro Computat Fluid Dynamics
ENME 5734 - Rel Avail Mainten Engr System
ENME 5741 - Corrosion Engineering
ENME 5753 - Process Control Systems
ENME 5754 - Mech Vibration
ENME 5771 - Intermediate Heat Transfer
ENME 5772 - Internal Combustion Engines
ENME 5773 - Energy Management
ENME 5774 - Gas Turbine Systems
ENME 6024 - Boundary Value Problems
ENME 6026 - Model in Mechanics
ENME 6028 - Finite Element Methods Engr An
ENME 6058 - Computational Mechanics
ENME 6090 - Research Seminar
ENME 6095 - Independent Special Project
ENME 6096 - Ind Spec Topics Mech Engr
ENME 6097 - Adv Spec Topics Mech Engr
ENME 6354 - Theory of Elasticity
ENME 6355 - Theory Plates & Shells
ENME 6357 - Fracture Mechanics
ENME 6364 - Advanced Composite Materials

ENME 6724 - Viscous Flow

ENME 6727 - Turbulence

ENME 6728 - Adv Computatnl Fluid Dynamics

ENME 6755 - Advanced Vibrations

ENME 6756 - Theory of Plasticity

ENME 6770 - Advanced Thermodynamics

ENME 6772 - Convection Heat Transfer

Military Science

MILS 1001 - Intro to Army & Critical Think

MILS 1002 - Found.of Agile & Adoptv Leadrs

MILS 2001 - Leadership and Decision Making

MILS 2002 - Army Doctrine and Team Dev

MILS 2530 - Military History

MILS 3001 - Training Management & Warfight

MILS 3002 - App Leadership in Small Unit

MILS 4001 - The Army Officer & Lab

MILS 4002 - Company Grade Leadership & Lab

MILS 5001 - The Army Officer & Lab

MILS 5002 - Company Grade Leadership & Lab

Music

MUS 1000 - Music Appreciation

MUS 1003 - Early Jazz

MUS 1005 - Intro to Music Literature

MUS 1100 - Fundamentals of Music

MUS 1101 - Theoretical Foundations I

MUS 1102 - Theoretical Foundations II

MUS 1103 - Elementary Musicianship

MUS 1104 - Elementary Musicianship

MUS 1105 - Music Theory I

MUS 1106 - Music Theory II

MUS 1111 - Music Notation

MUS 1200 - Appld Lessons Nonmajors

MUS 1401 - Applied Keyboard

MUS 1402 - Applied Keyboard

MUS 1405 - Piano Class

MUS 1406 - Piano Class

MUS 1407 - Piano Class

MUS 1408 - Piano Class

MUS 1411 - Piano for Everyone

MUS 1412 - Piano for Everyone II

MUS 1431 - Applied Keyboard

MUS 1432 - Applied Keyboard

MUS 1501 - Applied Voice

MUS 1502 - Applied Voice

MUS 1505 - Voice Class

MUS 1507 - Voice Class

MUS 1508 - Voice Class

MUS 1511 - Voice Class Non-Music Majors

MUS 1512 - Voice Class Non-Music Majors

MUS 1531 - Applied Voice

MUS 1532 - Applied Voice

MUS 1601 - Applied Strings

MUS 1602 - Applied Strings

MUS 1611 - Guitar for Everyone

MUS 1612 - Guitar for Everyone

MUS 1631 - Applied Strings

MUS 1632 - Applied Strings

MUS 1701 - Applied Woodwind

MUS 1702 - Applied Woodwind

MUS 1711 - Applied Brass

MUS 1712 - Applied Brass

MUS 1721 - Applied Percussion

MUS 1722 - Applied Percussion
MUS 1731 - Applied Woodwind
MUS 1732 - Applied Woodwind
MUS 1741 - Applied Brass
MUS 1742 - Applied Brass
MUS 1781 - Applied Percussion
MUS 1782 - Applied Percussion
MUS 1811 - Intro to Composition
MUS 1900 - Student Recital
MUS 1901 - Chamber Ensemble
MUS 1902 - University Jazz Band
MUS 1904 - UNO Chorus
MUS 1905 - University Chorale
MUS 1907 - Piano Accompaniment
MUS 1908 - Wind Ensemble
MUS 1910 - University Orchestra
MUS 2000 - Field Research in Arts
MUS 2001 - Special Topics-Music
MUS 2006 - Jazz History
MUS 2101 - Music Theory III
MUS 2103 - Advanced Musicianship
MUS 2109 - Jazz Harmony and Theory
MUS 2110 - Jazz Harmony and Theory
MUS 2201 - History of Music
MUS 2202 - History of Music
MUS 2401 - Applied Keyboard
MUS 2402 - Applied Keyboard
MUS 2406 - Advanced Piano Class
MUS 2431 - Applied Keyboard
MUS 2432 - Applied Keyboard
MUS 2501 - Applied Voice

MUS 2502 - Applied Voice
MUS 2531 - Applied Voice
MUS 2532 - Applied Voice
MUS 2601 - Applied Strings
MUS 2602 - Applied Strings
MUS 2605 - Jazz Keyboard Class
MUS 2606 - Jazz Keyboard Class
MUS 2631 - Applied Strings
MUS 2632 - Applied Strings
MUS 2701 - Applied Woodwind
MUS 2702 - Applied Woodwind
MUS 2711 - Applied Brass
MUS 2712 - Applied Brass
MUS 2721 - Applied Percussion
MUS 2722 - Applied Percussion
MUS 2731 - Applied Woodwind
MUS 2732 - Applied Woodwind
MUS 2741 - Applied Brass
MUS 2742 - Applied Brass
MUS 2781 - Applied Percussion
MUS 2782 - Applied Percussion
MUS 2801 - Applied Composition
MUS 2802 - Applied Composition
MUS 3011 - Music Theory IV
MUS 3013 - Advanced Musicianship
MUS 3091 - Spec Topics in Great Composers
MUS 3099 - Senior Honors Thesis
MUS 3111 - Conducting I
MUS 3112 - Conducting II
MUS 3150 - Music Theory Project
MUS 3200 - Appld Lessons Non Maj

MUS 3207 - History of Hip Hop Music

MUS 3211 - Music History I

MUS 3212 - Music History II

MUS 3250 - Music History Project

MUS 3401 - Applied Keyboard

MUS 3402 - Applied Keyboard

MUS 3431 - Applied Keyboard

MUS 3432 - Applied Keyboard

MUS 3451 - Applied Keyboard

MUS 3452 - Applied Keyboard

MUS 3501 - Applied Voice

MUS 3502 - Applied Voice

MUS 3531 - Applied Voice

MUS 3532 - Applied Voice

MUS 3551 - Applied Voice

MUS 3552 - Applied Voice

MUS 3601 - Applied Strings

MUS 3602 - Applied Strings

MUS 3631 - Applied Strings

MUS 3632 - Applied Strings

MUS 3651 - Applied Strings

MUS 3652 - Applied Strings

MUS 3701 - Applied Woodwinds

MUS 3702 - Applied Woodwinds

MUS 3705 - Jazz Improvisation

MUS 3706 - Jazz Improvisation

MUS 3711 - Applied Brass

MUS 3712 - Applied Brass

MUS 3721 - Applied Percussion

MUS 3722 - Applied Percussion

MUS 3731 - Applied Woodwinds

MUS 3732 - Applied Woodwinds
MUS 3741 - Applied Brass
MUS 3742 - Applied Brass
MUS 3751 - Applied Woodwind
MUS 3752 - Applied Woodwind
MUS 3761 - Applied Brass
MUS 3762 - Applied Brass
MUS 3771 - Applied Percussion
MUS 3772 - Applied Percussion
MUS 3781 - Applied Percussion
MUS 3782 - Applied Percussion
MUS 3801 - Applied Composition
MUS 3802 - Applied Composition
MUS 3950 - Half Recital in Performance
MUS 3960 - Half Recital in Composition
MUS 3990 - Full Recital
MUS 4001 - Special Topics in Music
MUS 4101 - Contrapuntal Techniques
MUS 4102 - 20th Century Techniques
MUS 4103 - Digital Music Production
MUS 4105 - Advanced Orchestration
MUS 4106 - Audio Recording
MUS 4107 - Post Production
MUS 4109 - Adv Jazz Harmony and Theory
MUS 4110 - Adv Jazz Harmony and Theory
MUS 4111 - Conducting III
MUS 4112 - Conducting IV
MUS 4150 - Senior Project
MUS 4203 - Studies in Baroque Music
MUS 4204 - Studies Mus of Classical Era
MUS 4205 - Studies Mus of Romantic Era

MUS 4206 - 20th Century Music
MUS 4207 - Seminar in Jazz History
MUS 4208 - Aesthetics of Music
MUS 4310 - Vocal Pedagogy
MUS 4311 - Piano Pedagogy
MUS 4312 - Instrumental Music Pedagogy
MUS 4598 - Composing for Adv Game Dev
MUS 4705 - Advanced Jazz Improvisation I
MUS 4706 - Advanced Jazz Improvisation II
MUS 4801 - Applied Composition
MUS 4802 - Applied Composition
MUS 4806 - Jazz Composition and Arranging
MUS 4807 - Jazz Arranging/Composition
MUS 4818 - Seminar in Choral Repertory
MUS 4900 - Internship in Music
MUS 4901 - Chamber Ensemble
MUS 4902 - University Jazz Band
MUS 4904 - UNO Chorus
MUS 4905 - University Chorale
MUS 4907 - Piano Accompaniment
MUS 4908 - Wind Ensemble
MUS 4910 - University Orchestra
MUS 4911 - Popular Music Ensemble
MUS 5001 - Special Topics in Music
MUS 5101 - Contrapuntal Techniques
MUS 5102 - 20th Century Techniques
MUS 5103 - Digital Music Production
MUS 5105 - Advanced Orchestration
MUS 5106 - Audio Recording
MUS 5107 - Post Production
MUS 5109 - Adv Jazz Harmony and Theory

MUS 5110 - Adv Jazz Harmony and Theory

MUS 5203 - Studies in Baroque Music

MUS 5204 - Studies Mus of Classical Era

MUS 5205 - Studies Mus of Romantic Era

MUS 5206 - 20th Century Music

MUS 5208 - Aesthetics of Music

MUS 5310 - Vocal Pedagogy

MUS 5311 - Piano Pedagogy

MUS 5312 - Instrumental Music Pedagogy

MUS 5598 - Composing for Adv Game Dev

MUS 5705 - Advanced Jazz Improvisation I

MUS 5706 - Advanced Jazz Improvisation II

MUS 5806 - Jazz Composition and Arranging

MUS 5807 - Jazz Arranging/Composition

MUS 5818 - Seminar in Choral Repertory

MUS 5900 - Internship in Music

MUS 5901 - Chamber Ensemble

MUS 5902 - University Jazz Band

MUS 5904 - UNO Chorus

MUS 5905 - University Chorale

MUS 5907 - Piano Accompaniment

MUS 5908 - Wind Ensemble

MUS 5910 - University Orchestra

MUS 6000 - Directed Independent Study

MUS 6001 - Directed Independent Study

MUS 6002 - Directed Independent Study

MUS 6101 - Analytical Studies Baroq/Class

MUS 6102 - Analyt Studies Rom/20th Cen

MUS 6111 - Seminar Choral Conducting

MUS 6112 - Seminar Instrumental Conduct

MUS 6200 - Music Research Methods & Mater

MUS 6300 - Seminar in Jazz History

MUS 6401 - Applied Keyboard

MUS 6402 - Applied Keyboard

MUS 6431 - Applied Keyboard

MUS 6432 - Applied Keyboard

MUS 6501 - Applied Voice

MUS 6502 - Applied Voice

MUS 6531 - Applied Voice

MUS 6532 - Applied Voice

MUS 6601 - Applied Strings

MUS 6602 - Applied Strings

MUS 6631 - Applied Strings

MUS 6632 - Applied Strings

MUS 6701 - Applied Woodwinds

MUS 6702 - Applied Woodwinds

MUS 6705 - Advanced Improv I

MUS 6706 - Advanced Improv II

MUS 6711 - Applied Brass

MUS 6712 - Applied Brass

MUS 6721 - Applied Percussion

MUS 6722 - Applied Percussion

MUS 6731 - Applied Woodwinds

MUS 6732 - Applied Woodwinds

MUS 6741 - Applied Brass

MUS 6742 - Applied Brass

MUS 6781 - Applied Percussion

MUS 6782 - Applied Percussion

MUS 6801 - Applied Composition

MUS 6802 - Applied Composition

MUS 6831 - Applied Composition

MUS 6832 - Applied Composition

MUS 6900 - Graduate Colloquium

MUS 6950 - Half Recital

MUS 6990 - Graduate Recital

MUS 7000 - Thesis Research

MUS 7040 - Examination or Report Only

National Student Exchange

NSE 2000A - NSE Outgoing Student

NSE 2000B - NSE Outgoing Student

Naval Architecture and Marine Engineering

NAME 1170 - Intro to Naval Arch

NAME 1175 - Naval Arch Lab

NAME 2130 - Intro to Marine Eng

NAME 2160 - Hydrostatics and Stability

NAME 3120 - Ship Hull Strength

NAME 3131 - Marine Engines

NAME 3135 - Marine Electromech

NAME 3150 - Ship Resistance & Propulsion

NAME 3155 - Mar Hydro Lab

NAME 3160 - Offshore & Ship Dynamics I

NAME 3171 - Marine Design Methods

NAME 3900 - Senior Honors Thesis

NAME 4095 - NAME Independent Study

NAME 4096 - Special Topics in Naval Arch

NAME 4097 - Special Topics in Marine Engr

NAME 4120 - Ship Struct Analysis & Design

NAME 4121 - Analy/Des Float Offshore Struc

NAME 4122 - Intro to Marine Composites

NAME 4131 - Rel Avail Mainten Engr System

NAME 4136 - Marine Piping System

NAME 4138 - Ship Control Systems

NAME 4141 - Curved Surface Design

NAME 4151 - Small Craft Design
NAME 4160 - Ship Hydrodynamics II
NAME 4162 - Offshore Struct & Ship Dyn II
NAME 4170 - Marine Design
NAME 4171 - Admiralty Law for Engineers
NAME 4175 - Marine Design Project
NAME 4723 - Ocean & Coastal Engineering
NAME 4728 - Intro Computat Fluid Dynamics
NAME 5095 - NAME Independent Study
NAME 5096 - Special Topics in Naval Arch
NAME 5097 - Special Topics in Marine Engr
NAME 5120 - Ship Struct Analysis & Design
NAME 5121 - Analy/Des Float Offshore Struc
NAME 5122 - Intro to Marine Composites
NAME 5131 - Rel Avail Mainten Engr System
NAME 5136 - Marine Piping System
NAME 5138 - Ship Control Systems
NAME 5141 - Curved Surface Design
NAME 5151 - Small Craft Design
NAME 5160 - Ship Hydrodynamics II
NAME 5162 - Offshore Struct & Ship Dyn II
NAME 5171 - Admiralty Law for Engineers
NAME 5175 - Marine Design Project
NAME 5723 - Ocean & Coastal Engineering
NAME 5728 - Intro Computat Fluid Dynamics
NAME 6080 - Systems Engineering
NAME 6093 - Independent Study Naval Arch
NAME 6097 - Adv Spec Topics in Marine Engr
NAME 6098 - Adv Spec Topics in Marine Engr
NAME 6121 - Marine Structural Vibrations
NAME 6125 - Advanced Offshore Engineering

NAME 6130 - Nuclear Marine Propulsion

NAME 6138 - Autonomy of Ocean Vehicles

NAME 6145 - Hull Shape Optimization

NAME 6160 - Numer Methods in Hydrodynamics

NAME 6164 - Adv Ship/Off-Shore Plf Motions

NAME 6166 - Prob Ship/Off-Shore Plf Dynam

NAME 6168 - High Speed Hydrodynamics

NAME 6175 - Design Fixed Offshore Platform

Naval Science

NAVS 1010 - Intro to Naval Science & Lab

NAVS 1020 - Seapower & Lab

NAVS 1021 - Seapower Lab

NAVS 2010 - Naval Ship Systems I & Lab

NAVS 2200 - Leadership & Management & Lab

NAVS 3010 - Naval Ship Systems II & Lab

NAVS 3011 - Nav Ship Systems II Lab

NAVS 3050 - Maneuver Warfare

NAVS 3100 - Navigation I & Lab

NAVS 3101 - Navigation I Lab

NAVS 3110 - Naval OPS Analysis & Lab

NAVS 3120 - Evolution of Warfare

NAVS 3200 - Leadership and Ethics & Lab

NAVS 3201 - Leader & Ethics Lab

Organizational Leadership

ORGL 3000 - Intro to Org Leadership

ORGL 3110 - Professional Writing

ORGL 3140 - Div. & Intercultural Understan

ORGL 3170 - Concepts & Tech of Org Comm

ORGL 3210 - Principles of Team Leadership

ORGL 3240 - Quantitative & Qualitative Ana

ORGL 3270 - Laws and Ethics Applied to Org

ORGL 3340 - Critical Thinking and Analytic

ORGL 3350 - Issues in Organizational Effec

ORGL 3370 - Strat. Plan.Within Org Culture

Philosophy

PHIL 1000 - Introduction to Philosophy

PHIL 1050 - Analytical Reasoning

PHIL 1101 - Introduction to Logic

PHIL 2096 - Independent Work

PHIL 2201 - Ethics

PHIL 2207 - Philosophy of Law

PHIL 2215 - Social & Political Philosophy

PHIL 2222 - Philosophy of Sex and Love

PHIL 2244 - Engineering Ethics

PHIL 2311 - Hist Ancient & Medieval Phil

PHIL 2312 - History Modern Philosophy

PHIL 2314 - American Philosophy

PHIL 2411 - Philosophy of Language

PHIL 2450 - Philosophy of Mind

PHIL 2700 - Religions of the World

PHIL 3001 - Senior Honors Thesis

PHIL 3030 - Individual Senior Seminar

PHIL 3101 - Advanced Logic

PHIL 3232 - Medical Ethics

PHIL 3260 - Philosophy and Film

PHIL 3301 - Philosophy of Plato

PHIL 3302 - Philosophy of Aristotle

PHIL 3331 - Continental Rationalism 17th C

PHIL 3332 - British Empiricism & 18th Cen

PHIL 3333 - Philosophy of Kant

PHIL 3334 - German Idealism & 19th Century

PHIL 3350 - Darwin & Evolution

PHIL 3400 - Metaphysics

PHIL 3401 - Theories of Knowledge

PHIL 3415 - Phenomenology & Continental

PHIL 3422 - Analytic Philosophy

PHIL 3450 - Philosophical Psychology

PHIL 3480 - Philosophy of Religion

PHIL 3500 - Philosophy of Wittgenstein

PHIL 3511 - Existentialism

PHIL 3580 - Public Disagreement and Civic Virtue

PHIL 4027 - Philosophy of Heidegger

PHIL 4042 - Philosophy of Comedy

PHIL 4094 - Independent Study

PHIL 4095 - Special Topics in Philosophy

PHIL 4200 - Health Promotion Ethics

PHIL 4201 - Advanced Ethics

PHIL 4205 - Environmental Ethics

PHIL 4215 - Adv Soc & Pol Phil

PHIL 4250 - Philosophy of Art

PHIL 4430 - Philosophy of Natural Sciences

PHIL 4580 - Economic Justice

PHIL 4581 - Political Justice

PHIL 5027 - Philosophy of Heidegger

PHIL 5042 - Philosophy of Comedy

PHIL 5094 - Independent Study

PHIL 5095 - Special Topics in Philosophy

PHIL 5200 - Health Promotion Ethics

PHIL 5205 - Environmental Ethics

PHIL 5250 - Philosophy of Art

Physics

PHYS 1001 - Introduction to Physics I

PHYS 1002 - Introduction to Physics II

PHYS 1005 - Introductory Astronomy I
PHYS 1006 - Introductory Astronomy II
PHYS 1007 - Introductory Astronomy Lab I
PHYS 1008 - Introductory Astronomy Lab II
PHYS 1010 - Physics of Music
PHYS 1011 - Physics of Music Laboratory
PHYS 1031 - General Physics I
PHYS 1032 - General Physics II
PHYS 1033 - General Physics Laboratory
PHYS 1034 - General Physics Laboratory
PHYS 1061 - Physics Sci Engr I
PHYS 1062 - Physics Sci Engr II
PHYS 1063 - Physics Lab for Science & Engr
PHYS 1065 - Physics Lab for Science & Engr
PHYS 1066 - Physics Lab
PHYS 2191 - Special Problems in Physics
PHYS 3064 - Modern Physics
PHYS 3094 - Undergraduate Research
PHYS 3191 - Special Problems in Physics
PHYS 3198 - Undergraduate Seminar
PHYS 3301 - Classical Mechanics I
PHYS 4010 - Physics of Music 2
PHYS 4014 - Physics of Music 2 Laboratory: Acoustics, Music, and Electronics
PHYS 4160 - Advanced Laboratory
PHYS 4191 - Spec Problems in Physics
PHYS 4194 - Senior Honors Thesis
PHYS 4195 - Special Topics Physics
PHYS 4196 - Special Topics Physics
PHYS 4197 - Special Topics Physics
PHYS 4198 - Special Topics Physics
PHYS 4201 - Introd Mathematical Physics

PHYS 4202 - Introd Mathematical Physics
PHYS 4205 - Applications Fourier Transform
PHYS 4211 - Intro to Computational Physics
PHYS 4302 - Classical Mechanics II
PHYS 4322 - Introduction to Acoustics
PHYS 4381 - Appl Seismic Acquis & Process
PHYS 4401 - Quantum Mechanics I
PHYS 4402 - Quantum Mechanics II
PHYS 4501 - Electricity & Magnetism
PHYS 4503 - Electricity & Magnetism
PHYS 4507 - Gravity & Magnetism
PHYS 4521 - Modern Optics
PHYS 4601 - Thermodynamics & Stat Mechancs
PHYS 4801 - Nuclear & Reactor Physics
PHYS 4901 - Condensed Matter & Matrls Phys
PHYS 4902 - Materials Science Laboratory
PHYS 5010 - Physics of Music 2
PHYS 5014 - Physics of Music 2 Laboratory: Acoustics, Music, and Electronics
PHYS 5091 - Spec Topics Physics Teachers
PHYS 5160 - Advanced Laboratory
PHYS 5191 - Spec Problems in Physics
PHYS 5195 - Special Topics Physics
PHYS 5196 - Special Topics Physics
PHYS 5197 - Special Topics Physics
PHYS 5198 - Special Topics Physics
PHYS 5201 - Introd Mathematical Physics
PHYS 5202 - Introd Mathematical Physics
PHYS 5205 - Applications Fourier Transform
PHYS 5211 - Intro to Computational Physics
PHYS 5302 - Classical Mechanics II
PHYS 5322 - Introduction to Acoustics

PHYS 5381 - Appl Seismic Acquis & Process

PHYS 5401 - Quantum Mechanics I

PHYS 5402 - Quantum Mechanics II

PHYS 5501 - Electricity & Magnetism

PHYS 5503 - Electricity & Magnetism

PHYS 5507 - Gravity & Magnetism

PHYS 5521 - Modern Optics

PHYS 5601 - Thermodynamics & Stat Mechancs

PHYS 5801 - Nuclear & Reactor Physics

PHYS 5901 - Condensed Matter & MatrIs Phys

PHYS 5902 - Materials Science Laboratory

PHYS 6191 - Selected Topics in Physics

PHYS 6192 - Selected Topics in Physics

PHYS 6193 - Selected Topics in Physics

PHYS 6194 - Selected Topics in Physics

PHYS 6195 - Selected Topics Physics

PHYS 6198 - Seminar

PHYS 6205 - Digital Filtering Image Proc

PHYS 6206 - Image Restoration & Enhancemnt

PHYS 6207 - DigtI Filt & Spect Analysis I

PHYS 6208 - Dig Filt & Spect Analysis II

PHYS 6209 - Intro Wavelets

PHYS 6210 - Wavelet Applications

PHYS 6301 - Classical Mechanics

PHYS 6325 - Underwater Acous Syst Analysis

PHYS 6331 - Principles of Ocean Physics I

PHYS 6332 - Principles of Ocean Physics II

PHYS 6401 - Quantum Mechanics I

PHYS 6402 - Quantum Mechanics II

PHYS 6501 - Electromagnetic Theory I

PHYS 7000 - Thesis Research

PHYS 7025 - Research Methods in Physics

PHYS 7040 - Examination or Report Only

PHYS 7050 - Dissertation Research

PHYS 7050 - Dissertation Research

Political Science

POLI 1010 - Contemporary Issues Politics

POLI 2151 - US Govt & Politics

POLI 2157 - Public Policy

POLI 2200 - U.S. Courts and Judges

POLI 2450 - Issues in Criminal Justice

POLI 2600 - Intro Comparative Government

POLI 2700 - Introduction to World Politics

POLI 2900 - Methods of Political Research

POLI 2993 - Special Topics in Poli Science

POLI 3580 - Public Disagreement and Civic Virtue

POLI 3680 - Politics & the Cinema

POLI 3995 - Independent Readings

POLI 3998 - Internship Political Science

POLI 4170 - Politics of Public Policy

POLI 4310 - US State Politics

POLI 4410 - American Constitutional Law

POLI 4420 - Am Const & Civil Liberties

POLI 4440 - Urban Judicial Process

POLI 4580 - Economic Justice

POLI 4581 - Political Justice

POLI 4600 - Political Parties & Politics

POLI 4601 - Voters and Elections

POLI 4621 - Public Opinion

POLI 4630 - The U.S. Presidency

POLI 4640 - US Congress & People

POLI 4650 - Southern Politics

POLI 4653 - Political Socialization
POLI 4670 - Women and Politics
POLI 4700 - Latin Am Govts & Politics
POLI 4710 - Politics of Developing Areas
POLI 4770 - Modern Political Systems
POLI 4780 - Comparative Democratization
POLI 4790 - Media and Politics
POLI 4800 - Concepts & Patrn Intl Politics
POLI 4820 - International Organization
POLI 4850 - Pol International Econ Relatns
POLI 4860 - International Law
POLI 4870 - American Foreign Policy
POLI 4885 - Issues in Conflict & Diplomacy
POLI 4990 - Special Topics in Poli Science
POLI 4991 - Senior Honors Thesis
POLI 4999 - Political Science Overview
POLI 5170 - Politics of Public Policy
POLI 5310 - US State Politics
POLI 5410 - American Constitutional Law
POLI 5420 - Am Const & Civil Liberties
POLI 5440 - Urban Judicial Process
POLI 5600 - Political Parties & Politics
POLI 5601 - Voters and Elections
POLI 5621 - Public Opinion
POLI 5630 - The U.S. Presidency
POLI 5640 - US Congress & People
POLI 5650 - Southern Politics
POLI 5653 - Political Socialization
POLI 5670 - Women and Politics
POLI 5700 - Latin Am Govts & Politics
POLI 5710 - Politics of Developing Areas

POLI 5770 - Modern Political Systems
POLI 5780 - Comparative Democratization
POLI 5800 - Concepts & Patrnl Intl Politics
POLI 5820 - International Organization
POLI 5850 - Pol International Econ Relatns
POLI 5860 - International Law
POLI 5870 - American Foreign Policy
POLI 5885 - Issues in Conflict & Diplomacy
POLI 5970 - Media and Politics
POLI 5990 - Special Topics in Poli Science
POLI 6001 - Intro Political Research
POLI 6002 - Methods Political Research I
POLI 6003 - Methods Political Research II
POLI 6420 - Appellate Courts Seminar
POLI 6650 - Seminar Women & Politics
POLI 6680 - Sem Legislative Behavior
POLI 6720 - Sem Developed Political Syst
POLI 6790 - Comparative Media
POLI 6810 - IR Theory
POLI 6885 - Sem in International Conflict
POLI 6910 - Spec Topics Sem Poli
POLI 6990 - Independent Research
POLI 7000 - Thesis Research
POLI 7040 - Examination or Report Only
POLI 7050 - Dissertation Research

Psychology

PSYC 1000 - General Psychology
PSYC 1009 - General Psychology Honors
PSYC 1500 - Personal Adjustment
PSYC 1520 - Human Sexual Behavior
PSYC 2091 - Special Topics

PSYC 2100 - Found'n of Developmental Psyc

PSYC 2110 - Child Psychology

PSYC 2120 - Adolescent Psychology

PSYC 2200 - Educational Psychology

PSYC 2310 - Intro to Statistics for Behav

PSYC 2340 - Foundations of Emotion

PSYC 2380 - Found'n of Cognitive Psyc

PSYC 2400 - Found'n of Social Psychology

PSYC 2460 - Moral Psychology

PSYC 2500 - Data Analysis in Psychology

PSYC 2520 - Drugs and Behavior

PSYC 2600 - Abnormal Psychology

PSYC 3090 - Ind Resrch in Psyc

PSYC 3095 - Fld Exp in Applied Psychology

PSYC 3099 - Senior Honors Thesis

PSYC 3130 - Adult Development & Aging

PSYC 3300 - Research Methods and Statistic

PSYC 3320 - Foundations of Biopsychology

PSYC 3340 - Psych of Eating

PSYC 3510 - Intro to Forensic Psychology

PSYC 4000 - Psychology Comprehensive Exam

PSYC 4010 - History Modern Psychology

PSYC 4091 - Spec Topics in Psychology

PSYC 4310 - Intermediate Stats Behavioral

PSYC 4320 - Physiological Psychology

PSYC 4330 - Comparative Psychology

PSYC 4350 - Psychology of Learning

PSYC 4365 - Sensation & Perception

PSYC 4510 - Personality

PSYC 4530 - Psychopathology

PSYC 4540 - Mood Disorders

PSYC 4550 - Clinical Psychology
PSYC 4600 - Psychological Tests & Measrmnt
PSYC 4700 - Psychology of Work
PSYC 5010 - History Modern Psychology
PSYC 5091 - Spec Topics in Psychology
PSYC 5100 - Found'n of Developmental Psyc
PSYC 5310 - Intermediate Stats Behavioral
PSYC 5320 - Physiological Psychology
PSYC 5330 - Comparative Psychology
PSYC 5350 - Psychology of Learning
PSYC 5365 - Sensation & Perception
PSYC 5510 - Personality
PSYC 5530 - Psychopathology
PSYC 5540 - Mood Disorders
PSYC 5550 - Clinical Psychology
PSYC 5600 - Psychological Tests & Measrmnt
PSYC 5700 - Personnel & Indust Psychology
PSYC 6050 - Sem in Professional Problems
PSYC 6090 - Ind Research in Psychology
PSYC 6091 - Seminar
PSYC 6101 - Fund Appl Dev Psychology I
PSYC 6102 - Fund Appl Dev Psychology II
PSYC 6170 - Prob in Soc-Emot Dev
PSYC 6191 - Practicum Develop Psychology
PSYC 6195 - Adv Sem Appl Devel Psychology
PSYC 6311 - Advanced Statistics I
PSYC 6312 - Advanced Statistics II
PSYC 6350 - Advanced Learning
PSYC 6395 - Advanced Seminar in Statistics
PSYC 6400 - Social Psychology
PSYC 6500 - Sem Psyc Interventions

PSYC 6550 - Psychopathology

PSYC 6610 - Measurement of Intelligence

PSYC 6620 - Dev Assessmnt Psychopathology

PSYC 6630 - Autism and ADOS Assessment

PSYC 6801 - Fund Appl Biopsychology I

PSYC 6802 - Fund Appl Biopsychology II

PSYC 6810 - Psychopharmacology

PSYC 6820 - Psychophysiology

PSYC 6891 - Practicum Appl Biopsychology

PSYC 6895 - Adv Sem Appl Biopsychology

PSYC 7000 - Thesis Research

PSYC 7010 - Teaching of Psychology

PSYC 7040 - Examination or Report Only

PSYC 7050 - Dissertation Research

PSYC 7191 - Internship Appl Dev Psychology

PSYC 7891 - Internship Appl Biopsychology

Public Administration

PADM 4220 - Nonprofit Sector

PADM 4221 - Collaboration

PADM 4222 - Legal Ethical / Issues

PADM 4223 - Fin Adm & Dev Nonprft

PADM 4224 - Nonprofit Leadership

PADM 4800 - Spec Studies-Urban Problems

PADM 4810 - Environ Justice in Urbn Envmts

PADM 4900 - Independent Study

PADM 5220 - Nonprofit Sector

PADM 5221 - Collaboration

PADM 5222 - Legal Ethical / Issues

PADM 5223 - Fin Adm & Dev Nonprft

PADM 5224 - Nonprofit Leadership

PADM 5800 - Spec Studies-Urban Problems

PADM 5810 - Environ Justice in Urbn Envmts

PADM 6001 - Rsch Methods - Public Adm

PADM 6010 - Profession of Public Admin

PADM 6020 - Bureaucracy and Democracy

PADM 6110 - Public Budgeting

PADM 6130 - U.S. Disaster Policy

PADM 6160 - Law and Ethics of Pub Admin

PADM 6180 - HR Admin in the Pub Sector

PADM 6201 - Policy Analysis and Prog Eval

PADM 6401 - Administrative Behavior

PADM 6410 - Tech in Public Organizations

PADM 6501 - Crim Justice Admin

PADM 6900 - Independent Study

PADM 6901 - MPA Capstone I

PADM 6902 - MPA Capstone II

PADM 7000 - Thesis Research

PADM 7040 - Examination or Report Only

Public Policy, Ethics, and Law

PPEL 3000 - Foundations of Public Policy, Ethics, and Law

PPEL 3200 - Leadership and Entrepreneurship

PPEL 3580 - Public Disagreement and Civic Virtue

PPEL 3900 - Current Topics in Public Policy, Ethics, and Law

PPEI 3910 - Public Policy, Ethics, and Law Capstone

PPEL 4580 - Economic Justice

PPEL 4581 - Political Justice

Quant Meth - Bus & Econ

QMBE 2786 - Intermed Bus & Econ Stat

QMBE 2787 - Bus & Econ Stat Lab

QMBE 5400 - Statistics for Managers

QMBE 6280 - Math in Financial Economics

QMBE 6281 - Econometrics I

QMBE 6282 - Econometrics II

QMBE 6283 - Sem in Math & Statistics

QMBE 6295 - Spec Topics - Quant Methods

Romance Languages

ROML 4005 - Greek & Roman Myth

ROML 5005 - Greek & Roman Myth

ROML 6003 - Applied Romance Linguistics

ROML 6005 - Romance Linguistics

ROML 6105 - Research Romance Literatures

ROML 6205 - Comparative Romance Cultures

ROML 6207 - Early Modern Romance Cultures

ROML 6282 - Foreign Lang Ped and Practicum

ROML 6398 - Internship in Romance Languages

Sociology

SOC 1051 - Introductory Sociology

SOC 2098 - Special Topics

SOC 2273 - Society and the Person

SOC 2707 - Social Statistics I

SOC 2708 - Methods in Social Research

SOC 2871 - Environment As Social Problem

SOC 2962 - Current Social Problems

SOC 2994 - Multicult & Div in the US

SOC 3091 - Independent Work

SOC 3092 - Independent Work

SOC 3093 - Independent Work

SOC 3094 - Independent Field Research

SOC 3095 - Independent Field Research

SOC 3096 - Internship Sociology

SOC 3097 - Internship in Sociology

SOC 3099 - Senior Honors Thesis

SOC 4070 - Spec Top Women, Lit, Society

SOC 4080 - Persp Wom Gender Sex

SOC 4086 - Sociological Theory

SOC 4094 - Social Change

SOC 4098 - Selected Topics Sociology

SOC 4101 - Social Organization

SOC 4103 - Racial Issues

SOC 4104 - The Family

SOC 4107 - Sociology of Gender

SOC 4113 - Aging and Death

SOC 4124 - Social Stratification

SOC 4150 - Sociology of Pop Culture

SOC 4216 - Advanced Social Psychology

SOC 4219 - Social Deviance

SOC 4788 - Social Statistics II

SOC 4871 - Sociology of Environment

SOC 4875 - Soc of Disaster

SOC 4881 - The Urban Community

SOC 4882 - Urb Issues Plng & Soc Policy

SOC 4903 - Population Issues

SOC 4911 - Drugs & Society

SOC 4921 - Criminology

SOC 4954 - Juvenile Delinquency

SOC 5070 - Spec Top Women, Lit, Society

SOC 5080 - Persp Wom Gender Sex

SOC 5086 - Sociological Theory

SOC 5094 - Social Change

SOC 5098 - Selected Topics Sociology

SOC 5101 - Social Organization

SOC 5103 - Racial Issues

SOC 5104 - The Family

SOC 5107 - Sociology of Gender
SOC 5113 - Aging and Death
SOC 5124 - Social Stratification
SOC 5150 - Sociology of Pop Culture
SOC 5216 - Advanced Social Psychology
SOC 5219 - Social Deviance
SOC 5788 - Social Statistics II
SOC 5871 - Sociology of Environment
SOC 5875 - Soc of Disaster
SOC 5881 - The Urban Community
SOC 5882 - Urb Issues Plng & Soc Policy
SOC 5903 - Population Issues
SOC 5911 - Drugs & Society
SOC 5921 - Criminology
SOC 5954 - Juvenile Delinquency
SOC 6098 - Special Topics
SOC 6105 - Sem Complex Org & Bureaucracy
SOC 6107 - Socl Perspectives on Gender
SOC 6396 - Ind Readings Sociology
SOC 6397 - Ind Readings Sociology
SOC 6398 - Ind Readings Sociology
SOC 6573 - Social Psychology
SOC 6783 - Advanced Sociological Theory
SOC 6784 - Meth of Sociological Investign
SOC 6785 - Sem Research Applications
SOC 6788 - Qualitatv Methods in Sociology
SOC 6813 - Urban Sociology
SOC 6816 - Sem Sexualities
SOC 6871 - Adv Environmental Sociology
SOC 7000 - Thesis Research
SOC 7040 - Examination or Report Only

Spanish

SPAN 1001 - Basic Spanish I

SPAN 1002 - Basic Spanish II

SPAN 2001 - Intermediate Spanish I

SPAN 2002 - Intermediate Spanish II

SPAN 3002 - Phonetics

SPAN 3005 - Romance Linguistics

SPAN 3031 - Spanish Conversation

SPAN 3041 - Advanced Spanish Grammar

SPAN 3042 - Advanced Spanish Comp & Syntax

SPAN 3055 - Analysis & Interpret Span Lit

SPAN 3100 - Survey Spanish Literature I

SPAN 3101 - Survey Spanish Literature II

SPAN 3191 - Independent Work

SPAN 3192 - Independent Work

SPAN 3193 - Independent Work

SPAN 3194 - Internship in Spanish

SPAN 3195 - Internship in Spanish

SPAN 3196 - Internship in Spanish

SPAN 3197 - Oral Proficiency

SPAN 3271 - Spanish-American Civilization

SPAN 3402 - Spanish-American Lit in Trans

SPAN 3405 - Romance Lit and Film

SPAN 3406 - Romance Cult New Orl

SPAN 3500 - Tutorial for Graduating Majors

SPAN 4007 - Spanish Dialectology

SPAN 4015 - History of Spanish Language

SPAN 4031 - Advanced Spanish Conversation

SPAN 4041 - Problems Grammatical Analysis

SPAN 4051 - Business Spanish

SPAN 4070 - Introduction to the Fields of Translation and Interpreting

- SPAN 4122 - Span Lit Golden Age
- SPAN 4171 - Translation and Interpreting in the Healthcare Setting
- SPAN 4173 - Translation and Interpreting in the Legal Setting
- SPAN 4180 - Modern Lit in Span
- SPAN 4201 - Spanish Civilization I
- SPAN 4202 - Spanish Civilization II
- SPAN 4203 - Spanish-American Civiliztn I
- SPAN 5007 - Spanish Dialectology
- SPAN 5015 - History of Spanish Language
- SPAN 5031 - Advanced Spanish Conversation
- SPAN 5041 - Problems Grammatical Analysis
- SPAN 5051 - Business Spanish
- SPAN 5070 - Introduction to the Fields of Translation and Interpreting
- SPAN 5122 - Span Lit Golden Age
- SPAN 5171 - Translation and Interpreting in the Healthcare Setting
- SPAN 5173 - Translation and Interpreting in the Legal Setting
- SPAN 5180 - Modern Lit in Span
- SPAN 5201 - Spanish Civilization I
- SPAN 5202 - Spanish Civilization II
- SPAN 5203 - Spanish-American Civiliztn I
- SPAN 6007 - Spanish Linguistics
- SPAN 6097 - Studies Spanish Linguistics
- SPAN 6190 - Std Medieval Span Literature
- SPAN 6191 - Studies Golden Age Literature
- SPAN 6197 - Studies Span-Amer Lit Aft 1810
- SPAN 6198 - Studies Spanish Literature
- SPAN 6205 - Spanish Thought
- SPAN 6265 - Contemp Hispanic Soc & Inst
- SPAN 6295 - Studies Hispanic Culture & Civ
- SPAN 6397 - Directed Study
- SPAN 7000 - Thesis Research

SPAN 7040 - Examination or Report Only

Special Education & Habilitative Services

EDSP 1001 - Basic Sign Language I

EDSP 2001 - Intermediate Sign Language I

EDSP 3610 - Intro Students M/M

EDSP 3612 - Intro to Spec Ed: Principles

EDSP 3620 - Methods Students M/M

EDSP 3640 - Transition Spec Ed

EDSP 3650 - Prac in Positive Behavior

EDSP 3660 - Practicum Inclusive

EDSP 3982 - Ind Study Spec Educ & Hab Serv

EDSP 4010 - Intro Instruc Issues Sevr Dis

EDSP 4060 - Behavior Mod Appl Settings

EDSP 4420 - Foundations Deaf Education

EDSP 4440 - Sign Language I

EDSP 4450 - Sign Language II

EDSP 4510 - Intro to Gifted/Talented

EDSP 4730 - Residency I: Elem Ed

EDSP 4740 - Res II: Elem Ed - Spec Ed

EDSP 4775 - Tests/Meas Except Individuals

EDSP 4776 - Tests/Meas Ind W Exceptionalt

EDSP 4820 - Introduction to Braille

EDSP 4830 - Mobility Trn Visually Impaired

EDSP 5010 - Intro Instruc Issues Sevr Dis

EDSP 5060 - Behavior Mod Appl Settings

EDSP 5420 - Foundations Deaf Education

EDSP 5440 - Sign Language I

EDSP 5450 - Sign Language II

EDSP 5510 - Intro to Gifted/Talented

EDSP 5775 - Tests/Meas Except Individuals

EDSP 5776 - Tests/Meas Ind W Exceptionalt

EDSP 5810 - Structure Foundation of Eye
EDSP 5820 - Introduction to Braille
EDSP 5830 - Mobility Trn Visually Impaired
EDSP 5990 - Spec Topics in SpEd/Habil
EDSP 6000 - Comm Lit Signif Dis
EDSP 6010 - Mang Beh Except Populations
EDSP 6030 - Hlth/Physical Consid Sv Dis
EDSP 6040 - Instructional Issues Sv Dis
EDSP 6050 - Adv Instructional Issue Sv Dis
EDSP 6060 - Action Research in Education
EDSP 6085 - Found Erly Chld Intr
EDSP 6090 - Family & Community Partnership
EDSP 6110 - Res I Elem Ed
EDSP 6111 - Res I: Elem Ed Internship
EDSP 6120 - Res II: Elem Ed Spec Ed
EDSP 6121 - Res II: Elem Ed - Spec Ed
EDSP 6130 - Res I: Early Int Student Teach
EDSP 6131 - Res I: Early Interv Intern
EDSP 6140 - Res II: Early Int Stud Teach
EDSP 6141 - Res II: Early Interv Intern
EDSP 6160 - Res I: Second Ed - Inclusion
EDSP 6161 - Res I: Sec Ed - Incl - Intern
EDSP 6170 - Res II: Secondary Ed - Spec Ed
EDSP 6171 - Res II: Sec Ed - Sp Ed Intern
EDSP 6210 - Indiv with Autism I
EDSP 6220 - Indiv With Autism II
EDSP 6420 - Educational Audiology
EDSP 6440 - Lang Dev & Instr Strat Deaf
EDSP 6445 - Com Meth Litrcy D/HH
EDSP 6460 - Teach Speech & Speechreading
EDSP 6480 - Curriculum Dev for Deaf

EDSP 6510 - Social Emotional Needs Gifted
EDSP 6530 - Creative Thinking
EDSP 6540 - Educ Strat for Gift/Talented
EDSP 6545 - Literature for Gifted/Talented
EDSP 6550 - Gifted Talented: Curr Dev Prg Org
EDSP 6555 - Disab Chld Early Interv Prog
EDSP 6560 - Comm & Literacy
EDSP 6610 - Adv Meth Lrn/Behav Problems
EDSP 6625 - Adv Trans Plan Stu with Disab
EDSP 6775 - Indiv Intelligence Testing
EDSP 6780 - Psych Assess Indiv with Excep
EDSP 6781 - Consult/Collab in Spec Educ
EDSP 6785 - Diag/Prescrp Strg Ind W/Except
EDSP 6945 - Practicum Hearing Impaired Std
EDSP 6950 - Practicum Gifted/Talented
EDSP 6962 - Student Teaching Special Educ
EDSP 6964 - Fundamentals of Technology
EDSP 6970 - Pract Psycho Educ Diagnosis
EDSP 6980 - Practicum Visual Impairment
EDSP 6981 - Contemp Issues In Ed
EDSP 6982 - Ind Study Spec Ed & Habil Svc
EDSP 6985 - Internship Spec Ed & Habil Svc
EDSP 6990 - Sel Topics Spec Ed & Habil Svc
EDSP 7010 - Doctoral Sem Leadrship Roles
EDSP 7040 - Examination or Report Only
EDSP 7050 - Dissertation Research

Transportation

TRNS 6000 - Spec Topics in Transportation
TRNS 6010 - Transportation Seminar
TRNS 6020 - Intermodal Freight Transport
TRNS 6061 - Intro Transportation Plan

TRNS 6100 - Environment and Energy

TRNS 6200 - Transport Policy & Admin

TRNS 6300 - Applied Transport

TRNS 6800 - Transportation Internship

TRNS 6900 - Independent Study

TRNS 6901 - Transportation Capstone I

TRNS 6902 - Transportation Capstone II

TRNS 7000 - Thesis Research

TRNS 7040 - Examination or Thesis Only

University Success

UNIV 1001 - University Success

UNIV 1003 - Academic Success

UNIV 3002 - Leadership and Mentors

Urban and Regional Planning

MURP 4005 - Intro Neighborhood Planning

MURP 4010 - Policies and Politics of Historic Preservation

MURP 4030 - Social Policy Planning

MURP 4050 - Urb Land Use Plan & Plan Makng

MURP 4062 - Applied Trans Plan

MURP 4063 - Land Use Trans Plan

MURP 4071 - Historic Preservation Law

MURP 4081 - Information Tech for Plan Prof

MURP 4140 - Environmental Planning

MURP 4145 - Coastal Zone Planning & Admin

MURP 4200 - American City Planning

MURP 4500 - Energy Pln for Cit & Regions

MURP 4710 - Urbanism & Urban Design

MURP 4750 - Design & Mgmt of Urban Parks

MURP 4800 - Spec Studies-Urban Problems

MURP 4820 - Tourism for Urban & Reg Plan

MURP 4900 - Independent Study

MURP 5005 - Intro Neighborhood Planning

MURP 5010 - Policies and Politics of Historic Preservation

MURP 5030 - Social Policy Planning

MURP 5050 - Urb Land Use Plan & Plan Makng

MURP 5062 - Applied Trans Plan

MURP 5063 - Land Use Trans Plan

MURP 5070 - Dev Impact Assessment

MURP 5071 - Historic Preservation Law

MURP 5081 - Information Tech for Plan Prof

MURP 5140 - Environmental Planning

MURP 5145 - Coastal Zone Planning & Admin

MURP 5200 - American City Planning

MURP 5500 - Energy Pln for Cit & Regions

MURP 5660 - Negot & Mediation for Planners

MURP 5710 - Urbanism & Urban Design

MURP 5750 - Design & Mgmt of Urban Parks

MURP 5800 - Spec Studies-Urban Problems

MURP 5820 - Tourism for Urban & Reg Plan

MURP 6010 - Plan Neigh & Smaller Community

MURP 6020 - Analytic Methods for Planners

MURP 6030 - Social Policy Planning

MURP 6051 - Housing and Comm Development

MURP 6071 - Zoning-Land Use Regulation

MURP 6100 - Transit Planning

MURP 6121 - Urban & Regional Analysis II

MURP 6130 - Urban Dev:Social Perspective

MURP 6140 - Citizen Participation

MURP 6175 - Dev Finance for Planners

MURP 6180 - Site Planning

MURP 6401 - Urban Public Works Planning

MURP 6450 - Local Economic Development

MURP 6500 - Urban Plan Prac in Dev Nations

MURP 6520 - Comparative Planning & Urb Dev

MURP 6601 - Sem Urban Planning Models

MURP 6605 - Sem Land Use Analysis

MURP 6620 - History & Theory Planning

MURP 6650 - Recreational Planning

MURP 6710 - Urbanism and Urban Design

MURP 6720 - Pract Urban Regional Planning

MURP 6721 - Practicum Planning Lab

MURP 6800 - Planning Internship

MURP 6900 - Independent Study

MURP 7000 - Thesis Research

MURP 7040 - Examination or Report Only

Urban Construction Management

ENCM 1000 - Introduction to Urban Construction Management

ENCM 2100 - Construction Graphics

ENCM 2300 - Urban Architectural Design in Construction

ENCM 2311 - Construction Materials Lab

ENCM 2350 - Structure I

ENCM 3130 - Urban Construction Techniques & Methods

ENCM 3200 - Construction Codes, Documents, and Specifications

ENCM 3340 - Soils and Equipment (tbd)

ENCM 3350 - Advanced Structures (tbd)

ENCM 3600 - Construction Estimating (tbd)

ENCM 3620 - Construction Scheduling (tbd)

ENCM 3800 - Construction Finance and Feasibility (tbd)

ENCM 4500 - MEP Construction (tbd)

ENCM 4600 - Construction Safety Regulations (tbd)

ENCM 4610 - Historic Structures Restoration and Preservation (tbd)

ENCM 4630 - Construction Law and Contracts (tbd)

ENCM 4640 - Sustainable Construction Techniques and Green Building (tbd)

ENCM 4700 - Computer Applications in Construction (tbd)

ENCM 4800 - Urban Construction Management Internship (tbd)

ENCM 4900 - Capstone Project (tbd)

Urban Studies

URBN 1000 - Introduction to Cities

URBN 2000 - The New Orleans Region

URBN 2100 - Globalization and Mobility

URBN 2890 - Urban Special Topics

URBN 2999 - Public Service

URBN 3002 - Introduction to Urban Studies

URBN 3150 - The Suburbs and Car Culture

URBN 3710 - Fundamentals of Urban Design

URBN 3998 - Planning Internship

URBN 3999 - Senior Honors Thesis

URBN 4002 - The Shape of the City

URBN 4003 - The Post World War II City

URBN 4005 - The Everyday City

URBN 4100 - Gentrification Hist Dist

URBN 4140 - Citizen Participation

URBN 4145 - Green Infrastructure

URBN 4150 - Planning for Hazards

URBN 4510 - Cities of the Global South

URBN 4670 - Grantwriting for Planners

URBN 4800 - Spec Studies-Urban Problems

URBN 4810 - Environ Justice in Urban Environments

URBN 4900 - Independent Study

URBN 5002 - The Shape of the City

URBN 5003 - The Post World War II City

URBN 5005 - The Everyday City

URBN 5100 - Gentrification Hist Dist

URBN 5140 - Citizen Participation

URBN 5145 - Green Infrastructure
URBN 5150 - Planning for Hazards
URBN 5510 - Cities of the Global South
URBN 5670 - Grantwriting for Planners
URBN 5800 - Spec Studies-Urban Problems
URBN 5810 - Environ Justice in Urbn Envmts
URBN 6000 - Seminal Research
URBN 6005 - Statistics for Urban Analysis
URBN 6165 - Urban Public Policy Analysis
URBN 6510 - Urb-Rural Issues Dev Countries
URBN 6900 - Independent Study
URBN 7000 - Thesis Research
URBN 7040 - Examination or Report Only

Urban Studies and Planning

DURB 6803 - Seminar Urban Hist
DURB 6830 - Urban Theory
DURB 6850 - Seminar Urban Studies
DURB 6900 - Independent Study
DURB 7020 - Research Design Seminar
DURB 7030 - Research Design Practicum
DURB 7040 - Examination or Report Only
DURB 7050 - Dissertation Research

Women's and Gender Studies

WGS 2010 - Introduction Women's Studies
WGS 3090 - Internship in Women's Studies
WGS 3091 - Ind Read & Res Wm/Gdr Studies
WGS 3092 - Ind Read & Res Wm/Gdr Studies
WGS 3093 - Ind Read & Res Wm/Gdr Studies
WGS 4070 - Spec Top Women, Lit, Society
WGS 4080 - Fem Theory Gen & Sex
WGS 4090 - Variable Topics Womens Studies

WGS 5070 - Spec Top Women, Lit, Society

WGS 5090 - Variable Topics Womens Studies

Other Courses

FA 6900 - Exhibition Design and Management

Admissions

- Undergraduate Admissions
- Admission to the College of Engineering

Admission to the University and to all its programs and operations is open to all persons regardless of race, creed, color, sex, age, marital status, handicap, veterans' status, or national origin who meet the admission requirements and qualifications of the University.

The University requires a non-refundable \$20 application fee of all applicants. The fee is payable when the application is submitted to the Office of Admissions. Application deadlines for each semester (Fall, Spring, and Summer) are published on the Important Dates Calendar maintained by the University Registrar's Office. Applicants should refer to this calendar for applicable dates.

For information and application forms, contact the Enrollment Services, 2000 Lakeshore Drive, New Orleans, Louisiana 70148; or access the University on the World Wide Web at <http://www.uno.edu>.

Undergraduate Admissions

Categories of Admission and Procedures

High School Early Start Admission

High School Early Start

Outstanding high school students may be admitted to the University while still enrolled in high school, if they meet University admission requirements.

Dual Enrollment

Immediately following the freshman year in high school, students may be enrolled in University courses that carry corresponding levels of high school credit during the Summer, Fall, or Spring terms, if they meet first year GPA and test score admission requirements. Students may enroll in up to seven hours in the Summer term and nine hours in Fall or Spring terms. Dual Enrollment students receive a reduced rate of tuition. Students interested in participating in this program should contact their high school counselor to determine eligibility and ensure any credits earned at UNO will count for credit at their high school. All university deadlines and requirements are applicable.

Early Enrollment for High School Students

Students having the approval of their high school principal may "skip" their senior year of high school and enroll as full-time students at the University. These students may be eligible to receive their high school diploma from their home high school after successfully completing 24 University semester hours of credit.

To be admitted as an Early Enrollment Full-Time Enrollment Student, a prospective student:

- must have completed the junior year of high school,
- must be recommended for Early Admission by the high school principal,
- must have earned a 2.5 average on all high school grades, and
- must have earned a minimum admission scores for the ACT or PLAN (18 English, 19 Math), SAT or PSAT (450 English, 460 Math) or ACCUPLACER NG (English 250, Elem. Algebra 250) tests.

Freshman Admission

Students who graduate from state-approved high schools must complete the Louisiana Board of Regents Core Curriculum (**See Core Curriculum listed below**) and require no developmental/remedial courses (ACT of 18 or higher or SAT score of 500 or higher on Writing and Language, ACT of 19 or higher or SAT score of 510 or higher on Mathematics is non-remedial) AND one of the following:

- ACT composite score of 23 or greater (SAT I Math 510 + Writing and Language of 500 or greater) OR
- High school cumulative CORE GPA of 2.5 or greater

Out-of-State and Homeschooled students who do not meet the core curriculum must meet in-state requirements as listed above

OR:

If 17-18 units of core are met, must have a composite ACT score of 23 (SAT I Math + Writing and Language combined score of 1130 or greater) and 2.5 Core GPA and require no developmental/remedial courses.

OR:

If <17 units of core are met, must have a composite ACT score of 26 (SAT I Math + Writing and Language combined score of 1230 or greater) and 2.5 Core GPA.

Adult Freshmen age 25 and over who are graduates of state approved high schools (or have received their GED) must also show the need for non-developmental coursework as demonstrated by the appropriate testing requirements.

Louisiana Board of Regents

Core 4 Curriculum (Requirements for High School Applicants)

Units	Course
English (4 units)	
1	English I
1	English II
1	English III
1	English IV
Math (4 units)	
1	Algebra I or Applied Algebra I or Algebra I-Pt. 2
1	Geometry or Applied Geometry
1	Algebra II
1	Financial Math or Math Essentials or Advanced: Pre-Calculus or Advanced: Functions & Statistics or Pre-Calculus or Calculus or Probability and Statistics or Discrete Math or approved electives
Science (4 units)	
1	Biology
1	Chemistry
	Physical Science or Integrated Science or Physics I or Physics II or Physics of Technology I or Physics of Technology II or Aerospace

2	Science or Biology II or Chemistry II or Earth Science or Environmental Science or Agriscience II or Anatomy and Physiology or approved elective (including approved IBC-related course)
Social Science (4 units)	
1	Civics or AP American Government + Free Enterprise (1/2 unit each)
1	American History
1	World History or World Geography or Western Civilization or AP European History
1	World History or World Geography or Western Civilization or AP European History or Law Studies or Psychology or Sociology or Civics (second semester, 1/2 unit) or African American Studies or approved IBC-related course (Religion I, II, III, IV for non-public schools)
Foreign Language (2 units)	
2	2 units from same language or 2 Speech courses
Arts (1 unit)	
1	Fine Arts Survey or 1 unit: Art or Dance or Music or Theatre Arts or Applied Arts or approved IBC-related course
19	Total Core Curriculum Units

NOTE: Other courses may be acceptable as substitutes for courses in the core curriculum. Contact LOSFA at www.osfa.state.la.us for more information on acceptable substitute courses.

All freshman applicants should submit their applications as early as possible in their senior year. Applicants who meet admission requirements will be admitted conditionally as soon as possible after receipt of the application, official test scores, and official high school transcripts. UNO will retrieve transcripts for Louisiana high school graduates from the Louisiana State Transcript System (STS) if available. An official transcript certifying courses, grades and graduation from high school is required before the student can be fully admitted.

Transcripts must be mailed directly from the high school to the UNO Office of Admissions in order to be considered official; ACT/SAT I scores must be sent directly to UNO from the American College Testing Program/Educational Testing Services.

Advanced Standing Examinations

Students of superior ability and preparation and students who have already obtained a fundamental knowledge of subjects offered by the University may be permitted to take departmental advanced standing examinations in specific courses, which, if passed satisfactorily, will enable the student to receive degree credit. The Advanced Placement tests of the College Board, International Baccalaureate exams taken at the Higher Level, the subject examinations of the College Level Examination Program (CLEP), DSST, UXCEL, and military coursework also may be used as a basis for allowing advanced standing credit. Details on advanced standing are outlined in the chapter entitled University Regulations. **Please note that advanced standing credit earned may not be used for the last 30 hours of degree requirements.**

Privateer Pathways

Privateer Pathways is designed for students who, because of their ACT or SAT scores, need additional support in mathematics and/or English. Skills will be developed through the strategic delivery of academic support to students.

Fall 2019		
English Pathways	English	Math
ACT	16-17	19
SAT (old)	390-420	460-470
SAT (new)	450	510

Compass	61	40 Algebra
Accuplacer	65	65 Elem Alg
Accuplacer NG	240	250

Fall 2019		
Math Pathways	English	Math
ACT	18	18
SAT (old)	450	430-450
SAT (new)	500	430
Compass	70	38 Algebra
Accuplacer	86	55 Elem Alg
Accuplacer NG	250	240

Each student will be individually evaluated for program eligibility based on high school transcripts and test scores. Participants will receive academic advising on courses required as part of the Pathways program.

All students accepted into Privateer Pathways will need to complete the Privateer Pathways Agreement to officially confirm your participation in the program.

- Register and attend New Student Orientation.
- Attend all classes: I am required to abide by the attendance policy outlined in the syllabus for each course. In the event of an absence, I will need to provide the instructor with a reasonable explanation to receive an excused absence (e.g., death or critical illness in the family, jury duty, personal illness). I will be responsible for the material presented as well as assignments/quizzes that I missed for the class session.
- Meet with my academic advisor at least once during the first semester.
- Meet with my UNIV instructor at least once during the first semester.
- Participate in:
 - the Success Coaching Program (must enroll in the program by 9/16/16) OR
 - 4 of the following Academic Success workshops (sign in required):
 - Academic Building Blocks to Success
 - Start Strong Fest
 - Library Resources
 - Study Skills
 - Reducing and Managing Stress
 - Final Study Tips
- Maintain at least a 2.0 Grade Point Average

Transfer Admissions

Those applicants who are now or have been in college should submit applications as early as possible in the semester preceding the date that admission is desired. Eligibility for admission cannot be determined until the application and complete official transcripts from each college and university attended have been received. Applicants should refer to the Important Dates Calendar on the University Registrar's website for application deadlines. Applicants must list on their applications each college and university attended and have transcripts sent from all institutions attended, regardless of whether or not credit was earned. Any student who fails to acknowledge attendance in each college or university in which he or she has been registered is subject to immediate dismissal from the University.

Students enrolled in college at the time applications are submitted should have transcripts sent when they apply for admission, to be followed by the complete final transcript at the close of the semester. The admissions decision is not complete until the final transcript from the institution where the applicant is currently enrolled is received.

All students transferring to UNO must have at least:

- have earned a transferable Associate's Degree (AA or AS)
- OR meet the following requirements:

- have earned at least 24 semester hours or more of college level coursework (including completed courses in English and Math with a grade of "C" or higher).
 - have a minimum GPA of 2.25 as calculated by our Admissions Office.
 - have satisfied any academic suspension periods and be eligible to return to their home institution and be cleared by UNO Office of Student Affairs due to any prior discipline suspensions. Also meet the freshman admission criteria if they have earned less than 24 transferrable hours.
- Credits earned at other post-secondary institutions and presented for transfer credit will be evaluated according to four considerations:

- the educational quality of the institution from which the credit is being transferred;
- the institution is a member of one of the six regional accrediting agencies;
- the comparability of the nature, content, or level of credit to that offered by UNO; and
- the appropriateness and applicability of credit earned to the programs offered by UNO.

The extent to which credits earned in colleges and universities are accepted toward the degree program is determined by the dean of the college in which the student plans to major. If students have previously received a failing grade in 1158 from UNO, they must take and pass ENGL 1158 with a grade of C or better.

Transfer students with less than 24 semester hours of earned transferrable credit must satisfy freshman requirements as well as transfer admission requirements.

Apply by clicking on the following link: <http://www.uno.edu/admissions/apply/index.aspx>

Admission to the College of Engineering

First-time freshmen

First-time freshmen admitted to the university will be admitted to the College of Engineering with an engineering classification.

Engineering students must meet the following criteria prior to enrolling in an engineering course above the 3000level:

- Qualify for, or have credit in, a college-level calculus course (e.g., MATH 2114). Qualification for a first course in college-level calculus requires a minimum MATH ACT score of 28 or a minimum MATH SAT score of 650.
- have a cumulative GPA of 2.25 or higher (GPA is computed based on all grades in physics courses, chemistry courses, engineering courses, courses in mathematics that are prerequisites to MATH 2114, and mathematics calculus courses.)

If a student fails to qualify for a first course in calculus or does not have a cumulative GPA of 2.25 or higher by the end of the semester in which 36 credit hours are attempted (W's, SUS's, and XF's count toward the number of credit hours attempted), the student will be removed from the College of Engineering.

Transfer Students

Students transferring from another university or college are considered transfer Students. The following admission regulations apply to transfer students:

- Students transferring into any of UNO's College of Engineering programs must have earned a C or better in all courses expected to be transferred for curriculum credit.
 - Transfer students with **fewer than 24 transferable hours** must meet the first-time freshman engineering requirements. In addition, they:
 - Must have earned at least a 2.25 Transfer GPA on all coursework, and,
 - Satisfy all other university admission standards.
 - Transfer students with **24 or more but fewer than 36 transferable hours** will be admitted to the College of Engineering but must meet the following criteria to take upper level engineering courses:
 - Qualify for a pre-calculus trigonometry course (e.g., MATH 1126),
 - Have earned a 2.25 or higher Transfer GPA, and,
 - Satisfy all other university admission standards.
 - Transfer students with **24 or more but fewer than 36 transferable hours** will be directly admitted to the College of Engineering **with an Engineering classification** but must meet the following criteria to take upper level engineering courses:
 - Qualify for or have credit in a college-level calculus course (e.g., MATH 2114), and,
 - Satisfy all other university admission standards.
 - Transfer students with **36 or more transferable hours** may only be admitted to the College of Engineering with the Engineering classification and must satisfy the following:
 - Qualify for or have credit in a college-level calculus course (e.g., MATH 2114), and,
 - Satisfy all other university admission standards.
- Engineering orientations are offered in conjunction with the freshmen and transfer student orientations.

Re-entry Admissions

Former UNO undergraduate students who were not enrolled in the regular Fall and Spring semester immediately preceding the semester of desired enrollment must apply for admission according to the deadline published on the Important Dates Calendar maintained on the University Registrar's website. If intervening college work was taken, official transcripts from all institutions attended must be submitted before an admissions decision can be made.

Former students who were on scholastic probation and are readmitted will be continued on scholastic probation regardless of the grade point average earned at the other institution(s).

Former students who left on their first scholastic drop may be readmitted on probation after they sit out the requisite one semester. Students who left on their second scholastic drop may be readmitted on probation after they sit out the requisite two semesters (not including summer). Some students may be required to appeal based upon their quality point deficiency. Those students will be required to submit an appeal letter. Those students will be notified by email upon submission of their new application. If it is determined that the student does not have enough hours left to reach a cumulative 2.0 before graduation, they will not be readmitted. Students who left on their third or more scholastic drop will be required to sit out 6 full semesters (3 years), and will only be admissible on academic renewal or appeal.

Guest Student Admissions

Transfer students who are enrolled in any accredited college or university and wish to enroll in UNO for one semester [ONLY] must have earned at least a cumulative GPA of 2.0 or higher and must be eligible to return to their home institution. Admission as a guest student will terminate at the end of one semester and does not presuppose acceptance by any college or division of the University of New Orleans during the next regular semester. Students attending on this basis must submit all official university transcripts in which they are currently enrolled stating total number of credit hours previously earned. Enrollment at the last accredited institution of higher education must not have resulted in an academic/disciplinary suspension. Students will be required to seek permission to enroll in all courses by the applicable department(s) offering the desired course(s).

New freshmen entering UNO during the Summer term are classified as Summer-only students even though they plan to attend another university in the Fall. To be eligible, freshmen must meet normal freshmen admission requirements.

Special Student Admissions

This program is designed for non-degree seeking students who are not currently enrolled in another institution and whose intention is to only enroll in undergraduate courses.

Eligibility Requirements for Special Students

To be eligible for enrollment in undergraduate courses with the Special Student status, prospects must satisfy the following requirements:

- Never attended college, prospect must meet freshmen admission requirements; or,
- Attended college, student must be eligible to return to their home institution and have at least at 2.25 GPA. Enrollment at the last accredited institution of higher education must not have resulted in an academic/disciplinary suspension.
- Prospects must submit all prior transcripts to be considered.
- International students and veterans planning to attend UNO under one of the public laws governing veterans' educational benefits are not eligible for the special student program.

Credits Earned - Special Students

Credits earned in Special Student status are recorded on the student's permanent academic record. A minimum of 30 semester hours can be earned as a Special Student. After a student earns 30 credit hours, the student must complete the "Change to degree-seeking status" form and meet regular admission requirements in order to continue enrolling at UNO. The form can be found here:

http://www.uno.edu/admissions/adm_documents/general_forms/Change_to_Degree_Status_Form.pdf

Academic Advisement and Continuing Each Semester - Special Students

Because prior college work is not posted to the student's UNO Transcript, students must contact the department that offers the course to determine course enrollment eligibility. This may include taking necessary placement tests in English, Mathematics, and Foreign Language. All prior transcripts and test scores are added to the student's file and will be available for the college office. To continue each semester, the student must complete a request in the Admissions Office and meet satisfactory academic progress the prior semester.

A Special Student may not petition for academic renewal or permission to take advanced standing examinations. In addition, a Special Student may not receive credit for bypass courses, College Board Advanced Placement Examinations, the College Level Examinations Program, armed services courses, and correspondence courses. Special Students who change to degree status may petition the dean of their college for all of the above.

Special Students are not eligible for financial aid.

International Admissions

Citizens of a foreign country applying to UNO as freshmen or transfer undergraduate students are expected to meet all requirements for admission to the University. Graduates of foreign secondary schools who have completed the equivalent of at least an American high school diploma may apply for admission to UNO. Transfer applicants are considered for admission on the basis of previous college records. The deadline dates for filing applications and submitting complete official records can be found on the Important Dates Calendar maintained on the University Registrar's website at <http://www.uno.edu/registrar/index.aspx>.

Proficiency in the English language is vital to the academic success of international students at UNO. For any applicant graduating from a high school located in a non-English speaking country, admission will be based on the following:

- A minimum 2.5 cumulative GPA
- A minimum SAT Comp score of 1130 or ACT Comp score of 23
- A minimum SAT Math score of 510 or ACT Math score of 19
- A minimum SAT English score of 500 or ACT English score of 18

If the applicant cannot meet the minimum SAT or ACT English scores, they can gain admission by having a minimum 2.75 cumulative GPA as calculated by the Admissions office and one of the following:

- A minimum score of 70 on the Test of English Foreign Language (TOEFL).
 - A minimum band score of 6.5 on the International English Language Testing System (IELTS).
- Upon arrival at UNO, international students who have been accepted with TOEFL or IELTS scores will be required to take the English Department's placement exam and will be placed into the appropriate English course based on this measure.

International students seeking to transfer to UNO from an international two or four-year college admission will be based on the following:

- The student must have earned at least 24 hours of college-level credits including a college-level math course
- If the student has earned fewer than 24 credit hours, of college-level credits they must also meet the freshman admission requirements.
- The student must have earned a minimum GPA of 2.25 on all college work; and,
- The student must have earned a minimum of a 70 TOEFL or 6.5 IELTS score.

For additional information on the TOEFL, visit <http://www.ets.org/toefl>. For additional information on the IELTS, visit <http://www.ielts.org>.

Admission to UNO from IELP

The Admissions Office will conditionally admit students to the International English Language Program (IELP). The admission letter will include language that to be fully admitted to UNO, the student will need to meet the following criteria:

- Prospective students must earn a minimum SAT Math score of 500 or ACT score of 19 or minimum 65 on the Elementary Algebra section of the ACCUPLACER test.
 - Prospective students must earn a score of at least LCT 70+/ GVR 70-75+/ WC 75+ on the Michigan Test; and,
 - No Compass scores for English or other measures will be used to satisfy English competency
- In certain cases, applicants with superior academic credentials who do not meet the minimum TOEFL requirement may be considered for admission into the Intensive English Language Program before pursuing a degree. All applicants are required to provide evidence of sufficient funds to cover all costs while studying at the University.

It is mandatory that all international students participate in the student medical insurance program. Fees for this insurance will be assessed at registration.

Lifelong Learner Program

This program is designed for students aged 65 and older to attend courses at UNO tuition-free. To be eligible for this program, students must complete the application and enrollment process by the posted deadlines published on the Important Dates Calendar maintained on the University Registrar's website as well as be a Louisiana resident. The tuition is waived automatically through the Office of the Bursar. The cost of textbooks and standard university fees are not included in the tuition exemption.

Credit from other institutions

Through the Office of Academic Affairs, the Registrar and the Director of Admissions share responsibility for the admission of transfer students and the acceptance transfer credit at the University of New Orleans. The University of New Orleans transfer admission policies abide the Board of Regents Policy, the Undergraduate Catalog the Graduate Catalog, and posted on the Registrar's website BOR Transfer Policy.

Undergraduate Admissions:

An undergraduate transfer applicant should request each college or university he or she has attended to send a transcript to the Office of Admissions. Upon receipt of all transcripts, the previously earned credit is reviewed and a Cumulative GPA is determined for purposes of admission. Once admission has been determined, those credits are then evaluated for application toward those courses making up the degree program of study.

Office of the Registrar:

Courses evaluated by The University of New Orleans for credit earned from regionally accredited institutions will carry the grade earned at the institution where the courses were taken if the grading system used is comparable to UNO's grading system. Technical and vocational credits are not accepted, credits for varsity sports, or credits from non-accredited institutions are not accepted. Transfer students should become familiar with sections of this Catalog concerning the grading system, course repeat policy, and other academic regulations.

The extent to which any transfer courses may be applied toward a degree at UNO is determined by the Academic Dean of each College. A transfer student may complete requirements for graduation in the UNO Catalog in effect at the time of initial enrollment unless the student elects to change to another curriculum or there is a break of one semester or more in attendance at UNO. If there is a break of enrollment greater than one term (excluding Summer), the student is subject to the Catalog in effect when re-entering. Students who change their Major will be subject to the Catalog in effect when the change of Major occurs.

Students who wish to transfer credits to UNO which were earned in a nontraditional manner (i.e., CLEP Subject or General Examinations, Advanced Placement, or Departmental Examinations), will have these evaluated by the Office of Admissions, through the Office of Academic Affairs, will be granted for Departmental Examinations and CLEP Examinations if the course(s) are listed on the student's official transcript with a passing grade or the equivalent, and are within the policies for credit at the University of New Orleans. Advanced placement credit will be given in areas in which UNO normally grants such credit as shown elsewhere in this Catalog.

Transfer students who have question(s) concerning their transfer evaluation may request a review of the evaluation by their academic dean, their department head, the Director of Admissions, and/or the head(s) of the department in which the course(s) are offered at UNO. Requests must be made in writing to the Director of Admissions and must list the specific course(s) in question. The student may be required to furnish course descriptions and may be required to appear before the appropriate college or department personnel.

In order to facilitate a more efficient transfer of courses among public colleges and universities, the Louisiana Board of Regents has established a Master Course Articulation Matrix. This matrix indicates transfer equivalences of courses among Louisiana's public college and universities, and may be accessed through the Board of Regents' webpage at <http://regents.la.gov>. It remains, however, the prerogative of the receiving institution as to whether a course will count toward a particular Major, whether a particular grade is required, or whether the course will satisfy general education requirements. Students should therefore always contact UNO prior to transferring courses.

Community or Junior College Transfer Credits

All academic hours earned at a community or junior college will be posted on the UNO transcript upon the student's transfer. However, the maximum number of hours transferable from a community or junior college for degree credit is sixty. No credit earned at a junior college may be used for credit at the 3000 or 4000 course level.

Tuition and Fees

- Fee Descriptions
- Undergraduate Tuition and Fees
- Graduate Tuition and Fees
- Special Fees (Non-Refundable)
- Miscellaneous Fees
- Insurance Fees (International Students Only)
- Diploma Fees
- Refund of Fees

All University fees and charges are calculated and assessed consistent with policies and procedures of the Louisiana Board of Regents and the University of New Orleans. Information in this Catalog is intended to cover the situations most students encounter. However, the University may have additional policies and procedures by which fees and charges are implemented or which may apply to unusual situations.

Fee Descriptions

Below is a detailed description of course fees on student accounts. A complete list of the University's fees can be found on the University Registrar's website

at <http://www.uno.edu/registrar/>. **Please note: All fees are NON-REFUNDABLE after the 100% deadline date for each term.**

Academic Excellence Fee

The Academic Excellence Fee is used to:

- enhance academic excellence at the University, including the hiring of faculty to teach additional course sections needed to meet student needs,
- reduce class sizes to improve the quality of instruction,
- operate instructional facilities to serve UNO's student population, and
- support services at the heart of the academic enterprise, notably libraries and computing.

This fee is \$10 per credit hour with a maximum of \$120 per semester.

Administrative Fee

Students who withdraw from the University within the Late Registration Period (typically, the first five business days of the semester) are charged a \$50 Administrative fee. In addition, all non-refundable fees (Registration/Late Registration Fee and International Fee) will remain on the student's account. Past semester administration fees can be viewed within the Holds, Withdrawal and Fees section of the website on the Administrative Fee Table page.

Audit

Course Tuition and fees for audit classes are the same as enrolling in a credit course. Non-resident students will not be assessed the non-residency fee if the audit course is their only class. Please be aware that certain scholarships may not cover an audit course's tuition and fees. For any questions regarding scholarships or financial aid, please contact the Financial Aid and Scholarships Office or visit their website.

Building Use Fee

The Building Use Fee is authorized by House Bill 671. This fee shall be used to construct, acquire, repair, maintain, operate, or improve the facilities and physical infrastructure of this university.

Business Differential Fee

A Differential Business Fee of \$20.00/credit hour will be charged to all students enrolled in any non-MBA business courses. This fee will be used for a number of purposes, all of which allow the UNO College of Business Administration to improve instructional programs and provide an enhanced academic learning experience in business studies. The majority of this fee will be for direct student support and will be used to both retain current students and attract new students. It will permit the college to acquire new equipment and improve facilities. A portion of the fee-generated revenue will be used to help retain the best faculty members and help attract new high-quality faculty members in the future. A smaller portion of the fee will be used to create a discretionary fund that the Den can use to improve the quality of the business programs as opportunities arise.

Campus Enhancement Fee

Funds will be used to enhance the campus and improve its infrastructure. During the Fall 2017 semester, the Student Government Association held an open forum in which general support for this fee was expressed. Planned projects include a walkway in the quadrangle area, making the front of the Earl K. Long Library more accessible to pedestrians, and establishing speed control and safety measures on St. Anthony Street. Additional projects will be forthcoming.

Computer Science Differential Fee

A Differential Fee of \$35.00/credit hour will be charged to all students enrolled in any courses in Computer Science. This fee will be used for a number of purposes, all of which allow the UNO Computer Science program to improve instructional programs and provide an enhanced academic learning experience. The majority of the fee will support student recruitment and retention activities, including tutoring by graduate teaching assistants and undergraduate peer tutors, continuous lab facilities enhancement and other activities to increase degree completers, undergraduate research programs, graduate assistantships, and small need and merit-based scholarships. The remaining portion of the funds will be used for recruitment and retention of high-quality computer science faculty and staff.

Course Add Fee

Students will be charged \$50 per day to add a course during a specified period during Late Registration (typically at the end of the Late Registration Period - consult the Academic Calendar on the University Registrar's website for specific dates). This fee is intended to encourage students to finalize their schedule early to avoid any kind of financial or academic penalty.

Differential Engineering Fee

A Differential Engineering Fee of \$48.00/credit hour will be charged to all students enrolled in any Engineering courses. This fee will be used for a number of purposes all of which allow the UNO College of Engineering to improve our instructional programs while providing an enhanced academic learning experience in engineering studies. The majority of this fee will be used to directly help and support student success at UNO and is dedicated to engineering student retention and recruitment. The fee will also support student enrichment with learning enhancement sessions and small need-based scholarships. A portion of this differential fee will be used to provide new laboratory equipment, that cannot be purchased using the additional small lab fee collected because that particular fee is exclusively used for our lab consumables and supplies. A smaller portion of the differential fee will be used to recruit and retain faculty and staff. Finally, a portion of the fees will be used to support student projects including undergraduate research experiences and student travel to professional conferences. The College of Engineering will reserve about 5% of the differential fee to be used at the discretion of the Dean's Office to help our departments with their miscellaneous expenses.

Distance Learning Fee

This fee is used to support the extra resources utilized by enrolling in distance learning courses. The fee is imposed for each distance learning course taken by a student which includes internet, compressed video, and televised classes. (all sections in the 400 section series). The rate is \$20 per course enrolled.

Extended Campus Fee

Extended Campus Fee supports the enhancement of online student support and tutoring, development of new courses and programs, and marketing of online programs.

Extended Payment Plan Option (EPPO) Fee

A \$50.00 non-refundable EPPO Fee will be assessed to all students who choose to use the EPPO. If students do not elect the EPPO and only pay the minimum balance due by the published due date, they will be charged the \$50 non-refundable EPPO fee.

Graduate Enhancement Fee

This fee is a refundable fee used to support the extra expenses associated with the University's graduate school programs and is in addition to the academic excellence fee. The Graduate Enhancement Fee is applied only if a student is classified as a graduate student. The fee is \$33.00 per credit hour with no maximum. (Please note that Pre-MBA students are classified as graduate students and will be charged the Graduate Enhancement Fee. Students classified as GMBA and EMBA are excluded from the fee.)

Health Insurance Plans

Please contact the Student Health Services Office for questions regarding insurance plans. The Student Health Services website provides specific information for health insurance costs.

International Fee

These funds are used by the University to better manage the increased workload caused by the growth of international student enrollments and new federal compliance requirements. Rate is \$150.

Late Registration Fee

This fee is used to support additional administrative costs required to adjust faculty and facility needs as a result of enrollment during Late Registration. The rate is \$150 and is nonrefundable.

Late Payment Fee

This is a \$75 nonrefundable fee assessed if the minimum required payment is not made by the start of Late Registration. These dates change every semester and are posted on WebSTAR, students' fee bills, and the University Registrar and Bursar Office's websites.

MBA Fee

In Compliance with Louisiana Act No. 788 and authorized by the Board of Supervisors of Louisiana State University Agriculture and Mechanical College a Professional Program Fee (PPF) is assessed in the MBA program at the University of New Orleans. This fee is invested to support the MBA program by reducing the size of MBA classes, increasing the number of electives through the hiring of qualified faculty, enhancing the MBA program's promotion, placement and alumni relations activities, raising the stipend of current graduate assistants, and increasing the number of available assistantships. This fee is a nonrefundable and does not apply to Pre-MBA students.

MBA Additional Fees	Fall 2019 - Spring 2020	Summer 2020
1-3 Hours	\$632	\$663
4-6 Hours	\$1,244	\$977 (4-5 hours)
7-8 Hours	\$1,570	\$1173 (6-UP)
9 Hours and Up	\$2,000	

Miscellaneous Lab Fees

This fees is used to enhance and maintain lab equipment/supplies and to ensure students receive the best educational experience while enrolled in the University's lab courses. See the Office of the University Registrar for a complete list of classes with lab fees.

Non-Resident Fee

This fee is charged to those students classified as a non-resident of the State of Louisiana. For information on establishing residency, please contact the Office of Admissions.

Off Campus Fee

The Off Campus Fee is allocated to support the cost of maintaining satellite campus facilities, which provides students with options for taking off campus classes. Rate is \$75 per course.

Operational Fee

The operational fee was imposed by the 2004 Legislature to cover unfunded state mandates. This includes increases in retirement system costs, health insurance costs not funded through the state general fund appropriation, and the enhancement of instructional programs at the University.

Other Mandatory Fees

These fees are used by the University to aid in funding various aspects of the University including campus beautification, student health services, the University Center, and a number of other items.

Posting Credit Fee

Posting Credit Fee is not assessed on incoming freshmen or transfer students for placement tests or any credit from CLEP, AP, etc., earned and posted before the first day classes. Credit that is externally earned (CLEP, AP, etc.) that appears after the first day of classes will be under the category of 'Credit by Exam' and will be subject to this fee. Any credit earned through Standing Exams for courses will also be subject to this fee.

Privateer Bucks

Mandatory Meal Plan - All full-time undergraduate students will receive \$150 Privateer Bucks each semester. Privateer Bucks are a Declining Balance Meal Plan that can be used at any campus dining location including The Galley (cafeteria), The Cove, Subway, Chick-Fil-A, Brewed Awakening, and all other locations. This fee will be placed on each student's account each semester. Privateer Bucks will "roll forward" and can be used during a student's entire enrollment at the University. Any unused portion of this meal plan is refundable to the student upon departure from the University by contacting Campus Dining.

Privateer Spirit Fee

Privateers Spirit Fee supports enhancement of the student experience at NCAA Division I events and supports the engagement of students in campus and student life activities.

Registration Fee

This is a non-refundable \$10 fee assessed to full-time and part-time students for completion of the registration process.

School of Art Differential Fee

A Differential Fee of \$20.00/credit hour will be charged to all students enrolled in any courses in the School of the Arts. This fee will be used for a number of purposes, all of which allow the UNO School of the Arts to improve instructional programs and provide an enhanced academic learning experience. The fee will support student recruitment, retention and success activities, such as tutoring for the undergraduate programs and smaller class sizes, graduate assistant support, scholarships, and faculty advisement for the graduate programs, student and faculty travel, faculty and staff retention, equipment and laboratory upgrades, administrative support for these programs, and other ad hoc needs that arise from these programs.

State Surcharge (Credit Card Convenience Fee)

The University will charge a 2.5% Credit Card Convenience Fee for all credit and debit card payments toward tuition and fees. For online transactions, this fee is 2.75%. This fee is in accordance with Louisiana Revised Statute 49:316.1 and allows public institutions of higher education to recover some of the costs paid by the University for credit/debit card payments.

Student Retention Initiative Fee

Student Retention Initiative Fee supports academic advisement by professional, dedicated advisors and supports the UNO Student Success Collaborative, a predictive analytic platform that supports degree completion, among other student success initiatives.

Technology Fee

This fee is assessed at \$5.00 per credit hour for up to a maximum of \$75 per semester. The fee is dedicated to the acquisition, installation, maintenance, and intelligent use of state-of-the-art technology, solely for the purpose of supporting and enhancing student life while preparing graduates for the workplaces of the twenty-first century.

Utility Surcharge (Fuel Recovery)

This fee is used to meet energy costs which exceed the University's allotted energy budget. All funds collected are restricted and can only be applied to energy costs exceeding the energy budget. These funds are used only after all budgeted state dollars for utilities are expended. Utility costs are monitored in order to adjust the charge up or down as needed.

Withdrawal "W" Policy

A fee of \$50 per course drop will be charged to an Undergraduate student receiving a grade of "W" for a class.
<http://www.uno.edu/bursar/TuitionFees/index.aspx>

Undergraduate Tuition and Fees

Note: The University of New Orleans reserves the right to change tuition and fee without prior notice.

Fall 2019

Credit Hours 1-6

Credit Hours	1	2	3	4	5	6
Tuition	\$962.12	\$962.12	\$962.12	\$1893.91	\$1893.91	\$1893.91
Other Mandatory Fees	168.88	168.88	168.88	329.09	329.09	329.09
Academic Excellence Fee	10.00	20.00	30.00	40.00	50.00	60.00
Technology Fee	5.00	10.00	15.00	20.00	25.00	30.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	10.00	20.00	30.00	40.00	50.00	60.00
Building Use Fee	15.00	15.00	15.00	30.00	30.00	30.00
Operational Fee	22.00	22.00	22.00	43.00	43.00	43.00
Student Retention Initiative Fee	15.00	30.00	45.00	60.00	75.00	90.00
Privateers Spirit Fee	5.00	10.00	15.00	20.00	25.00	30.00
Campus Enhancement Fee	12.00	24.00	36.00	48.00	60.00	72.00
TOTAL	1235.00	1392.00	1349.00	2534.00	2591.00	2648.00
Non-Resident Fee	0	0	0	0	0	0
TOTAL	1235.00	1292.00	1349.00	2534.00	2591.00	2648.00

Credit Hours 7-12

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Credit Hours	7	8	9	10	11	12
Tuition	2392.49	2392.49	2392.49	2845.03	2845.03	3045.19
Other Mandatory Fees	416.51	416.51	416.51	495.97	495.97	529.81
Privateer Bucks						150.00
Academic Excellence Fee	70.00	80.00	90.00	100.00	110.00	120.00
Technology Fee	35.00	40.00	45.00	50.00	55.00	60.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	70.00	80.00	90.00	100.00	110.00	120.00
Building Use Fee	38.00	38.00	38.00	45.00	45.00	48.00
Operational Fee	54.00	54.00	54.00	64.00	64.00	69.00
Student Retention Initiative Fee	105.00	120.00	135.00	150.00	165.00	180.00
Privateers Spirit Fee	35.00	40.00	45.00	50.00	55.00	60.00
Campus Enhancement Fee	84.00	96.00	108.00	120.00	132.00	144.00
TOTAL	3310.00	3367.00	3424.00	4030.00	4087.00	4536.00
Non-Resident Fee	1562.00	1562.00	1562.00	2039.00	2039.00	2418.00
TOTAL	4872.00	4929.00	4986.00	6069.00	6126.00	6954.00

Hours 13-18

Credit Hours	13	14	15	16	17	18
Tuition	3045.19	3045.19	3045.19	3045.19	3045.19	3045.19
Other Mandatory Fees	529.81	529.81	529.81	529.81	529.81	529.81
Privateer Bucks	150.00	150.00	150.00	150.00	150.00	150.00
Academic Excellence Fee	120.00	120.00	120.00	120.00	120.00	120.00
Technology Fee	65.00	70.00	75.00	75.00	75.00	75.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	130.00	140.00	150.00	160.00	170.00	180.00
Building Use Fee	48.00	48.00	48.00	48.00	48.00	48.00
Operational Fee	69.00	69.00	69.00	69.00	69.00	69.00

Student Retention Initiative Fee	195.00	210.00	225.00	240.00	255.00	270.00
Privateers Spirit Fee	65.00	70.00	75.00	80.00	85.00	90.00
Campus Enhancement Fee	156.00	168.00	180.00	192.00	204.00	216.00
TOTAL	4583.00	4630.00	4677.00	4719.00	4761.00	4803.00
Non-Resident Fee	2418.00	2418.00	2418.00	2418.00	2418.00	2418.00
TOTAL	7001.00	7048.00	7095.00	7137.00	7179.00	7221.00

Additional Fees:

- Off Campus Fee: \$75 per course
- For On-line and Hybrid courses, the follow two fees are applicable:
- Distance Learning Fee: \$20 per course
- Extended Campus Fee: \$30/credit hour
- International Fee: \$150
- Specific lab fees may apply
- Differential Fees:
- College of Engineering - \$48/hour
- College of Business - \$20/hour
- School of Art - \$20/hour
- Computer Science - \$35/hour
- College of Education - \$20/hr

Spring 2020

Credit Hours 1-6

Credit Hours	1	2	3	4	5	6
Tuition	\$962.12	\$962.12	\$962.12	\$1893.91	\$1893.91	\$1893.91
Other Mandatory Fees	168.88	168.88	168.88	329.09	329.09	329.09
Academic Excellence Fee	10.00	20.00	30.00	40.00	50.00	60.00
Technology Fee	5.00	10.00	15.00	20.00	25.00	30.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	10.00	20.00	30.00	40.00	50.00	60.00
Building Use Fee	15.00	15.00	15.00	30.00	30.00	30.00
Operational Fee	22.00	22.00	22.00	43.00	43.00	43.00
Student Retention Initiative Fee	15.00	30.00	45.00	60.00	75.00	90.00
Privateers Spirit Fee	5.00	10.00	15.00	20.00	25.00	30.00
Campus Enhancement Fee	12.00	24.00	36.00	48.00	60.00	72.00

TOTAL	1235.00	1392.00	1349.00	2534.00	2591.00	2648.00
Non-Resident Fee	0	0	0	0	0	0
TOTAL	1235.00	1292.00	1349.00	2534.00	2591.00	2648.00

Credit Hours 7-12

Credit Hours	7	8	9	10	11	12
Tuition	\$2392.49	\$2392.49	\$2392.49	\$2845.03	\$2845.03	\$3045.19
Other Mandatory Fees	416.51	416.51	416.51	495.97	495.97	529.81
Privateer Bucks						150.00
Academic Excellence Fee	70.00	80.00	90.00	100.00	110.00	120.00
Technology Fee	35.00	40.00	45.00	50.00	55.00	60.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	70.00	80.00	90.00	100.00	110.00	120.00
Building Use Fee	38.00	38.00	38.00	45.00	45.00	48.00
Operational Fee	54.00	54.00	54.00	64.00	64.00	69.00
Student Retention Initiative Fee	105.00	120.00	135.00	150.00	165.00	180.00
Privateers Spirit Fee	35.00	40.00	45.00	50.00	55.00	60.00
Campus Enhancement Fee	84.00	96.00	108.00	120.00	132.00	144.00
TOTAL	3310.00	3367.00	3424.00	4030.00	4087.00	4536.00
Non-Resident Fee	1562.00	1562.00	1562.00	2039.00	2039.00	2418.00
TOTAL	4872.00	4929.00	4986.00	6069.00	6126.00	6954.00

Hours 13-18

Credit Hours	13	14	15	16	17	18
Tuition	\$3045.19	\$3045.19	\$3045.19	\$3045.19	\$3045.19	\$3045.19
Other Mandatory Fees	529.81	529.81	529.81	529.81	529.81	529.81
Privateer Bucks	125.00	125.00	125.00	125.00	125.00	125.00

Academic Excellence Fee	120.00	120.00	120.00	120.00	120.00	120.00
Technology Fee	65.00	70.00	75.00	75.00	75.00	75.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	130.00	140.00	150.00	160.00	170.00	180.00
Building Use Fee	48.00	48.00	48.00	48.00	48.00	48.00
Operational Fee	69.00	69.00	69.00	69.00	69.00	69.00
Student Retention Initiative Fee	195.00	210.00	225.00	240.00	255.00	270.00
Privateers Spirit Fee	65.00	70.00	75.00	80.00	85.00	90.00
Campus Enhancement Fee	156.00	168.00	180.00	192.00	204.00	216.00
TOTAL	4583.00	4630.00	4677.00	4719.00	4761.00	4803.00
Non-Resident Fee	2418.00	2418.00	2418.00	2418.00	2418.00	2418.00
TOTAL	7001.00	7048.00	7095.00	7137.00	7179.00	7221.00

Additional Fees:

- Off Campus Fee: \$75 per course
- For On-line and Hybrid courses, the follow two fees are applicable:
- Distance Learning: \$20 per course
- Extended Campus Fee: \$30/credit hour
- International Fee: \$150
- Specific lab fees may apply
- Differential Fees:
 - College of Engineering - \$48/hour
 - College of Business - \$20/hour
 - School of Art - \$20/hour
 - Computer Science - \$35/hour
 - College of Education - \$20/hr

Summer 2020

Credit Hours 1-6

Credit Hours	1	2	3	4	5	6
Tuition	247.44	343.44	609.44	688.53	963.53	1238.53
Privateer Bucks						75.00
Other Mandatory Fees	168.56	168.56	168.56	328.47	328.47	328.47
Academic Excellence Fee	10.00	20.00	30.00	40.00	50.00	60.00
Technology Fee	5.00	10.00	15.00	20.00	25.00	30.00

Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	10.00	20.00	30.00	40.00	50.00	60.00
Building Use Fee	15.00	15.00	15.00	30.00	30.00	30.00
Operational Fee	22.00	22.00	22.00	43.00	43.00	43.00
Student Retention Initiative	15.00	30.00	45.00	60.00	75.00	90.00
Privateers Spirit Fee	5.00	10.00	15.00	20.00	25.00	30.00
Campus Enhancement Fee	12.00	24.00	36.00	48.00	60.00	72.00
TOTAL	520.00	673.00	996.00	1328.00	1660.00	2067.00
Non-Resident Fee	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	520.00	673.00	996.00	1328.00	1660.00	2067.00

Credit Hours 7-12

Credit Hours	7	8	9	10	11	12
Tuition	1407.27	1682.27	1957.27	2135.95	2410.95	2644.19
Privateer Bucks	75.00	75.00	75.00	75.00	75.00	75.00
Other Mandatory Fees	415.73	415.73	415.73	495.05	495.05	528.81
Academic Excellence Fee	70.00	80.00	90.00	100.00	110.00	120.00
Technology Fee	35.00	40.00	45.00	50.00	55.00	60.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	70.00	80.00	90.00	100.00	110.00	120.00
Building Use Fee	38.00	38.00	38.00	45.00	45.00	48.00
Operational Fee	54.00	54.00	54.00	64.00	64.00	69.00
Student Retention Initiative	105.00	120.00	135.00	150.00	165.00	180.00
Privateers Spirit Fee	35.00	40.00	45.00	50.00	55.00	60.00
Campus Enhancement Fee	84.00	96.00	108.00	120.00	132.00	144.00
TOTAL	2399.00	2731.00	3063.00	3395.00	3727.00	4059.00
Non-Resident Fee	1562.00	1562.00	1562.00	2039.00	2039.00	2418.00
TOTAL	3961.00	4293.00	4625.00	5434.00	5766.00	6477.00

Hours 13-18

Credit Hours	13	14	15	16	17	18
Tuition	2644.19	2644.19	2644.19	2644.19	2644.19	2644.19
Privateer Bucks	75.00	75.00	75.00	75.00	75.00	75.00
Other Mandatory Fees	528.81	528.81	528.81	528.81	528.81	528.81
Academic Excellence Fee	120.00	120.00	120.00	120.00	120.00	120.00
Technology Fee	65.00	70.00	75.00	75.00	75.00	75.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	130.00	140.00	150.00	160.00	170.00	180.00
Building Use Fee	48.00	48.00	48.00	48.00	48.00	48.00
Operational Fee	69.00	69.00	69.00	69.00	69.00	69.00
Student Retention Fee	195.00	210.00	225.00	240.00	255.00	270.00
Privateers Spirit Fee	65.00	70.00	75.00	80.00	85.00	90.00
Campus Enhancement Fee	156.00	168.00	180.00	192.00	204.00	216.00
TOTAL	4106.00	4153.00	4200.00	4242.00	4284.00	4326.00
Non-Resident Fee	2418.00	2418.00	2418.00	2418.00	2418.00	2418.00
TOTAL	6524.00	6571.00	6618.00	6660.00	6702.00	6744.00

Additional Fees:

- Off Campus Fee: \$75 per course
- For On-line and Hybrid courses, the follow two fees are applicable:
- Distance Learning: \$20 per course
- Extended Campus Fee: \$30/credit hour
- International Fee: \$150
- Specific lab fees may apply
- Differential Fees:
- College of Engineering - \$48/hour
- College of Business - \$20/hour
- School of Art - \$20/hour
- Computer Science - \$35/hour
- College of Education - \$20/hr

Graduate Tuition and Fees

Fall 2019**Graduate: Credit Hours 1-6**

Credit Hours	1	2	3	4	5	6
Tuition	\$962.12	\$962.12	\$962.12	\$1893.91	\$1893.91	\$1893.91
Other Mandatory Fees	180.88	180.88	180.88	355.09	355.09	355.09
Academic Excellence Fee	10.00	20.00	30.00	40.00	50.00	60.00
Technology Fee	5.00	10.00	15.00	20.00	25.00	30.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	10.00	20.00	30.00	40.00	50.00	60.00
Building Use Fee	15.00	15.00	15.00	30.00	30.00	30.00
Operational Fee	22.00	22.00	22.00	43.00	43.00	43.00
Student Retention Initiative Fee	15.00	30.00	45.00	60.00	75.00	90.00
Privateers Spirit Fee	5.00	10.00	15.00	20.00	25.00	30.00
Campus Enhancement Fee	12.00	24.00	36.00	48.00	60.00	72.00
Graduate Enhancement *excluding GMBA and EMBA	33.00	66.00	99.00	132.00	165.00	198.00
TOTAL	1280.00	1370.00	1460.00	2692.00	2782.00	2872.00
Non-Resident Fee	0	0	0	980.00	980.00	980.00
TOTAL	1280.00	1370.00	1460.00	3672.00	3762.00	3852.00

Graduate: Credit Hours 7-12

Credit Hours	7	8	9	10	11	12
Tuition	2392.49	2392.49	3045.19	3045.19	3045.19	3045.19
Other Mandatory Fees	446.51	446.51	571.81	571.81	571.81	571.81
Academic Excellence Fee	70.00	80.00	90.00	100.00	110.00	120.00
Technology Fee	35.00	40.00	45.00	50.00	55.00	60.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	70.00	80.00	90.00	100.00	110.00	120.00

Building Use Fee	38.00	38.00	48.00	48.00	48.00	48.00
Operational Fee	54.00	54.00	69.00	69.00	69.00	69.00
Student Retention Initiative Fee	105.00	120.00	135.00	150.00	165.00	180.00
Privateers Spirit Fee	35.00	40.00	45.00	50.00	55.00	60.00
Campus Enhancement	84.00	96.00	108.00	120.00	132.00	144.00
Graduate Enhancement *excluding GMBA and EMBA	231.00	264.00	297.00	330.00	363.00	396.00
TOTAL	3571.00	3661.00	4554.00	4644.00	4734.00	4824.00
Non-Resident Fee	1401.00	1401.00	2285.00	2285.00	2285.00	2285.00
TOTAL	4972.00	5062.00	6839.00	6929.00	7019.00	7109.00

Graduate: Credit Hours 13-18

Credit Hours	13	14	15	16	17	18
Tuition	3045.19	3045.19	3045.19	3045.19	3045.19	3045.19
Other Mandatory Fees	571.81	571.81	571.81	571.81	571.81	571.81
Academic Excellence Fee	120.00	120.00	120.00	120.00	120.00	120.00
Technology Fee	65.00	70.00	75.00	75.00	75.00	75.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	130.00	140.00	150.00	160.00	170.00	180.00
Building Use Fee	48.00	48.00	48.00	48.00	48.00	48.00
Operational Fee	69.00	69.00	69.00	69.00	69.00	69.00
Student Retention Initiative Fee	195.00	210.00	225.00	240.00	255.00	270.00
Privateers Spirit Fee	65.00	70.00	75.00	80.00	85.00	90.00
Campus Enhancement	156.00	168.00	180.00	192.00	204.00	216.00
Graduate Enhancement *excluding GMBA and EMBA	429.00	462.00	495.00	528.00	561.00	594.00
TOTAL	4904.00	4984.00	5064.00	5139.00	5214.00	5289.00
Non-Resident Fee	2285.00	2285.00	2285.00	2285.00	2285.00	2285.00
TOTAL	7189.00	7269.00	7349.00	7424.00	7499.00	7574.00

MBA Professional Fee (In addition to Tuition)

Credit Hour	1 -3	4 -6	7 - 8	9 and Up
Fee Cost Per Credit Hour	\$632	\$1,244	\$1,570	\$2,000

Additional Fees:

- Off Campus Fee: \$75 per course
- For On-line and Hybrid courses, the follow two fees are applicable:
- Distance Learning Fee: \$20 per course
- Extended Campus Fee: \$50/credit hour
- International Fee: \$150
- Specific lab fees may apply

Differential Fees:

- College of Engineering: \$48/credit hour
- College of Business: \$20/credit hour
- College of Education: \$20/credit hour
- School of Art: \$20/credit hour
- Computer Science: \$35/credit hour

Spring 2020

Graduate: Credit Hours 1-6

Credit Hours	1	2	3	4	5	6
Tuition	\$962.12	\$962.12	\$962.12	\$1893.91	\$1893.91	\$1893.91
Other Mandatory Fees	180.88	180.88	180.88	355.09	355.09	355.09
Academic Excellence Fee	10.00	20.00	30.00	40.00	50.00	60.00
Technology Fee	5.00	10.00	15.00	20.00	25.00	30.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	10.00	20.00	30.00	40.00	50.00	60.00
Building Use Fee	15.00	15.00	15.00	30.00	30.00	30.00
Operational Fee	22.00	22.00	22.00	43.00	43.00	43.00
Student Retention Initiative Fee	15.00	30.00	45.00	60.00	75.00	90.00
Privateers Spirit Fee	5.00	10.00	15.00	20.00	25.00	30.00

Campus Enhancement Fee	12.00	24.00	36.00	48.00	60.00	72.00
Graduate Enhancement *excluding GMBA and EMBA	33.00	66.00	99.00	132.00	165.00	198.00
TOTAL	1280.00	1370.00	1460.00	2692.00	2782.00	2872.00
Non-Resident Fee	0	0	0	980.00	980.00	980.00
TOTAL	1280.00	1370.00	1460.00	3672.00	3762.00	3852.00

Graduate: Credit Hours 7-12

Credit Hours	7	8	9	10	11	12
Tuition	\$2392.49	\$2392.49	\$3045.19	\$3045.19	\$3045.19	\$3045.19
Other Mandatory Fees	446.51	446.51	571.81	571.81	571.81	571.81
Academic Excellence Fee	70.00	80.00	90.00	100.00	110.00	120.00
Technology Fee	35.00	40.00	45.00	50.00	55.00	60.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	70.00	80.00	90.00	100.00	110.00	120.00
Building Use Fee	38.00	38.00	48.00	48.00	48.00	48.00
Operational Fee	54.00	54.00	69.00	69.00	69.00	69.00
Student Retention Initiative Fee	105.00	120.00	135.00	150.00	165.00	180.00
Privateers Spirit Fee	35.00	40.00	45.00	50.00	55.00	60.00
Campus Enhancement Fee	84.00	96.00	108.00	120.00	132.00	144.00
Graduate Enhancement *excluding GMBA and EMBA	231.00	264.00	297.00	330.00	363.00	396.00
TOTAL	3571.00	3661.00	4554.00	4644.00	4734.00	4824.00
Non-Resident Fee	1401.00	1401.00	2285.00	2285.00	2285.00	2285.00
TOTAL	4972.00	5062.00	6839.00	6929.00	7019.00	7109.00

MBA Professional Fee (In addition to Tuition)

Credit Hour	1 -3	4 -6	7 - 8	9 and Up
Fee Cost Per Credit Hour	\$632	\$1,244	\$1,570	\$2,000

Additional Fees:

- Off Campus Fee: \$75 per course
- For On-line and Hybrid courses, the follow two fees are applicable:
- Distance Learning Fee: \$20 per course
- Extended Campus Fee: \$50/credit hour
- International Fee: \$150
- Specific lab fees may apply

Differential Fees:

- College of Engineering: \$48/credit hour
- College of Business: \$20/credit hour
- College of Education: \$20/credit hour
- School of Art: \$20/credit hour
- Computer Science: \$35/credit hour

Summer 2020

Graduate: Credit Hours 1-6

Credit Hours	1	2	3	4	5	6
Tuition	335.44	350.44	597.44	662.53	937.53	1212.53
Other Mandatory Fees	180.56	180.56	180.56	354.47	354.47	354.47
Academic Excellence Fee	10.00	20.00	30.00	40.00	50.00	60.00
Technology Fee	5.00	10.00	15.00	20.00	25.00	30.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	10.00	20.00	30.00	40.00	50.00	60.00
Building Use Fee	15.00	15.00	15.00	30.00	30.00	30.00
Operational Fee	22.00	22.00	22.00	43.00	43.00	43.00
Graduate Enhancement *excluding GMBA and EMBA	33.00	66.00	99.00	132.00	165.00	198.00
Student Retention Initiative	15.00	30.00	45.00	60.00	75.00	90.00
Privateers Spirit Fee	5.00	10.00	15.00	20.00	25.00	30.00
Campus Enhancement Fee	12.00	24.00	36.00	48.00	60.00	72.00
TOTAL	653.00	758.00	1095.00	1460.00	1825.00	2190.00
Non-Resident Fee	0.00	0.00	0.00	980.00	980.00	980.00

TOTAL	653.00	758.00	1095.00	2440.00	2805.00	3170.00
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Graduate: Credit Hours 7-12

Credit Hours	7	8	9	10	11	12
Tuition	1377.27	1652.27	1777.19	1777.19	1777.19	1777.19
Other Mandatory Fees	445.73	445.73	570.81	570.81	570.81	570.81
Academic Excellence Fee	70.00	80.00	90.00	100.00	110.00	120.00
Technology Fee	35.00	40.00	45.00	50.00	55.00	60.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	70.00	80.00	90.00	100.00	110.00	120.00
Building Use Fee	38.00	38.00	48.00	48.00	48.00	48.00
Operational Fee	54.00	54.00	69.00	69.00	69.00	69.00
Graduate Enhancement *excluding GMBA and EMBA	231.00	264.00	297.00	330.00	363.00	396.00
Student Retention Initiative	105.00	120.00	135.00	150.00	165.00	180.00
Privateers Spirit Fee	35.00	40.00	45.00	50.00	55.00	60.00
Campus Enhancement Fee	84.00	96.00	108.00	120.00	132.00	144.00
TOTAL	2555.00	2920.00	3285.00	3375.00	3465.00	3555.00
Non-Resident Fee	1401.00	1401.00	2285.00	2285.00	2285.00	2285.00
TOTAL	3956.00	4321.00	5570.00	5660.00	5750.00	5840.00

Graduate: Credit Hours 13-18

Credit Hours	13	14	15	16	17	18
Tuition	1777.19	1777.19	1777.19	1777.19	1777.19	1777.19
Other Mandatory Fees	570.81	570.81	570.81	570.81	570.81	570.81
Academic Excellence Fee	120.00	120.00	120.00	120.00	120.00	120.00
Technology Fee	65.00	70.00	75.00	75.00	75.00	75.00
Registration Fee	10.00	10.00	10.00	10.00	10.00	10.00
Fuel Recovery Fee	130.00	140.00	150.00	160.00	170.00	180.00

Building Use Fee	48.00	48.00	48.00	48.00	48.00	48.00
Operational Fee	69.00	69.00	69.00	69.00	69.00	69.00
Graduate Enhancement *excluding GMBA and EMBA	429.00	462.00	495.00	528.00	561.00	594.00
Student Retention Initiative	195.00	210.00	225.00	240.00	255.00	270.00
Privateers Spirit Fee	65.00	70.00	75.00	80.00	85.00	90.00
Campus Enhancement Fee	156.00	168.00	180.00	192.00	204.00	216.00
TOTAL	3635.00	3715.00	3795.00	3870.00	3945.00	4020.00
Non-Resident Fee	2285.00	2285.00	2285.00	2285.00	2285.00	2285.00
TOTAL	5920.00	6000.00	6080.00	6155.00	6230.00	6305.00

MBA Professional Fee (In addition to Tuition)

Credit Hour	1 -3	4 -6	6-UP	
Fee Cost Per Credit Hour	663.00	977.00	1173.00	

Additional Fees:

- Off Campus Fee: \$75 per course
- For On-line and Hybrid courses, the follow two fees are applicable:
 - Distance Learning Fee: \$20 per course
 - Extended Campus Fee: \$50/credit hour
- International Fee: \$150
- Specific lab fees may apply
- Differential Fees:
 - College of Engineering: \$48/credit hour
 - College of Business: \$20/credit hour
 - College of Education: \$20/credit hour
 - School of Art: \$20/credit hour
 - Computer Science: \$35/credit hour

Audit Course

Fees for auditing classes are the same as for enrolling for credit. Nonresident fees, however, are not applicable if the student is enrolled in audit classes only. Audit classes cannot be used as eligible classes for establishing minimum enrollment requirements for Financial Aid Programs. (This includes all grant, loan, and scholarship programs).

Special Fees (Non-Refundable)

Arts Administration (AADM) 6504	\$25
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Biological Sciences 1042, 1051, 1061, BIOS 1071, BIOS 1081, BIOS 2014, BIOS 3284, BIOS 3854, 4334, 5334, 4384, 5384, 4414, 5414, 4624, 5624, BIOS 4844, BIOS 5844, BIOS 4914, BIOS 5914, 4944, 5944, BIOS 4974, BIOS 5974	\$22
BIOS 1301, BIOS 2114, 2954, 4114	\$27.50
BIOS 1311	\$33
BIOS 4644, BIOS 5644	\$35
BIOS 3354	\$40
BIOS 2741	\$55
CHEM 1007, CHEM 1008	\$40
Chemistry 2026	\$33
CHEM 2017, 2018, CHEM 2025, CHEM 3027, CHEM 4028, CHEM 5028, CHEM 4030, CHEM 5030	\$60
Clinical Practice Fee: EDUC 4813, EDUC 5813, EDUC 4823, EDUC 5823, EDUC 4833, EDUC 5833, EDUC 4843, EDUC 5843, EDUC 4853, EDUC 5853, EDUC 5863, EDUC 5873, 5888, EDUC 4910, EDUC 5910, EDUC 4920, EDUC 5920, EDUC 4930, EDUC 4940, EDUC 5940, EDUC 4950, EDUC 5950, EDUC 4960, EDUC 5960, EDUC 4970, EDUC 5970, EDUC 5980, EDUC 5990, EDGC 6896, EDGC 6898	\$250
EES 1001, EES 1002, EES 1003, EES 2004, EES 2005	\$22
EES 2051, EES 2700, 2740, 3093, EES 3310, EES 4520, EES 5520, EES 4550, EES 5550, EES 4560, EES 5560, EES 4750, EES 4900, EES 5900	\$33
ENCE 2303, ENCE 2310, ENCE 2311, ENCE 3326, ENCE 3341, ENCE 3356, ENCE 4319, ENCE 5319, ENCE 4390, 5390	\$55
ENEE 2510, ENEE 3092, ENEE 3517, ENEE 3518	\$50
ENEE 2586, ENEE 3091, ENEE 3511, ENEE 3514, 3516, ENEE 3574	\$55
Engineering Lab	\$55
ENGL 2311, ENGL 2312	\$11
ENME 1781, ENME 2711, ENME 3711, ENME 3716, ENME 4733	\$55
FA 2201, FA 2202, 2203, 2231, 2264, FA 4240, FA 5240, FA 4245, FA 5245, FA 4267, FA 5267, FA 4270, FA 5270, FA 4271, FA 5271, 4272, 5272, FA 4273, FA 5273, FA 4274, FA 5274, FA 4275, FA 5275, FA 4280, FA 5280, FA 4281, FA 5281	\$25
FA 4599	\$45
FA 1050, FA 1051, FA 1060, 1061, FA 1551, FA 3301, 3302	\$75
FA 2450, FA 2550, FA 2650, FA 2750, FA 2850, 4650	\$85
FA 3650, FA 3750, FA 3850	\$100
FA 3550, 4550, 4750	\$165
FTA 2110, FTA 4110, FTA 5110	\$10
FTA 1100, FTA 2160	\$40

FTA 4120, FTA 5120	\$50
FTA 3510, 4510, 5510, FTA 6510	\$110
HRT 2030	\$137.50
HRT 3141	\$55
HRT 4230	\$16.50
MATH 1115, MATH 1125	\$20
MUS 3950, MUS 3960, MUS 3990, MUS 6950, MUS 6990	\$82.50
Music Applied Lessons	\$220
NAME 3155, NAME 6145	\$50
NAME 3130, NAME 4170	\$55
Physics 1003, 1004, PHYS 1007, PHYS 1008, 1011, PHYS 1033, PHYS 1034, PHYS 1063, PHYS 1065	\$22
UNIV 1001	\$50/course
Distance Learning Fees (400-499sections only)	\$20/course
Co-op course fee	\$82.50
Differential Engineering Fee - All Engineering Courses	\$33/credit hour
Differential Business Fee - All Business Courses	\$20/credit hour
Differential School of Art Fee - All School of Art Courses	\$20/credit hour
Extended Campus Fee - All Online/Hybrid Courses	\$30/credit hour - Undergraduate Courses \$50/ credit hour - Graduate Courses

Miscellaneous Fees

Registration Fee NON-REFUNDABLE	\$10
Late Registration Fee NON-REFUNDABLE	\$150
Application Fee NON-REFUNDABLE	\$20
Advanced Standing Examination Fee	\$20
Graduate Enhancement Fee	\$33/ cr.hr.
Extended Payment Plan Option (EPPO) NON-REFUNDABLE Not available for Summer semesters	\$50
Undergraduate "W" Drop Fee	\$50

Add Fee During Schedule Adjustment Period	\$50/day
International Student Fee NON-REFUNDABLE	\$150
Off-Campus Registration Fee NON-REFUNDABLE ² (except for Graduate students)	\$75
Technology Fee (\$75 maximum per semester)	\$5/credit hour
Building Use Fee-Undergraduate (Fall and Spring)	
1-3 hours	\$15
4-6 hours	\$30
7-9 hours	\$38
10-11 hours	\$45
12 hours plus	\$48
Building Use Fee-Graduate (Fall and Spring)	
1-3 hours	\$15
4-6 hours	\$30
7-8 hours	\$38
9 hours and up	\$48
Operational Fee-Undergraduate (Fall and Spring)	
1-3 hours	\$22
4-6 hours	\$43
7-9 hours	\$54
10-11 hours	\$64
12 hours plus	\$69
Operational Fee-Graduate (Fall and Spring)	
1-3 hours	\$22
4-6 hours	\$43
7-8 hours	\$54
9 hours and up	\$69
Operational Fee-Undergraduate (Summer)	
1-3 hours	\$23
4-5 hours	\$33

6 hours and up	\$40
Operational Fee-Graduate (Summer)	
1-3 hours	\$22
4-6 hours	\$43
7-8 hours	\$54
9-Up	\$69
Professional Program Fee - MBA	
Summer	
1-3 credits	\$663
4-5 credit	\$977
6-Up	\$1,173
Fall and Spring	
1-3 credits	\$632
4-6 credits	\$1,244
7-8 credits	\$1,570
9-Up	\$2,000
Fuel Recovery Fee (Fall and Spring)	\$10 per credit hour
Academic Excellence Fee	\$10/credit hour (\$120 maximum)
Privateer Bucks - Mandatory Meal Plan (Summer)	\$75
Privateer Bucks - Mandatory Meal Plan (Fall/Spring)	\$150
Privateer Spirit Fee	\$5/credit hour
Student Retention Initiative Fee	\$15/credit hour
Posting Credit Fee	\$100/credit hour
Campus Enhancement Fee	\$12/credit hour

Insurance Fees (International Students Only)

Students age 34 and younger	Annual	Fall	Spring-Summer	Summer Only
Student Only	\$2,633	\$1,072	\$1,561	\$497

Spouse	\$2,633	\$1,072	\$1,561	\$497
Each Child	\$2,633	\$1,072	\$1,561	\$497
Students age 35 and older	Annual	Fall	Spring-Summer	Summer Only
Student Only	\$2,633	\$1,072	\$1,561	\$497
Spouse	\$2,633	\$1,072	\$1,561	\$497
Each Child	\$2,633	\$1,072	\$1,561	\$497

Diploma Fees

*Diploma Fees are non-refundable and required to graduate

Bachelor's	\$100
Master's	\$150
Doctoral	\$150
Dissertation Processing & Microfilming	\$45
Degree only fee	\$15
Diploma remake	\$50
Commencement Participation Fee	\$50

- This fee will not be assessed to first-time freshmen.
- Also applies to undergraduate students enrolled in both on- and off-campus courses.

Refund of Fees

Students who resign from the university or decrease their course load within established timelines for the semester as indicated in the published calendar will be eligible for a full or partial refund.

Financial Aid

- Financial Aid Policy
- Satisfactory Academic Progress (SAP) Policy
- Grants
- Louisiana Go Grant
- Federal Supplemental Educational Opportunity Grants (FSEOG)
- Teach Grant
- Loans
- Federal Direct Loan Program
- Student Employment

The Office of Enrollment Services is responsible for processing financial aid programs, including Federal Grants, Federal Direct Student Loans, Scholarships, and Student Employment (part-time campus work). Students interested in receiving financial aid should first complete the Free Application for Federal Student Aid (FAFSA) and be accepted for admission to the university. A list of many deadlines and helpful information about financing your UNO education is available from the Office of Student Financial Aid or online at <http://www.uno.edu/finaid/index.aspx>. This office will evaluate each student's eligibility based upon information received from the Federal Student Aid Center, in accordance with the financial aid policy below.

Information about student aid, the FAFSA, and other financial aid forms may be obtained either from the Office of Student Financial Aid, University of New Orleans, in the Privateer Enrollment Center, located in the Earl K. Long Library - First Floor, New Orleans, LA 70148 or from the UNO website <http://www.uno.edu/finaid/index.aspx>

Financial Aid Policy

A student must be admitted into the University as a degree seeking student in an eligible curriculum to be considered for financial aid and meet ALL Federal, State, and Institutional requirements.

In determining the eligibility for financial assistance, the Office of Student Financial Aid is guided by the data supplied by the parents and/or student on the FAFSA. The University uses the following mandated formula to determine a student's eligibility for Title IV Federal Financial Aid programs.

$$\text{Cost of Attendance (COA)} - \text{Expected Family Contribution (EFC)} = \text{Financial Need}$$

The term **Cost of Attendance (COA)** refers to an estimate of total expenses that students may incur while attending school for the academic year, including direct institutional costs (tuition, fees, books etc.) as well as indirect costs. Your **actual direct cost** should not be confused with **your** federal financial aid cost of attendance.

The EFC is a number that is determined by the information reported on your FAFSA. The EFC is calculated according to a formula established by federal law. Your family's taxed and untaxed income, assets, and benefits (such as unemployment or Social Security) will be considered in the formula. Also considered are your family size and the number of family members who will attend college or career school during the year.

The University attempts to provide the difference between the Cost of Attendance and the Expected Family Contribution. Financial Aid packages cannot exceed the student's Cost of Attendance.

On approximately May 1 of each award year is the priority deadline date for processing of financial aid. Students interested in participating in one of the federal or state student financial assistance programs at UNO (Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal College Work-Study Program, Louisiana GO Grant, Leveraging Educational Assistance Partnership Grant, Federal Perkins Loan, or the Federal Direct Program [i.e., Federal Direct Subsidized, Federal Direct Unsubsidized, Federal Grad Plus and Federal Direct Parent Loans] **MUST** file a completed FAFSA. Forms may be obtained from high school counselors, the UNO Office of Student Financial Aid, or online at www.fafsa.ed.gov. Students must complete the FAFSA each year in which they are enrolled! The FAFSA/Renewal FAFSA is generally made available January 1st of each year.

When students are awarded aid, they are "packaged financial aid" annually for the Fall and Spring semesters, combined. Students wishing to attend the Summer semester may apply for residual aid that was not used during the Fall and Spring semesters or additional available funding by completing a Summer Financial Aid Request Form. The Summer Request Form is made available on April 1st of each year. Subsequent annual award packages are based upon the data supplied on the Renewal FAFSA and upon the student making Satisfactory Academic Progress. A copy of the university's Satisfactory Academic Progress policy may be obtained from the Office of Student Financial Aid or online at <http://finaid.uno.edu/forms.aspx>

Satisfactory Academic Progress (SAP) Policy

Federal regulations require all students receiving Title IV Financial Aid to maintain Satisfactory Academic Progress (SAP). Title IV Financial Aid Programs include: Pell Grant, Supplemental Educational Opportunity Grant (SEOG), Teacher Education Assistance for College and Higher Education Grant (TEACH), Perkins, Direct Subsidized Stafford Loan, Direct Unsubsidized Stafford Loan, PLUS and GRAD PLUS Loans, and Work-Study.

To meet the SAP requirements for federal aid, students must meet the standards indicated below at the end of each semester:

- Students must earn a minimum GPA (qualitative measure),
- Students must successfully complete a minimum percentage of credits (quantitative measure), and,
- Students must be able to graduate within a maximum timeframe.

Courses/Credits which have been granted scholastic amnesty are still reviewed for SAP. Failure to meet any of the SAP requirements will result in a loss of eligibility for federal financial aid.

Qualitative Measure of Progress (GPA Requirement)

The qualitative requirement defines the minimum GPA that must be earned at the end of each semester. An incomplete grade (I-grades) will be treated as an "F" for the purpose of SAP. Repeated courses will be included in the GPA calculation, but grade suspended courses will not be included in the GPA calculation.

A UNO student must maintain the following cumulative GPA at the end of each semester:

Minimum Cumulative GPA	
Undergraduate Students	2.0 or higher

Post Baccalaureate Students	2.0 or higher
Graduate Students	3.0 or higher

Quantitative Measure of Progress (Pace & Maximum Timeframe Limit)

The quantitative requirement contains two components, Pace and Maximum Timeframe. All credit hours/courses attempted at UNO are counted in the attempted/earned calculation, including scholastic amnesty credits, remedial courses, and courses assigned a W, I, AU, XF, UW, P/S/U, NG, F. Transfer credit hours/courses attempted at a regionally accredited school will count in the Pace and Maximum Timeframe. Repeated and grade suspended courses will be counted each time a student attempts the course, however, the course can be counted only once for earned credit towards the degree. A UNO student must meet the following Pace and Maximum Timeframe requirements at the end of each semester:

Pace

- All students must successfully earn credit for 67% of the courses attempted at UNO.
- Students transferring into UNO must have successfully completed 67% of the courses/credits attempted at regionally accredited schools.

Maximum Time Frame Limit

- All undergraduate students who have not officially graduated with their first baccalaureate degree must be able to complete their primary degree at UNO within 180 attempted hours regardless of the number of majors.
- Post baccalaureate students may receive their eligible federal aid award up to 225 attempted hours, which will include all courses/credits pursued as an undergraduate student.
- Graduate students maximum timeframe limit is based on individual program of study.

All questions pertaining to student financial aid should be directed to the Office of Student Financial Aid, Office of Student Financial Aid, University of New Orleans, in the Privateer Enrollment Center, located in the Earl K. Long Library - First Floor, New Orleans, LA 70148 or from the UNO website; <http://www.uno.edu/finaid/index.aspx>

Grants

Federal Pell Grants are available to eligible undergraduates who have not yet attained a bachelor's degree. The maximum amount of the grant will be set by the U.S. Department of Education based on congressional appropriations. The actual amount of the grant is determined by the Expected Family Contribution (EFC). Eligible students can only receive Federal Pell Grant funding up to 6 years (600%).

To determine how much of the maximum six years (600%) of Pell Grant a student has used each year, the U.S. Department of Education (ED) compares the actual amount the student received for the award year with the scheduled award amount for that award year. If the student receives the full amount of their scheduled award, they will have used 100%. It is possible students may not receive an entire scheduled award for an award year. There are a number of reasons for this, the most common of which are that they are not enrolled for the full year or that they are not enrolled full-time, or both.

If a student did not receive the full amount of a scheduled award, the percentage of the scheduled award that was received is calculated. For example, if the student's scheduled award for an award year is \$5,000, but because they were enrolled for only one semester they received only \$2,500, and thus would have received 50% of the scheduled award for that award year.

Lifetime Eligibility Used (LEU): ED keeps track of a student's LEU by adding together the percentages of their Pell Grant scheduled awards that were received for each award year.

Louisiana Go Grant

Eligibility for the Louisiana Go Grant, students must:

- Be a Louisiana Resident;*
- File a Free Application for Federal Student Aid (FAFSA);
- Receive a federal Pell grant or a financial need grant;
- Have remaining financial need after deducting Estimated Family Contribution (EFC) and all federal/state/institutional grant or scholarship aid ("gift aid") from student's Cost of Attendance (COA);
- Be a student enrolled in an eligible Louisiana institution as of the 14th class day on at least a half-time basis (minimum 6 hours at semester school or 4 hours at a quarter school).

Award Amounts - Louisiana Go Grant**

Award amounts to eligible students are based on the institution's allocation and their packaging policy. Awards may vary with each academic year. Awards will not be paid for Summers sessions, quarters or terms.

Renewal Requirements - Louisiana Go Grant

- Must file a FAFSA or the Renewal FAFSA at least annually;
- Continue to receive a Federal Pell Grant;
- Have remaining financial need after deducting Estimated Family Contribution (EFC) and all federal/state/institutional grant or scholarship aid ("gift aid") from student's Cost of Attendance (COA).
- The Award can be renewed for subsequent years to a maximum lifetime award that correlates to that of the Federal Pell Grant.

*Residency Requirements - Louisiana Go Grant

A student must be a Louisiana resident as of the day the FAFSA is filed and Louisiana is the student's true and fixed domicile as reported on the FAFSA. If a student's state of residence on the FAFSA is not reported as Louisiana, but a dependent student claims that a non-custodial parent is a Louisiana resident, or that parents are Louisiana residents living out of state, Louisiana Office of student financial assistance (LOSFA) will determine residency based on the completion, by the parents, of a residency affidavit.

Federal Supplemental Educational Opportunity Grants (FSEOG)

FSEOG grants are available to degree seeking undergraduate students who have not yet attained a bachelor's degree. The amount of the award is based upon availability of funds and must be given to the UNO students with the most need, according to the Estimated Family Contribution as determined by the FAFSA.

Teach Grant

The College Cost Reduction and Access Act of 2007 created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program which awards grants to students who intend to teach.

The TEACH Grant recipient's obligation is to serve as a highly qualified, full-time teacher in a high-need subject area for at least four years within eight years of finishing the program at a school serving low-income students/families (see important note below).

IMPORTANT NOTE: Recipients who do not complete their teaching obligation will have to repay the TEACH Grants as if the grants were a Federal Direct Unsubsidized Loan, with interest accruing from the time the grant was disbursed.

These are the initial requirements to be considered to participate in the Teach Grant program:

- Students must complete the Free Application for Federal Student Aid (FAFSA) online at www.FAFSA.ed.gov. You do not have to demonstrate financial need to be eligible for the TEACH grant program;
- Students must be a U.S. Citizen or eligible non-citizen;
- Students must be enrolled as a degree-seeking undergraduate or graduate student in the College of Education, in a major/program that is necessary to begin a career in teaching in a high-need subject area. (GCTEP, GPTEP, Post Baccalaureate and Doctoral students cannot qualify for the TEACH Grant
- Students must meet the following academic achievement requirements:
 - Score above the 75th percentile on one of the following college. Admission's tests SAT, ACT for undergraduate students and GRE for graduate students.
 - Have a Cumulative GPA of at least 3.25 on a 4.0 scale, and maintain a cumulative GPA of at least 3.25 throughout their academic program for which they receive a TEACH Grant.
- Complete TEACH Grant online counseling each year.
- Sign an Agreement to Serve and Promise to Pay (ATS) each year with the U.S. Department of Education. www.teach-ats.ed.gov

Award Amounts for Teach Grants

The TEACH Grant Program provides eligible undergraduate students up to \$4,000.00* per year (\$16,000.00* maximum eligibility). Graduate students are also eligible for up to \$4,000.00* per year (\$8,000.00* maximum eligibility). Eligible students will have funds disbursed based on the number of hours enrolled during each semester, as of the 14th day of class.

*The Budget Control Act of 2011 is now in effect and award amounts for any TEACH Grant that is disbursed after March 1, 2013 must be reduced by 6.0 percent from the award amount for which a recipient would otherwise have been eligible. For example, the maximum award of \$4,000 is reduced by \$240, resulting in a maximum award amount of \$3,760.

For additional information regarding the TEACH Grant program, you may go online at www.teachgrant.ed.gov, or contact the U.S. Department of Education at 1-800-4FEDAID (800/433-3243) or contact our office at finaid@uno.edu. If you have already completed your 2013-2014 FAFSA and did not indicate you were interested in this program, please complete the ATS with the Federal Dept. of Education to initiate the eligibility review process by our office.

Loans

Several loan programs are available to students at UNO. These loan programs operate with the understanding that the student will repay the borrowed amount under the terms of the loan.

Loans are available to students from the Federal Direct Student Loan Program, the Federal Perkins Loan Program and the Federal Direct GRAD Plus Program. Parents of dependent students may also apply for the Federal Direct PLUS Loan for Parents. Additional information about this program may be viewed at <http://federalstudentaid.ed.gov/>. You may also inquire about other financial aid programs and/or alternative student loans with the Office of Student Financial Aid.

Federal Direct Loan Program

Federal Direct Loans are low-interest loans for students and parents to help pay for the cost of a student's education after high school. The lender is the U.S. Department of Education rather than a bank.

Federal Direct Subsidized and Unsubsidized Loans

Eligibility for Federal Direct Subsidized and Unsubsidized Loans is based on the information reported on the Free Application for Federal Student Aid (FAFSA). No interest is charged on subsidized loans while a student is enrolled at least half-time, during a student's grace (period after graduation), and during deferment periods. Interest is charged on unsubsidized loans during all periods.

If a student is a first-time borrower on or after July 1, 2013, there is a limit on the maximum period of time (measured in academic years) they may receive Direct Subsidized Loans. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. If this limit applies to the student, they may not receive Direct Subsidized Loans for more than 150 percent of the published length of their Program of Study. This is called a "maximum eligibility period." A student's maximum eligibility period is based on the published length of their current Program of Study. For example, if a student is enrolled in a four-year bachelor's degree program, the maximum period for which they can receive Direct Subsidized Loans is six years (150 percent of 4 years = 6 years).

Because a student's maximum eligibility period is based on the length of their current Program of Study, the maximum eligibility period can change if the student changes to a Program of Study that has a different length. Also, if the student receives Direct Subsidized Loans for one Program of Study and then change to another Program of Study, the Direct Subsidized Loans received for the earlier program will count toward the student's maximum eligibility period.

Federal Direct Subsidized and Unsubsidized Loans are available to most students who are enrolled at least half-time and who meet certain qualifications. A Federal Direct Subsidized Stafford loan is awarded to undergraduate students that demonstrate federal financial need. The Federal Direct Unsubsidized Stafford Loan are loan funds in which the student does not demonstrate federal financial need and the student is responsible for the interest payment on this loan program while the student is in school. Loans are made in amounts up to \$3,500 for freshman, \$4,500 for sophomores, and up to \$5,500 for juniors and seniors. Graduate students are eligible to apply for up to \$20,500 per academic year - depending on the Cost of Attendance - Effective July 1, 2012, Graduate students are only eligible for the Federal Direct Unsubsidized Loan and Federal PLUS - (NO Subsidized Loan funds).

Independent and dependent students may apply for additional Direct Unsubsidized Stafford Loan funds in amounts between \$2,000 - \$7,000 (depending on student's dependency status and classification) and up to \$20,500 for graduate students (depending on student's Cost of Attendance). There are both annual and aggregate loan limits for these programs.

Students are required to complete an Entrance Counseling Interview and a Federal Direct Master Promissory Note (MPN) before a loan can be disbursed. A Master Promissory Note and an Entrance Counseling must be completed (www.studentloans.gov) to receive the Stafford Loan. Repayment of student loans is not required while the student is enrolled in school at least half-time. The student may choose to defer their interest payment on a Federal Direct Unsubsidized Loan - this request can be indicated on the Mater Promissory Note. Students should read all information provided about the terms and conditions of a Federal Direct Student Loan prior to accepting a loan or signing a promissory note.

Federal Direct PLUS Loans

Federal Direct PLUS Loans are low-interest loans available to parents of dependent students and to graduate and professional degree students. Interest is charged during all periods. This program requires a credit check to confirm credit worthiness. Eligible parents can obtain additional funding to help pay the cost of educational expenses for their dependent undergraduate child(ren). It is required that the student file the FAFSA before applying for this program. The eligibility amount is determined by a Financial Aid Administrator.

Federal Direct GRAD Plus

Federal Direct GRAD Plus is a loan program designed for Graduate/Professional students to obtain educational financial assistance in addition to the Stafford Loan Program. This program requires a credit check to confirm credit worthiness. A student must complete the FAFSA to be considered and the eligibility amount is determined by a Financial Aid Administrator.

Student Employment

Student Employment (Federal College Work-Study/Budget Work-Study)

Many departments and other areas of the University employ students (Federal or Budget) in part-time jobs on campus. Such employment must be approved by the Office of Student Financial Aid. All part-time jobs provide basic equity in the rates paid students for similar jobs within the University. The rate paid depends on the nature of the work, the student's classification in college, and his or her skills and previous work experience.

There are a limited number of Student Employment opportunities. Students expressing an interest in student employment, who enroll in classes and meet the employment requirements, must be interviewed by the various colleges/departments in which the student will potentially be placed. The interview and hiring process must be completed and approved prior to hiring/the student's start date. Therefore, an applicant should not assume that they will automatically be placed in a position.

Federal College Work-Study Program

Federal Work-Study students may hold only one part-time job at UNO, and he or she must be enrolled at least half-time during the regular semester, and must be meeting Satisfactory Academic Progress (SAP).

The Federal Work-Study Program is a campus-based program which provides on-campus and off-campus part-time jobs for undergraduate and graduate students who demonstrate financial need. This self-help aid program allows students to earn money to assist in paying for educational expenses, while allowing students the opportunity to gain valuable work experience. Eligibility is based on financial information furnished in the Free Application for Federal Student Aid (FAFSA) which is a part of the Federal College Work-Study Program application. Students are awarded in the order in which the funds are available.

Budgeted Work-Study Program

Budgeted student workers are paid out of the budget of the department in which they are employed, and the funds are not applied towards the student's financial aid package.

Students interested in Budgeted Work Study campus employment should contact the various departments on campus immediately after enrolling so interviews may be arranged with supervisors. Students may also view some available part time job postings at <http://www.career.uno.edu>

Scholarships and Fee Exemptions

The University of New Orleans has a long-standing tradition of pride in the academic ability of its students. The University has demonstrated its commitment to excellence by establishing a growing number of scholarship opportunities for students and transfer students. Each year, academic scholarships are awarded to assist students in obtaining their first bachelor degree. These scholarships are awarded on the basis of outstanding high school academic accomplishments, strong standardized test scores, class rank, and achievements in leadership and community service. Freshmen admitted to the University for the Fall semester are granted full consideration for scholarships if they complete an Application for Undergraduate Admissions by priority deadline of December 15. To receive consideration for a scholarship, students must complete the Admissions application and qualify fully for admission. A separate application is not required for consideration.

The scholarship must be used for university-related expenses (tuition, dormitory room, meal or book/supplies).

Please note: Meeting the minimum requirements does not guarantee a scholarship. Scholarships are awarded based upon availability and funding.

Scholarship renewal is guaranteed if the student successfully meets the retention requirements as outlined in their scholarship guidelines. The award will automatically be credited to the student's account. Most freshman scholarships are renewable for up to four years or graduation, whichever comes first. Transfer scholarships are generally renewable for up to two years or graduation, whichever comes first. **Institutional scholarships can be used during the Fall and Spring semesters only. They cannot be used during the Summer semester.**

A student may use only one fee-exemption or tuition-based scholarship during any semester or Summer term, but generally may hold a cash-award scholarship concurrently with a fee-exemption.

A student automatically forfeits an award upon failure to meet the required retention guidelines for any given award, upon failure to claim the award for any semester, upon resignation during a semester, or upon being dropped from the rolls of the University.

Additional information and applications for scholarships and fee-exemptions are available from the Enrollment Services Offices of Student Financial Aid and Admissions.

The University of New Orleans reserves the right to modify the policy that governs these awards.

Privately Funded Scholarships

Scholarships awarded by outside agencies are administered according to the rules and regulations prescribed by the donors as accepted by the UL System.

State Scholarships

Louisiana Tuition Opportunity Program for Students (TOPS)

TOPS provides financial assistance to students who enroll in a state college or university. Students applying for a TOPS award must submit the Free Application for Federal Student Aid (FAFSA) before July 1, the state deadline, for consideration. All TOPS recipients must be Louisiana residents, have completed the 17 1/2 unit core curriculum, as specified by the state, have graduated from a public/approved non-public high school, must have enrolled full-time for college no later than 1 year after graduation, not have a criminal conviction, and meet the requirements stated under each of the awards described below:

TOPS Opportunity Award

Requirements: Students must have earned a high school grade point average of 2.50 calculated on 17.5 course units and obtained at least the prior state average (currently 20) on the ACT.

TOPS Performance Award

Requirements: Students must have earned a high school grade point average of 3.00 calculated on 17.5 core units and obtained at least a 23 ACT score.

TOPS Honors Award

Requirements: Students must have earned a high school grade point average of 3.00 calculated on 17.5 core units and obtained at least a 27 ACT score.

***For BESE-Approved Home -Study Student Eligibility, contact LOSFA (TOPS) at 1-800-259-5626.**

This information is subject to change. For more information on state scholarships, contact the Louisiana Office of Student Financial Assistance (LOSFA) at 1-800-259-5626 or view on-line at www.osfa.la.gov.

Disclaimer: The University of New Orleans reserves the right to modify the policy that governs these scholarships and fee exemptions. The number of scholarships and award amounts are based upon fund availability.

Glossary

The following are definitions of terms that may be used throughout the University of New Orleans Undergraduate/Graduate Catalog.

Academic Calendar	The official listing of important dates relative to semester/term start and end dates, deadlines and holidays.
Academic Load	The total number of semester hours for which a student is registered in one semester or summer term. See "Course Load."
Academic Record	A history of all of the courses, credit by examinations, and other equivalent activities a student has taken and the grades he/she has received. See also "Transcript."
Academic Year	The period comprised of fall and spring semesters.
Advanced Placement	Approved admittance into a course beyond entry level as a result of demonstrated subject proficiency.
Advanced Standing	Academic credit for one or more courses awarded to a student based upon their successful performance on an examination.
	A member of the University faculty or staff charged with the responsibility of interpreting academic requirements,

Advisor	developing course schedules, providing academic and career information, monitoring adjustment to college and academic progress and making referrals to other departments and support services based on the student's needs.
Approved Elective	Elective that is not open to the free choice of the student.
Area of Concentration	The primary areas of study.
Articulation Agreement	Document that identifies courses that may be taken at one institution for degree completion at another institution.
Audit Colleges	To enroll in a course for no credit. The academic units of the University that offer academic degree programs; administered by deans and staffed by faculty members. The type of training and the degree anticipated determine the student's choice of college.
Concentration	An alternative track of courses within a major, accounting for at least 30 percent of the major requirements.
Core Requirements	See "General Education Requirements."
Co-requisite	A concurrent requirement; usually a course or some other condition that must be taken at the same time as another course.
Course Bulletin	An online publication coordinated by the Office of the Registrar and the academic colleges that includes a list of courses and sections for a specific semester/term, information about registration, fee payment, student financial aid, the final examination schedule, and the academic calendar. See also Information Bulletin.
Course Load	The number of semester hours a student schedules in a given term.
Credit	<ul style="list-style-type: none"> • The recognition awarded for the successful completion of course work. Credits are based on the number of times (hours) a course meets in one week during a regular semester. • The quantitative measure of recognition given to a course, stated in semester hours.
Cross-Enrollment	Through separate formal agreements between UNO and Southern University in New Orleans and Delgado and Elaine O. Nunez Community Colleges, UNO students may register for a limited number of classes at each of these institutions when they register at UNO. Students should contact the office of their dean or the Registrar for information regarding the procedures to be followed for this process.
Cross-Listed	The same course offered under the rubrics of two or more departments.
Cumulative or Overall Average	A student's grade-point average, based on the total number of quality points earned and the total number of semester hours attempted. See "Grade Point Average."
Curriculum	A description of the required and elective courses for a degree program.
Curriculum Sheet	A check sheet used by students and advisors to track the student's progress toward completion of a degree program.
Degree	The title of the award conferred on students by a college, university, or professional school upon completion of a unified program of study (i.e., Bachelor of Arts-B.A.; Bachelor of Science-B.S.; Master of Science-M.S.; Master of Fine Arts-M.F.A.; Master of Music-M.M; Doctor of Philosophy-Ph.D., etc.).
Degree Designation	A degree designation for each authorized program at a public institution of higher education in Louisiana is listed in the Board of Regents' Inventory. Some programs require the name of the subject area as part of the degree designation (Master of Fine Arts-M.F.A., etc.).
Degree Program	A grouping of campus-approved courses and requirements (i.e., minimum gpa, comprehensive examinations, English and mathematics proficiency, etc.) that, when satisfactorily completed, will entitle the student to a degree from an institution of higher education.
Departments	The academic units of the University within colleges; administered by chairs or directors.
Distance Learning	Learning that takes place with the instructor and student separated from each other geographically or in terms of time. For example, an instructor may record a video tape or make a streaming media file with learning objectives and planned activities months or weeks before a student accesses the tape or file to learn from it. Distance learning

	may occur by surface mail, video, interactive or cable TV, satellite broadcast, or any number of Internet technologies such as message boards, chat rooms, and desktop video or computer conferencing.
Elective	Course chosen by the student, as opposed to required course. The term elective, without a qualifier, will be understood to be a free elective, chosen by the student at his or her option from all the courses offered by the University for degree credit, with due regard for prerequisites.
Equivalent	When used in a course prerequisite (e.g., Prereq: SOC 1051 or equivalent), this term means either credit in a comparable course or adequate preparation by other experience. Determination of equivalency is left to the discretion of individual departments.
Freshman	A student with less than 30 hours earned.
General Degree Requirements	Courses and other requirements which must be met by all candidates for any bachelor's degree.
Good Standing	Students are in good standing if they are eligible to continue or to re-enroll at the University, even if on scholastic probation or on academic warning status.
Grade-Point Average (GPA)	A measure of scholastic performance; the ratio of quality points earned to semester hours attempted.
Independent Study	A method of instruction in which studies by individual students are carried on outside the classroom on a topic contracted with an instructor.
Information Bulletin	An annual publication coordinated by the Office of the Registrar which provides information about registration, fee payment, student financial aid, the final examination schedule, the academic calendar and other information of interest to students.
Junior	A student with at least 60 hours of credit earned and less than 90 hours of credit earned.
Lower Level	Undergraduate courses offered at the freshman and sophomore levels designated by a course number beginning with a 1 or 2.
Major	The part of a degree program consisting of a specified group of courses in a particular discipline or field. The name of the major is usually consistent with the degree subject area. A major usually consists of 25 percent or more of the total hours required in an undergraduate curriculum.
Matriculation	The student has fulfilled all Admissions requirements and is eligible to register for classes..
Minor	A student's field of secondary or tertiary academic emphasis. That part of a degree program consisting of a specified group of courses in a particular discipline or field. The minor usually consists of 15 percent or more of the total hours required in an undergraduate curriculum. A minor is an elected emphasis and not required in most programs of study.
Moodle	A Web-based learning, discussion, and class administration tool designed to provide a secure pre-made Web site for a class.
Placement Test	A test given before a student enrolls in a course (that is one of a sequence of courses) to determine the level at which the student begins.
Plan	see "Major."
Post Baccalaureate	An undergraduate student who has already completed one undergraduate degree.
Pre-professional Program	A non-degree program of study in preparation for entry into a professional degree program at another institution or another division of the University; normally takes from one to three years to complete.
Prerequisite	The preliminary requirement, usually credit in another course or class level that must be met before a course can be taken.
Probation	(academic or disciplinary) A status assigned because of unsatisfactory grades or conduct.

Proficiency Examination	A test equivalent to a final examination in a college-level course in which a student is required to demonstrate competence to earn academic credit. The test may be given as a final in a course in which a student is enrolled, as a test to validate transfer credit earned at another institution, or as a method for earning credit for a course in which a student is not formally enrolled.
Program	The college or unit in which a major (plan) is housed.
Quality Point	The numeric value of a letter grade A=4; B=3; C=2; D=1; F=0. The computed value of the quality point times the credits for the course
Registration	The process by which a duly admitted student, upon payment of required fees, is enrolled in classes.
Resignation	The official process by which a student withdraws (drops) from all courses during a university semester or term.
Section	Specific designation (beyond the course number) of each course offering that distinguishes room location, meeting time, and instructor.
Semester Hour	The unit by which course work is measured. The number of semester hours assigned to a course is usually determined by the number of hours the class meets per week.
Seminar	A method of instruction in which a group of students engaged in research or advanced study meets under the guidance of one or more University faculty members for presentation and discussion of approved topics.
Senior	A student with at least 90 semester hours of credit earned.
Sophomore	A student with at least 30 semester hours of credit earned and no more than 59 hours of credit.
Statute of Limitations	A time limit placed on completing a specific degree or process.
Student Number	A student's UNO number is his/her permanent identification and is unique to that person.
Student Schedule	The courses in which a student is enrolled.
Suspension	(academic or disciplinary) A university assigned status that prohibits students from registering for courses for a specified time period. See also "Probation."
Term Activate	A computer process indicating a student is eligible to enroll for a specific semester or term.
Transcript	The continuous, formal, and official record of a student's academic work at a university.
Transfer Student	A student who terminates enrollment in one college or university and subsequently enrolls in this University.
Upper Level	Undergraduate courses offered at the junior and senior levels designated by a course number beginning with a 3 or a 4.
Withdrawal	See "Resignation."

Student Life

- Counseling Services
- Department of Recreation and Intramural Sports
- Intercollegiate Athletics
- Office of Student Accountability and Disability Services
- Student Accountability
- Office of International Students and Scholars
- Service Learning
- Ochsner Health Center-UNO
- Residential Life

- Student Media
- The Office of Student Involvement and Leadership
- UNO Career Services
- Veterans' Service Center

The University of New Orleans (UNO) recognizes the important educational role that involvement in student life provides for students. There is a commitment to focus on the development of the whole student by extending the classroom experience through co-curricular activities. By becoming involved on campus, students have an opportunity to develop intellectual, social, leadership, communication and recreational skills. These skills can assist students personally and professionally. Student Affairs is committed to sponsoring and promoting activities that complement the educational experience. The following information is only a sampling of the offerings available. We encourage all students to explore all aspects of student life at the University of New Orleans.

Counseling Services

Counseling Services offers problem assessment and short-term personal (mental health) counseling to currently-enrolled UNO students. These services are focused on the resolution of students' current personal concerns and problems which might interfere with academic functioning. The Counseling Services staff can also assist students with referrals for longer-term or specialized treatment, if needed. Additionally, Counseling Services offers career testing and counseling to assist undecided students in choosing a career path which corresponds to personality traits and their current interests and skills. For additional information, please visit <http://counserv.uno.edu>.

Department of Recreation and Intramural Sports

The Department of Recreation and Intramural Sports (RIS) offers a variety of programs and services for UNO Students.

Recreation and Fitness Center

A very popular service for students is the UNO Recreation and Fitness Center. This facility serves students who are interested in participating in a variety of fitness and recreational activities. The Recreation and Fitness Center has 3 basketball courts, an indoor running track, 2 racquetball courts, an indoor swimming pool, 2 group exercise rooms, weight equipment, and an extensive amount of cardio-vascular equipment which includes: treadmills, elliptical cross trainer machines, upright and recumbent bikes, rowing machines, AMT cross trainers, and much more. A variety of Group Exercise classes are offered each semester. Personal Training, swim lessons and Fitness Assessments are also available.

Intramural and Club Sports

A variety of intramural sports are offered each semester including, but not limited to: flag football, volleyball, soccer, basketball, table tennis and more. Club Sports are also offered and provide competitive, recreational and/or instructional aspects to participants. Clubs are open to all UNO students. All clubs are co-ed unless otherwise specified. A new club sport can be created based on student interest.

Summer Sports Day Camp

The Department of Recreation and Intramural Sports Summer Day Camp provides a variety of fun activities for children ages 5-11. The program is held during the months of June and July. For more information, please visit the RIS web site at <http://ris.uno.edu/> and click the summer camp link or call (504)280-6009.

Intercollegiate Athletics

University of New Orleans Intercollegiate Athletics is a member of NCAA Division I and the Southland Conference.

For the 2019-20 academic year, UNO will field teams in seven men's sports (baseball, basketball, cross country, golf, indoor track and field, outdoor track and field and tennis) and seven women's sports (basketball, cross country, indoor track and field, outdoor track and field, tennis, indoor volleyball and beach volleyball). The men's and women's basketball teams host home games at UNO Lakefront Arena. The baseball team plays home games at Maestri Field at First NBC Ballpark. The volleyball team plays home matches at the Human Performance Center. The men's and women's tennis teams play home matches at the UNO Tennis Center.

Contact the UNO Athletic Department at (504) 280-6102 for more information or visit <http://www.UNOPrivateers.com/>.

Students with a valid student identification card are admitted free to all home athletic events.

For up-to-date information on game times and locations, check the Privateers' official website at: <http://www.UNOPrivateers.com/>. The Athletic Department can be followed on Twitter at @UNOPrivateers, Instagram at @UNOPRIVATEERS or on Facebook/UNOPRIVATEERS.

Office of Student Accountability and Disability Services

Disability Services

The University of New Orleans is committed to providing an environment where all students have an equal opportunity to participate in the academic experience, including students with disabilities. Students with disabilities have rights as determined by federal and state laws.

The office can provide reasonable academic accommodations for students who have documented disabilities.

Academic accommodations include, but are not limited to, extended test taking time, course materials in alternate formats, sign language interpreters, recording devices for lectures, and the provision of some assistive listening devices.

This office can assist in the coordination of accommodations for campus tours and other events with advance notice.

The Director serves as the Section 504 Compliance Officer. Please direct questions to [UNO Disability Services](#) or by calling (504) 280-6222.

Student Accountability

A student's education is a process of honest inquiry. Success, by its very nature, depends on the integrity of the experience. The basic philosophy of the UNO Student Code of Conduct is one of education. The University encourages student growth and development of the individual. The University is committed to protecting student rights and the rights of others. If a member of the UNO community believes that a student has violated a policy or part of the UNO Student Code of Conduct, they are encouraged to report this in writing to The Office of Student Accountability. Policies and expectations for students are outlined in the UNO Student Handbook and other official publications.

For more information please refer to the following website [Student Accountability](#).

Office of International Students and Scholars

The Office of International Students and Scholars (OISS) provides support to approximately 600 international students, faculty, and staff from more than 75 countries. Specifically, OISS assists international students, faculty, and staff in maintaining their legal status under U.S. immigration law. In addition, the staff provides support on such matters as cross-cultural adjustment, personal and financial issues, and academic problems. Programs offered by OISS include new student orientation and educational workshops. OISS produces a regular newsletter, maintains an e-mail listserv, and co-sponsors cultural events such as International Night. Specific information about OISS programs is available at the following web address: <http://oiss.uno.edu>.

Service Learning

Service Learning is a teaching and learning approach that integrates community service projects with academic studies to enrich learning, teach civic responsibility, and strengthen the communities in which we live and work. The Office of Service Learning aims to create innovative solutions to challenges and achieve sustainable outcomes that benefit our partners as well as create a legacy of engagement with the communities we serve. UNO provides an academic environment that cultivates and graduates leaders ready to continue their service in communities within southeast Louisiana, throughout the United States and across the world.

We invite students from all backgrounds and all levels of experience to enroll in service learning courses where there are guaranteed opportunities to put to work the philosophies, skills and theories learned in the classroom.

For more information, please contact the Office of Service Learning at servicelearning@uno.edu or visit our office in Room 1006I in the Administration Building to speak with a program manager. Additional information is available on our [website](#).

Ochsner Health Center-UNO

Ochsner Health Center-UNO is committed to providing the highest quality health care to the UNO community. Health Services offers evaluation and treatment of illness and injury, as well as health promotion and illness prevention. Primary care is provided to students, by appointment. Various injections, immunizations, and advice on travel vaccines are available to students as well as comprehensive physical evaluation and diagnostic laboratory testing.

New or re-entering students are subject to a State legislated pre-matriculation immunization statute which requires students to provide UNO with their

immunization status regarding measles, mumps, rubella (MMR) and diphtheria, tetanus diphtheria (TD) or tetanus toxoid reduced diphtheria a cellular pertussis (Tdap). Additionally, two meningococcal immunizations are required. The meningococcal vaccinations should be separated by at least eight weeks. Student Health Services can provide immunizations for students who have been admitted but may not have paid fees or attended classes. There is a fee associated with these immunizations. Students are encouraged to visit the **Student Health Services website Health Services website** to learn more about immunization compliance and waiving of rights. Students who waive immunizations may be required to leave school if there is a disease outbreak on campus.

Ochsner Health Center-UNO is in the University Center room 238. Clinic hours Monday - Friday from 8:00 am until 4:30 pm. Please visit the website <http://www.uno.edu/student-health/> for more information.

Student Health Plan

The University negotiates a moderately priced blanket student health plan. Students not covered by another insurance policy are strongly encouraged to enroll in this plan as medical costs can be high and jeopardize a student's education. The plan includes savings realized by Ochsner Health Center-UNO acting as the primary care giver. Additional savings are provided through the use of a preferred provider organization. Dependents can also be covered on this policy.

The policy is an optional service offered to students. The University of New Orleans neither receives money from this service nor adjudicates claims on students' behalf. Policy information is available on our website, <http://www.uno.edu/student-health/>.

International Students are required to have health insurance. This policy meets the minimum requirements of the law and is cost effective. However, International Students may purchase other policies or bring one from their country that meets the minimum requirements.

Residential Life

University of Louisiana System policy requires all unmarried, full-time undergraduate students regardless of age or emancipation status, live in campus residence halls as long as space is available. All first year students are required to live on campus. Under certain circumstances, housing exemptions are granted. Click for more information regarding the [On Campus Housing Requirement](#).

Residential Life Facilities

Pontchartrain Halls

Pontchartrain Halls are the University of New Orleans newest housing accommodations, offering a convenient, safe and supportive home for Privateers. Residents will have their choice of a private room with bath, a two- bedroom unit with one bath or a four bedroom unit with two baths. Each bedroom is furnished with a bed, student desk, chair, chest of drawers and built in closet. In addition, two and four bedroom units have furnished common lounge areas perfect for study groups, gaming tournaments and more. High-speed wi-fi is included. Pontchartrain Halls feature card access, security cameras, a small convenience store, and an activity area with billiard tables and computers, which is open 24/7 for students. Social areas which to accommodate a variety of programs for residents, study areas, 2 residents' kitchens and free of charge laundry facilities are also included in Pontchartrain Halls. Students may also enjoy an outdoor furnished patio area.

Residence Hall rates include all utilities, furnishings, and internet. Residency in Pontchartrain Hall requires mandatory participation in the Pontchartrain Hall Campus Dining program. Residents of Pontchartrain Halls are encouraged to participate in events and programs held in their halls, including hall wide social events, meet and greets with faculty and staff and events designed to enhance students' learning and living experience.

Please note that admission to the University does not guarantee on-campus housing accommodation. Students must apply separately for housing and accommodations cannot be guaranteed until a student is officially accepted for admission to the University.

For more information, please contact the Office of Residential Life at (504) 280-6402 or e-mail studenthousing@uno.edu.

Lafitte Village

The mission of Lafitte Village is to provide housing to married students, single-parent students, and couples in domestic partnerships at an affordable cost. Staff and faculty members are allowed to live in the complex if space is available. This housing opportunity gives non-traditional students the ability to still pursue their education while also raising a family. Lafitte Village is conveniently located on the edge of UNO's campus, providing a calm and quiet atmosphere.

Recently renovated, it offers one and two bedroom units, which all include stainless steel refrigerators and stoves, utilities, internet and basic cable television. Wi-Fi is available throughout the complex. A laundry facility is located onsite, free of charge, for residents' use. The brand-new playground and courtyard are perfect places for children to play and provide a convenient study area.

Safety features of Lafitte Village include key access gates surrounding the community and surveillance cameras throughout the grounds and parking area.

Please note that admission to the University does not guarantee on-campus housing accommodations. Students must apply separately for housing and accommodations cannot be guaranteed until a student is officially accepted for admission to the University.

For more information, please contact the Office of Residential Life at (504) 280-6402 or e-mail studenthousing@uno.edu.

Privateer Place no changes

Privateer Place is an apartment-style community located on the campus of the University of New Orleans. Students are a short walk to classes and campus events. Privateer Place strives to create a "Place to Live, Learn, and Grow: Facilitating a fun, friendly, vibrant, and diverse community while supporting residents' academic success and encouraging personal growth and empowerment".

Privateer Place offers apartment style living with three floor plans, both private and semi-private: 2 bedroom/2bathroom (furnished), 4 bedroom/2bathroom (furnished) and efficiency style apartments (unfurnished). Students can select an academic (9 month) or full year (12 month) lease agreement. All apartments come with an "all inclusive" package which includes fully equipped kitchens, utilities (electricity, water, and internet), free parking and our unique Go Explore program (14 days at any of our other participating villages). Homer Hitt scholarships are accepted and Financial Aid Deferment is offered at Privateer Place!

Furnished units include a bed, student desk, desk chair, nightstand, and chest of drawers in each bedroom. Each common living area includes a couch, matching chair, coffee table, end table, and built-in dining table with chairs. On-site amenities include electronic key fobs, on-site laundry facilities, swimming pool/spa, sand volleyball court, basketball court, meeting room, barbecue picnic pavilion, clubhouse with Wi-Fi and 24/7 staff and maintenance on call.

Privateer Place is open during academic breaks, and residents are able to stay in apartments throughout the lease term. For leasing information please visit us at www.privateerplaceUNO.com or call our office at (504) 282-5670.

Living in Privateer Place also satisfies the UL System on Campus Residency requirement for first year students.

Student Media

Driftwood has offered a student's-eye view of the University of New Orleans (UNO) since 1959. Published weekly during the fall and spring semesters, Driftwood contains general news, features and other articles of interest to the university population. The newspaper is run and staffed entirely by UNO students. Staff members gain practical experience in interviewing techniques, layout and design, photography, AP style and writing on deadline. Paid positions and internships for college credit are available, or students may submit articles and photos on a freelance basis. For more information, contact: driftwoodeditor@uno.edu

The annually published literary magazine, Ellipsis, includes stories, poems, photographs and drawings by members of the UNO community and publishes award-winning work by UNO students.

The Office of Student Involvement and Leadership

The Office of Student Involvement and Leadership is committed to providing programs and opportunities through which students may become meaningfully involved in campus life. These programs and initiatives include leadership development, organizational involvement, campus wide entertainment, cultural and educational programs, volunteer service, and recognition. The Office of Student Involvement and Leadership strives to create opportunities so that students can achieve academically and socially in ways that will facilitate their transition into the world as responsible citizens. Areas falling under the purview of The Office of Student Involvement and Leadership include leadership development and advisement of student organizations, Student Government Association, Student Activities Council, the Leadership Cabinet, Greek Life, and the Service Coalition. For more information, please refer to www.sil.uno.edu.

Fraternity and Sorority Life Greek Life

The Office of Student Involvement and Leadership (SIL) provides advisory support and guidance to the university's ten fraternities and sororities. The department offers various programs and services, including active oversight of chapter events, planning and implementation of leadership retreats and workshops, monitoring of academic performance of fraternity and sorority members, and recognition of the positive achievements of the organizations. In partnership with faculty, staff, alumni, and inter/national fraternal organizations, the office challenges and educates students in the areas of leadership, cultural awareness, personal and group development, scholarship, and civic responsibility. More information is available at www.greeklife.uno.edu.

Leadership Cabinet

The UNO Leadership Cabinet has served the University of New Orleans for over 30 years and has provided leadership opportunities for all students on campus regardless of their leadership experience. Members of the Leadership Cabinet plan and execute UNO leadership programs, including retreats, conferences, and the annual student leadership award ceremony.

Volunteer Center

The Volunteer Center is an opportunity for students to collaborate with non-profits and community service providers to improve long-term environmental and social problems in the New Orleans area. The Volunteer Center plans monthly service days and coordinates alternative break programs. The Volunteer Center tracks students service hours and reports them to the University.

Student Activities Council

The Student Activities Council (SAC) is the university's official student programming board. The purpose of SAC is to provide educational, cultural, social, and entertaining activities for the UNO community. The Council is responsible for the planning and implementation of major activities on campus such as the Welcome Back Block Party, Cultural Conversation Hours, the Drive-in Movie, Homecoming Week Festivities, the end of the year crawfish boil, and much more. With student input, SAC offers new, fresh events every year.

Student Government Association

All regularly enrolled students are members of Student Government Association (SGA), which provides an opportunity for each student to participate in the general community affairs of the University. Student Government Association members assume the responsibilities of self-government consistent with the responsibilities and policies of the University administration. In addition, the Student Government Association maintains a variety of services such as forums for students to express ideas and concerns with administration. SGA also funds other activities and services on campus such as student organization programs, legal services, and limited academic travel funds for undergraduate and graduate students. <http://sga.uno.edu>.

Student Organizations

Student organizations are a vital part of undergraduate and graduate experiences at the University of New Orleans. With over 150 registered student organizations at UNO, students are able to take advantage of the many opportunities outside the classroom. As a member of a UNO organization, students develop leadership and interpersonal skills, build friendships, and serve the campus community. Types of groups include: professional, honors, political, religious, service, social, Greek, special interest, and departmental. (www.sil.uno.edu). The list of all recognized student organizations can be found at: SIL Student Organizations.

UNO Career Services

UNO Career Services provides a range of career development services for current UNO students and alumni to explore career options, plan and prepare for the job search, and pursue their career goals. Services include résumé review, cover letters, job search, mock interviews, career preparation workshops, career assessments, self-assessment of work values/ethics, business etiquette/communication, career advising, majors and career pathways, networking and recruitment events, career fairs, and the coordination of internships and experiential educational opportunities. Career Services also manages the Career Compass job database, which lists updated part-time and full-time job postings, as well as internships/co-ops and volunteer opportunities. Once registered in the database, students receive notifications regarding jobs and internships, career fairs, career workshops and other career related events and activities. For additional information, please visit www.career.uno.edu and/or follow us on social media: **Twitter@UNOCareer** or Facebook, Instagram or LinkedIn at: UNO Career Services.

Veterans' Service Center

The Veterans' Service Center provides information on educational benefits for veterans, dependents and military students attending UNO. Students eligible for educational benefits are urged to establish contact with this office when they arrive on campus. For further information call (504)280-6992, email veteransservices@uno.edu, or visit the office at 105 Earl K Long Library, Privateer Enrollment Center.

The Campus

- Academic Programs, Services, Conference Center and Instructional Units
- Student Success
- Office of Information Technology

Academic Programs, Services, Conference Center and

Instructional Units

Reserve Officers Training Corps (ROTC) Programs

The Reserve Officers Training Corps (ROTC) programs are an important means for the education of military officers and are offered as an option to all interested UNO students. Through these ROTC programs, the student may earn appointment as a commissioned officer while earning his or her degree. Hours of ROTC credit may be counted toward graduation in accordance with policies and programs of the individual academic departments of UNO.

Air Force ROTC

AFROTC is a nationwide program that allows students to pursue commissions (become officers) in the United States Air Force (USAF) while simultaneously attending college. AFROTC classes are held on college campuses throughout the United States and Puerto Rico; students can register through normal course registration processes.

AFROTC consists of four years of Aerospace Studies classes (Foundations of the USAF, Evolution of USAF and Space Power, Air Force Leadership Studies, and National Security Affairs/Preparation for Active Duty), and a corresponding Leadership Laboratory for each year. Students apply leadership skills, demonstrate command and effective communication, develop physical fitness and practice military customs and courtesies.

College students enrolled in the AFROTC program (known as "cadets") who successfully complete both AFROTC training and college degree requirements will graduate and simultaneously commission as Second Lieutenants in the Active Duty Air Force. If a student enrolls in the program as a sophomore, the program can be completed in 3 years.

The AFROTC program is currently offered at Tulane University, but there is a crosstown agreement that allows UNO students to enroll in AFROTC and become full-fledged cadet participants. For more information on AFROTC course descriptions, please review **ROTC programs** or **Tulane University Air Force ROTC**, for more information on the AFROTC program.

The Air Force offers excellent scholarship opportunities in a wide variety of academic majors. For additional information or to check scholarship eligibility, contact AFROTC Detachment 320, Tulane University, at (504) 865-5394, afrotc@tulane.edu, or visit www.afrotc.com.

Army ROTC

The Reserve Officer Training Corps produces 75 percent of all Army officers. Founded in 1916, ROTC has produced more than one-half million lieutenants for America's Army. It remains the broadest avenue for men and women seeking to serve as officers in the Army. The Army officer is a prestigious professional who serves as a leader in the most respected institution in America.

You may enroll in Army ROTC as a college elective for up to two years with no obligation. ROTC gives you a wide range of experiences while you work toward a degree. You'll combine your time in the classroom with hands-on experience. If you choose not to make the Army your career, you will have acquired job skills that are sure to give you a definite advantage over your peers when the time comes to seek civilian employment. Whether you're planning a career in the Army or the corporate world, Army ROTC is a smart elective course to take. As part of Army ROTC, you'll be in the company of a diverse group of individuals with broad interests who excelled in their chosen areas of interest. They may have been presidents of their student governments, captains of their varsity sports teams, club presidents, or members of the National Honor Society.

Your studies will include: Leadership Development, Military Skills, and Adventure Training. Army ROTC courses teach you how to succeed in a competitive world both in college and beyond. Monetary benefits of Army ROTC include for scholarship winners are: 100% paid tuition and fees, \$1200 annually for books, and a tax free monthly stipend of \$425. Cadets may also elect to study a foreign language. A Cadet with a single three-credit hour course per semester of a Level-III difficulty language would earn \$1,200.00 per year.

Many prominent Americans got their start through Army ROTC. The program has produced two U.S. Secretaries of State, innumerable business and civic leaders and a female astronaut. Among the more famous graduates of the program are Colin Powell, Sam Walton, Earl Graves, Lenny Wilkins and James Earl Jones. Contact Army ROTC at Tulane University, Army ROTC, 200 Broadway, Suite 132, New Orleans, LA 70118, 504- 865-5594.

Navy ROTC

The University of New Orleans offers the Naval Reserve Officers Training Corps (NROTC) through a cross-enrollment agreement with the NROTC Unit at Tulane University. The NROTC program offers students the opportunity to earn a commission in the Navy or Marine Corps through four-year, three-year, and two-year scholarships, and through the College Program.

NROTC scholarship students are selected annually on a nationwide competitive basis. They receive four-year scholarships that cover full tuition, university fees, uniforms, textbooks, and a monthly subsistence stipend. Scholarship students participate in paid summer training periods and receive commissions in the Navy or Marine Corps as Ensigns or Second Lieutenants upon graduation. New Ensigns have a minimum obligation of five years on active duty after commissioning, whereas new Second Lieutenants must serve four years.

For those individuals who were not selected for a scholarship during their senior year of high school, the NROTC College Program offers another path to pursuing a commission. Students are encouraged to apply for College Program prior to entering college, or at any time during their freshman or sophomore years; students should apply directly with the Tulane NROTC unit, and qualified applicants will be selected by the Professor of Naval Science prior to each fall and spring semester. College Program students compete for three-year and two-year NROTC scholarships, and they will undergo at least one paid summer training period. College Program students are furnished uniforms, Naval Science textbooks, and a subsistence stipend of \$350-\$400 per month during their junior and senior years. These students also receive commissions in the Navy or Marine Corps upon graduation.

Requests for additional information should be directed to the Tulane NROTC unit at (504) 247-1607 or navy@tulane.edu .

Cooperative Education

Cooperative education integrates students' academic study at the bachelor's, master's, and doctoral level with paid, career related work experiences. Cooperative Education bridges the gap between the classroom experience and the business world at large. The term "cooperative education" (co-op) reflects the relationship between the educational institution and the employer, both of which provide students with a complete and meaningful education. It should not be confused with other work experiences such as internships, externships, or practicums. Co-op is unique because it is a structured program, has specific work schedules, and must include paid work experience related to the student's major field of study.

A student is matched based on career goals and employer needs. Employers are encouraged to interview potential candidates and make decisions based on students' goals and the type of work experience provided. Co-op placement is not guaranteed; therefore, students are encouraged to interview with many different employers before accepting an offer.

Students will work one of two co-op schedules: parallel or alternating. On the parallel schedule a student works between 15 and 30 hours per week, and attends school full time. On the alternating schedule a student alternates semesters (including summers) of full-time study with semesters of full-time work. Work eligibility is based on employer evaluation and co-op coordinator decisions. The College overseeing the experience reserves the right to remove a student from the program at any time.

Once students are selected to work with a participating co-op employer, they are required to register for the appropriate co-op class. This class may or may not carry university credit, as the college will make this determination. The addition of this class to a student's transcript is an immediate indicator to potential employers that the applicant has performed relevant work in his or her chosen field of study. For more information, contact Career Services at 504-280-6225, or visit <http://www.career.uno.edu/>.

The University of New Orleans Center for the Book

The mission of The University of New Orleans Press is to amplify the intellectual culture and influence of the University, supporting the goals of UNO as both a research institution and an urban university by publishing and disseminating scholarship and works of literature. The University of New Orleans Press is supported by the University of New Orleans Foundation. For more information, contact unopress@uno.edu or visit <http://unopress.org>.

National Student Exchange

The University is a member of National Student Exchange (NSE) which provides opportunities for students to study for up to one calendar year at another NSE member college or university with non-resident fees waived. With nearly 170 universities from which to choose, students should be able to find a campus with just the right combination of courses, facilities, and environment to meet personal and academic needs and interests. NSE extends beyond the borders of the United States to include U.S. territories as well as Canadian provinces. Students must be at least sophomore level (30 credit hours) with a minimum 2.5 GPA at the time of the exchange. Students meet with their UNO advisors prior to the exchange to assure that all credit completed while on exchange will transfer toward their UNO degree program. Information and applications for the exchange are available in Room 124 of the Bicentennial Education Center. Additional information concerning the NSE Program and all partner universities may be obtained at <http://www.nse.org>.

The Office of International Students and Scholars

The University of New Orleans currently hosts around 500 international students, faculty, and staff from about 75 countries. The Office of International Students and Scholars provides comprehensive immigration advising, programming, and support services to all international students, staff and faculty. OISS also assists academic departments with hosting international visitors and hiring temporary or permanent international employees. Programs include new international student orientation, educational workshops, and co-sponsorship of International Night. Additional information may be obtained by visiting <http://oiss.uno.edu> or contacting oiss@uno.edu or 504-280-6021.

Division of International Education

The mission of the Division of International Education is to assist the University in its continuing efforts to enlarge its global presence, and to contribute to global understanding by developing and supporting opportunities worldwide for students, faculty, staff, and the general public. The Division is located in the

International Center at UNO (<http://new.uno.edu/international-center/>) and promotes summer study abroad, manages international student exchange, and provides language instruction to ease the entry of international students into the University. The Division is the home to the Office of International Study Programs, International Student Exchange Programs, and the Intensive English Language Program. Additional information can be obtained by contacting isp@uno.edu or 504-280-7116.

The Office of International Study Programs

This office currently offers six summer Programs of Study in five different countries. The International Summer School in Innsbruck, Austria is UNO's flagship program. In operation since 1976, this program annually enrolls over 250 students from colleges and universities throughout the United States along with 50 guest students from the University of Innsbruck. Offering almost 50 courses, all taught in English in a multitude of disciplines, this program is one of the largest American summer schools abroad and enjoys a reputation as one of the finest in Europe. In addition to Innsbruck, opportunities are offered in France, Italy, Japan and Ireland. In addition to UNO students, summer programs regularly enroll guest students and adults. Each program has a distinct personality. Program durations range from four to six weeks and accommodations range from dormitories or hotels to a castle in northern Italy. For example, the program in Ireland offers courses with a heavy emphasis on the creative arts, while the program in Japan pairs students with local peers who are eager to share their culture and lifestyle.

The office also administers the Academic Year Abroad Program (AYA) at the University of Innsbruck, offered each fall and spring. Students benefit from intensive study in the German language and courses in Central European history, economics, and politics in a spectacular Alpine setting. AYA students are served by a resident academic director and take part in numerous activities and field trips throughout their course of study. Additional information may be obtained at <http://new.uno.edu/international-center> or by contacting isp@uno.edu or 504-280-7116.

International Student Exchange Programs

The International Student Exchange Programs (ISEP) administers bilateral student exchange agreements with universities in Australia, Austria, Brazil, the Czech Republic, England, France, Germany, Japan, the Netherlands, Spain and Turkey. Each year, a number of UNO students take part in exchanges on a semester or yearly basis. Additional information may be obtained at <http://new.uno.edu/studyabroad/exchanges> or by contacting isep@uno.edu or 504-280-6388.

The Intensive English Language Program

Founded in 1995, the Intensive English Language Program (IELP) is a full-time, non-credit, pre-academic program which fosters cross-cultural exchange by providing English as a Second Language (ESL) instruction to both international and U.S. resident, non-English speaking students in preparation for study at UNO and other U.S. universities and colleges in the United States. IELP offers five 8-week sessions year-round with 20 hours of classroom instruction each week. Admission into the IELP does not guarantee admission to UNO; however, the IELP is designed to provide a transition into the regular university curriculum upon successful exit from this program of intensive study. The IELP issues an I-20 visa document to eligible nationals who are admitted. Tuition and fees include classroom instruction, orientation, special events and field trips, and access to most campus facilities. Additional information may be obtained by visiting new.uno.edu/ielp or by contacting ielp@uno.edu or 504-280-5530.

Academic Common Market

The University of New Orleans is a participant in the Academic Common Market. A current list of applicable programs listed in the Academic Common Market Inventory can be found at <http://www.sreb.org>. Additional information may be obtained by visiting http://www.sreb.org/page/1304/academic_common_market.html.

University Library

The Earl K. Long Library, situated in the heart of the campus, provides a wide array of resources and services to support the learning and research needs of the campus community. The four story building contains research collections, group and individual study spaces, electronic classrooms, and computer facilities. Over 100 computers are available in the 1st Floor Learning Commons, along with research and technical assistance. Additional computer workstations are available on the 2nd and 3rd floors. The Library's 3rd floor Innovation Lab provides students the opportunity to create digital media projects using high-end computers, motion capture technology and 3D printing. Students may borrow a laptop from the Circulation Desk or bring their own to access the Library's wireless network. The newly renovated 4th floor contains the Louisiana and Special Collections Reading Room, an exhibits gallery, a digital animation studio, an information literacy classroom, technology-rich scholarly study spaces, and the Center for Teaching Innovation. The Library provides a variety of learning environments, including collaborative, quiet, and silent study spaces for the UNO community and an electronic classroom designed to encourage active learning. The first floor also houses a coffee shop and the Privateer Enrollment Center (PEC), which addresses enrollment and student service needs in one place. The Women's Center and the Honors Program are also housed in the Library.

The Library's extensive collections and research tools provide in-depth support for faculty and student research in the Library or from any computer 24/7. The Library is a member of LOUIS, the Louisiana Library Network consortium, a 46-member consortium which hosts its integrated library system and provides access to the holdings of 34 academic libraries around the state. The Library maintains thousands of current print and electronic subscriptions, more than

200,000 electronic books, and a rich array of research databases in all disciplines, with state-of-the-art discovery tools that provide intuitive access to resources both in and outside the library. The Library also a member of the Louisiana Digital Consortium and contributes digital collections of library owned materials to the Louisiana Digital Library. The Library also and showcases faculty and student research in its institutional repository <https://scholarworks.uno.edu>.

The Library is a selective U.S. Federal Documents and a complete Louisiana State Depository. It receives approximately 86% of federal government publications, most of which can be checked out by UNO students and faculty. The Louisiana and Special Collections Department contains specialized materials related to Louisiana and New Orleans, as well as original archive and manuscript collections, rare books, the UNO Authors Collection, and original copies of all University's theses and dissertation on Louisiana topics. The Multimedia Collection provides material in non-print formats such as microfilm and microfiche, VHS, DVDS, videos, DVDs, compact disks, audiocassettes, and even vinyl recordings. The UNO Student Government funds a leisure reading collection which is available for student check-out.

When the Library does not own materials needed by students and faculty, they can be obtained from libraries around the state or around the world through the Interlibrary Loan Service. The collection is also enhanced through reciprocal borrowing, whereby graduate students and faculty can apply for a LALINC card to borrow materials directly from other academic libraries in Louisiana.

Reference and research assistance is available in person, by phone, and through the Library's website via email, chat, and other social media applications. Subject-specific research help is available through the Library's LibGuides interface at <http://libguides.uno.edu>. Students are encouraged to make appointments with librarians for in-depth personal research consultations. Faculty can request library instruction sessions tailored to their course content to improve students' information literacy competencies and disciplinary research skills. Librarians are also available to consult with students and faculty about copyright, open access, and other scholarly communication issues.

The Library's website, at <http://library.uno.edu>, provides further information and links to library resources and services and is accessible 24 hours per day. The Library may be reached by telephone at 504-280-6355.

Training Resources and Assistive-Technology Center

The University of New Orleans Training, Resource and Assistive-technology Center (TRAC) provides quality services to persons with disabilities, rehabilitation professionals, educators and employers. UNO TRAC has built a solid reputation for its innovative training programs and community outreach efforts. The Center is recognized as a valuable resource statewide, nationally and internationally on disability issues. The TRAC building is a training, evaluation, conference, administrative and short-term residential facility. Please call 504-280-5700 for more information or information or visit: www.uno.edu/trac.

Office of Research

The University of New Orleans Office of Research fosters faculty, staff, and student innovation across disciplines, helping investigators find funding, apply for opportunities, manage awards, and learn best practices at every stage. We safeguard the integrity of the research conducted in our community, protect the intellectual property of our investigators, and promote UNO's creative, scholarly, and research achievements.

The mission of the UNO Office of Research is to 1) support and grow the research, scholarly, and creative enterprises of the University community, 2) foster innovation-the process of creating new ideas and bringing them to fruition-and 3) promote sustainable economic growth and advancements in quality of life through research, scholarly, and creative output.

We are responsible for: cultivating a creative and entrepreneurial spirit that values high achievement in the UNO community; positioning researchers advantageously through informed advocacy, efficient administration, and adaptive service; equipping faculty, staff, and students to identify, obtain, and utilize grants; investing in promising research, scholarship, and innovation; increasing public awareness of the University and the value of its body of work; fostering local, regional, national, and global relationships with current, former, and potential sponsors; furthering collaborative, interdisciplinary research across departments and schools; developing systems and implementing policies that encourage and ensure integrity; managing and administering grants, contracts, and sponsored programs; and communicating transparently about our services, policies, and procedures.

In order to serve as a resource for UNO faculty, staff, and students, the Office of Research:

- Identifies funding opportunities
- Assists in preparing proposals for submission
- Safeguards the integrity of conducted research
- Provides internal funding opportunities
- Promotes and recognizes achievements
- Discovers and protects intellectual property
- Offers guidance, assistance, and oversight once funds have been awarded
- Trains prospective researchers on the grant writing, submission, and management processes

Please call (504) 280-6836 or email researchoffice@uno.edu for more information.

Student Success

The University of New Orleans offers a number of programs that promote and support student success from the first year through graduation.

First Year Advising (FYA)

Advising is an integral part of a successful college education. All students (first-time freshmen and transfer students) with fewer than 30 credit hours towards their degree are assigned to a First Year Advisors in their academic major. First Year Advisors assist you in identifying and attaining your academic goals, by helping you find the resources you need to develop and self-manage your educational plans. The collaborative relationship between you and your advisor is a key element in a successful transition to the University of New Orleans. Students transition to departmental/college advisors once they have earned 30 credit-hours towards their degree. To find your First Year Advisor, please visit: <http://www.uno.edu/first-year-advising/advisors.aspx>

Departmental Advising (FYA)

Students move to departmental advisors once they have earned 30 credit hours towards their degree. Centrally located in each college, the departmental advisors work with students to ensure that they are making timely progress towards their degree. Each student is assigned a departmental advisor, and you are encouraged to work with faculty mentors around the selection of appropriate courses within the major. The collaborative relationship between you and your advisor is a key element to successfully completing the curriculum in your major and graduating on time.

First Year Experience (FYE)

The first year of college is exciting, stressful, and fun; however, the first year is often the most challenging. Our First Year Experience (FYE) professionals promote the success of first year students through a broad network of support services addressing their academic, personal, and social needs. In addition, they provide outreach and necessary interventions to students who are experiencing academic and social difficulties. To explore our services and programs, please visit: <http://www.uno.edu/fye> or contact fye@uno.edu.

Learning Resource Center (LRC)

The Learning Resource Center provides academic support to students through tutoring, academic coaching, workshops, and other services. The LRC is committed to the belief that students' success and academic experience are enhanced when they are empowered to cultivate the skills, strategies, and behaviors of confident, independent lifelong learners. Our mission is to provide UNO's diverse student population with the tools needed for academic success. Whatever your academic goals are, the LRC is here to help. To explore our services and programs, please visit: <http://www.uno.edu/lrc/>

New Student Orientation (NSO)

New Student Orientation is an informative campus program for all new freshmen, transfer, and adult students. The program, sponsored by the Office of Enrollment Services, is designed to help ease new students' adjustment to the University of New Orleans. The program addresses new student concerns and questions and provides a comfortable and satisfying transition to university life. The program allows new students to register for classes. The freshman program now includes an overnight component, allowing incoming students the opportunity to experience on campus living. For more information, please visit <http://www.uno.edu/nso>, or contact nso@uno.edu or 504-280-5458.

Privateer Enrollment Center (PEC)

The Privateer Enrollment Center was opened in July 2013 and is located in the heart of the campus in the Earl K. Long Library. The Center offers knowledgeable staff who welcome and assist students in all areas of enrollment services including Admissions (Graduate and Undergraduate), Financial Aid, New Student Orientation, First Year Experience, First Year Advising, Registrar's Office and Veterans Affairs. The PEC is designed to expedite the enrollment process as well as facilitate a successful first year for all students. For example, students will receive their first introduction to UNO in the state of the art Privateer Pride Room for a campus tour, submit documents for admission, receive federal financial aid counseling or student success coaching, meet enthusiastic and welcoming orientation leaders, learn what courses to select or about ways to get involved on campus, inquire about veterans benefits, or obtain their photo identification. The PEC is the place to visit for students to be connected to resources related to their academic, personal, and professional goals. It is also the location of Centralized Enrollment Services each semester. Additional services during those times will include representatives from the Office of the Bursar, UNO Federal Credit Union, Campus Dining, Student Health Services, University Police for parking passes, and the University Computing Center's Help Desk.

After first contact with students, they are connected to services by Alpha Teams. For example, if a student's last name begins with B, then this student has a specific member of the UNO staff from each department devoted to them from the A-D team. Each team consists of an admissions counselor, a financial aid counselor, a financial aid validator, a reception services assistant, an academic advisor and a student success counselor for first year students. For more information, please visit www.uno.edu/pec, or contact pec@uno.edu or call 504-280-6595.

Project Access: Educational Talent Search Program (ACCESS)

ACCESS is federally funded through the U.S. Department of Education. ACCESS provides specific services and activities to participants from the target areas of Jefferson and Orleans Parishes. The program's mission is to serve young people with disabilities, ages 11 to 27. This early intervention program helps individuals from low income and potential first generation student's families to better understand their educational opportunities and options. ACCESS identifies qualified youth with potential for education at the postsecondary level; encourages them to complete secondary school; assists eligible participants to enter a program of postsecondary education; and encourages persons who have not completed education programs at the secondary and postsecondary level to re-enter these programs. In addition to counseling, participants receive information about disability accommodations, college admissions requirements, scholarships, and various student financial aid programs. For more information, please contact the UNO Associate Director for Project ACCESS at ddukes@uno.edu or 504-280-7425.

Upward Bound: Project PASS (PASS)

PASS is federally funded through the U.S. Department of Education. PASS provides specific services and activities to participants (including students with disabilities) from Eleanor McMain High School, McDonough # 35 High School, Cohen College Prep and the target area of Orleans Parish. The program's mission is to help students, in grades 9 through 12, who are on a diploma track to complete high school, to enter a postsecondary education program potential first generation student's families to better understand their educational opportunities and options. Participants receive instruction through a variety of modalities including collaborative learning and computer assisted instruction (with state of the art laptops and iPads). Instruction is provided in language arts, literature, composition, mathematics, and sciences. Guidance and counseling on the University of New Orleans campus on Saturdays and during the summer component. Instruction is offered on alternate Saturdays with weekly tutoring in all subjects at McMain and McDonough #35. During the summer, the same subjects are taught with the addition of foreign language through a thematic approach. Summer program students participate in weekly field trips where they visit college campuses and/or participate in community service activities which earn them volunteer hours which can be used to complete high school requirements. Students who are in the program and have graduated from high school are included in the summer component as well. In addition to motivation, vocation, social, and personal counseling services, participants receive information about college admissions requirements, scholarships and various student financial aid programs and disability accommodations if needed. For more information, please contact the UNO Associate Director for Projects Jefferson and PASS at lmolnar@uno.edu or 504-280-1262.

Upward Bound: Project Jefferson Parish

Jefferson is federally funded through the U.S. Department of Education. Jefferson provides specific services and activities to participants (including students with disabilities) from East Jefferson High School, Riverdale High School, and the target area of Jefferson Parish. The program's mission is to help students, in grades 9 through 12, who are on a diploma track to complete high school, to enter a postsecondary education program and to graduate from college. This college preparatory program helps individuals from low income and potential first generation student's families to better understand their educational opportunities and options. Participants receive instruction through a variety of modalities including collaborative learning, and computer assisted instruction (with state of the art laptops and iPads). Instruction is provided in language arts, literature, composition, mathematics, and sciences. Guidance and counseling is also provided on the University of New Orleans campus on Saturdays and during the summer component. Instruction is offered on alternate Saturdays with weekly tutoring in all subjects at East Jefferson and Riverdale High School. During the summer, the same subjects are taught with the addition of foreign language through a thematic approach. Summer program students participate in weekly field trips where they visit college campuses, and/or participate in community service activities which earn them volunteer hours which can be used to complete high school requirements. Students who are in the program and have graduated from high school are included in the summer component as well. In addition to motivation, vocation, social, and personal counseling services, participants receive information about college admissions requirements, scholarships, and various student financial aid programs and disability accommodations if needed. For more information, please contact the UNO Associate Director for Projects Jefferson and PASS at lmolnar@uno.edu or 504-280-1262.

Student Support Services (SSS)

Student Support Services (SSS) is a federally funded grant program designed to provide personal, academic and career guidance to a limited number of eligible undergraduate students enrolled at the University of New Orleans.

SSS provides opportunities for academic development, assists students with basic college requirements and motivates students toward the successful completion of their first undergraduate degrees. The overall goal of SSS is to increase the college retention and graduation rates of its participants. An eligible participant must be first generation, meet federal income guidelines and/or have a documented disability.

SSS services include: academic tutoring; advice and assistance in course selection; assistance with information on student financial aid programs, scholarships, assistance in completing financial aid applications and activities designed to improve financial literacy; assist students in applying for admission to graduate and professional programs; and exposure to cultural events and academic programs not usually available to our targeted population.

Student Support Services also provides supplemental grant aid to current SSS participants who are receiving Federal Pell Grants and meet other program requirements. For more information contact: Student Support Services, Bicentennial Education Center, Room 147, (504) 280-5457, or at sss@uno.edu, or <http://sss.uno.edu>.

UNO Classic Upward Bound Program

The Classic Upward Bound Program is a federally funded TRiO Program under the auspices of the U. S. Department of Education. The program serves high school students from low-income families and/or families in which neither parent holds a bachelor's degree. During the academic and summer components the

Upward Bound students participate in a program of study that includes academic classes, tutoring, financial aid resources, financial literacy, counseling, college tours, and cultural enrichment activities.

Students who complete at least one year in the program before graduation from high school also benefit from participation in the Upward Bound Summer Bridge Program, which permits eligible students to enroll in the University of New Orleans immediately following graduation from high school. The University of New Orleans enrollment fees for the students enrolled in the Upward Bound Summer Bridge Program will permit the high school graduates to take up to two University of New Orleans college courses funded by the Classic Upward Bound Program. For more information, please contact the UNO Classic Upward Bound Director, at ldbates1@uno.edu or (504) 280-7050.

University Success (UNIV)

UNIV 1001 is a one credit, letter-graded course required for all first time full time freshman. Students meet in groups led by an experienced staff member and a peer mentor (an experienced student) for an in-depth review of skills and issues relevant to academic and personal success at the University. Topics include time management, effective note-taking and test preparation, campus diversity, and university resources. Enrollment is restricted to students with less than 30 hours of credit only. Enrollment is optional for transfer students within their 30 hours of credit at UNO. For more information about, please visit <http://www.uno.edu/univ>.

Academic Success (UNIV1003)

UNIV 1003 is a one credit, letter-graded course for students to learn the strategies needed to be successful in college. Through an interactive seminar incorporating activities, application and reflections, students will approach topics related to academic success and the challenges that might impede the path to graduation. Skills covered include memory, self-management, study behaviors, test taking strategies and critical thinking. Seniors are ineligible to enroll in this course. For more information, visit <http://www.uno.edu/univ>.

College Life Coaching

Our First Year Experience staff are dedicated to helping students get the most out of their college experience. First year students (those under 30 credit hours) who sign up for this program receive one-on-one attention at least twice per month from a staff member committed to student development and success. We work with students in many areas, including but not limited to, improving effectiveness in and out of the classroom, connecting to the campus community, creating balance and managing stress as well as boosting confidence and developing goals for the future. Sign up at www.uno.edu/fye/successcoaching.aspx prior to the start of each semester.

Academic Early Alerts

Our faculty and staff are dedicated to student success. The Academic Early Alert program connects students of all levels with a professional staff member concerned about the student's academic progress in a particular course. When responding to alerts around a student's difficulty with assignments, attendance, or class participation, our team reaches out to the student, and provides appropriate resources, guidance, and referrals. Providing assistance early in the semester is very important to students' success in their collegiate career.

UNO Writing Center

The Writing Center offers free help to students who want to improve their writing. Students who come to the Writing Center work with writing coaches in one-on-one sessions on any kind of writing problem, such as brainstorming, researching, organizing, and developing ideas for their papers. In addition, students may submit drafts of their papers for feedback. While the Writing Center does not proofread or edit papers for students, the writing coaches show writers how to become better editors of their papers with regard to grammar and stylistic problems. The Writing Center welcomes papers written in all disciplines. Its webpage provides handouts for grammar and writing problems, as well as other resources. For more information, please visit the Center's website at <http://www.uno.edu/lrc/writingcenter> or call (504) 280-7054

Office of Information Technology

UNO's **Information Technology (IT)** department is a comprehensive service organization that operates a complex array of multi-vendor computing servers connected to thousands of workstations over a high speed local and metropolitan area network providing key enterprise services to UNO students, faculty, and staff. IT provides support for Academic Computing, Administrative Computing, Servers and Networks, User Training and Support, and Telephony through the following divisions:

Administrative Computing Services (ACS)

Provides high quality support for core, shared administrative IT applications systems including support for Accounting Services, Admissions, Financial Aid, Human Resources, Payroll, Purchasing, Records, Registration, and other essential University administrative functions.

Enterprise Servers (ES) and Enterprise Networks (EN)

Provides high quality support for core shared servers, networks, and communication systems including the University's critical academic and administrative IT systems: Exchange, File Server, Moodle, PeopleSoft Financials and PeopleSoft Campus Solutions, SharePoint, Wired/Wireless Network, Telephony, and Web.

User Training and Support (UTS)

Provides the University community with high quality computing services, training, and support for user systems including academic computing and administrative end-user applications and services.

Information Media and Technology (IMT)

Supports UNO's needs for presentation media equipment by maintaining, scheduling, and circulating equipment throughout campus. IMT services and equipment include speaker systems, microphones, video monitors and projectors as well as on-campus traditional A/V support for student organizations, faculty and staff. Some portable multimedia equipment is also available for delivery to classrooms as well as offices.

The following is a brief description of the University's major computing services and systems managed by IT through the aforementioned divisions.

Accounts. Every faculty and staff member receives accounts for the following computing systems: Email, Local Area Network (LAN), Moodle (UNO's Learning Management System), SharePoint, and WebSTAR. All accounts share the same user id and password.

Campus Network. UNOnet provides wired, wireless, and remote network access to the main campus as well East campuses. The network consists of a 10 Gigabit Ethernet core interconnecting all buildings on the main campus via a fiber-optic gigabit backbone. Approximately 5000 individual network connections are serviced on the main campus at data rates of 100 or 1000 Mb/sec. Wireless connectivity is available throughout all major areas on campus.

Faculty Staff Resource Center - FSRC. The IT department maintains a resource center dedicated to meeting the technology needs of the UNO Faculty and Staff. The FSRC contains 15 PC computers with cd/dvd burners, a projector and printer services.

Helpdesk and Desktop Support. UNO IT department operates Help Desk and Desktop Support units that provide hardware and software services for the UNO community. These units provide the University with a helpful, single point of service for peripherals, desktop software and hardware, and support for UNO's main computing systems. Services can be requested by telephone at (504) 280-HELP (280-4357), via e-mail at helpdesk@uno.edu, or in person in Room 101R of the Computer Center building.

Keys and IDs. ID cards and keys are issued in the Computer Center building during normal business hours. IDs can be used for card access to selected buildings, dormitory rooms, Library borrowing privileges, and food services.

Mathematical Computing. To assist researchers and students, UNO licenses MATLAB and Mathematica. MATLAB integrates mathematical computing, visualization, and a powerful language to provide a flexible environment for technical computing. Mathematica is the tool of choice for scientific research, in engineering analysis and modeling, from simple calculator operations to large-scale programming and interactive document preparation. MATLAB and Mathematica are installed in the FSRC in addition to all Student Open Labs managed by the IT department.

Messaging and Email. Exchange is an email client/server system that offers advanced calendaring and email features, and collaboration tools. Email can be accessed locally through a client-mail program or anywhere through the Web.

PeopleSoft. UNO's Web-based Enterprise Resource Planning system provides access to financial, and student administration information. PeopleSoft financial accounts are issued to authorized faculty and staff.

Research Computing. The University is a member of the Louisiana Optical Network Initiative (LONI) and an Affiliate Member of UCAID (Internet 2). LONI is a state-of-the-art, fiber optics network that runs throughout Louisiana, and connects Louisiana and Mississippi research universities to one another as well as to the National LambdaRail and Internet2. Through LONI, researchers have access to one of the most powerful supercomputing resources available to any academic community with over 85 teraflops of computational capacity from systems based at Louisiana universities. In addition, LONI provides access to the TeraGrid community, the world's largest, most comprehensive distributed cyber infrastructure for open scientific research. Through our association with LONI, UNOnet currently has access to the following Internet services: Commodity Internet (I1) at 90 Mb/sec, Internet2 (I2) at 1 Gigabit/sec, and National Lambda Rail at 10 Gigabit/sec (for Supercomputer clustering and Grid based computing support).

Student Computing Labs. The Technology Fee provides UNO students with two types of computing facilities: Open Tech Fee Labs and Departmental Labs. Open labs are general use facilities available to any enrolled UNO student on a walk-in first-come, first-served basis. Student Lab Assistants are on duty to help users with system related problems. Departmental labs are facilities dedicated for specific departments or courses, and may be restricted in terms of use.

Statistical Computing. As a Carnegie Research University, UNO is committed to the process of discovery. To assist faculty, researchers and graduate

students with quantitative analysis, UNO supports SAS and SPSS for statistical computing. The university has a site license for these packages, and SAS and SPSS are installed in the FSRC in addition to all Student Open Labs managed by the IT department.

WebSTAR Portal. Provides faculty and staff with Web access to UNO systems for payroll and benefits information, and for accessing class rosters and recording of student grades. Students can use this system to register for classes, access grades, class schedules, financial aid, fee payment, and other services.

UNO Women's Center

The UNO Women's Center was created in 1985 to serve the diverse needs of women in the university and to affirm the lives of women at the University and in the communities of New Orleans. The Women's Center offers scholarships and book awards, and provides research assistance, space and support for student activities, and a range of programming throughout the year. Events include: twice per semester Coffee Talk Lecture Series, educational speakers, discussion and support groups, and periodic workshops on preventing violence against women and other topics of concern. In addition, the Center acts as a referral hub for counseling and community services; is a liaison between campus groups and departments addressing women's issues at UNO; and works with women's advocacy groups in the region. Students, staff, and faculty are welcome. The Women's Center is open Monday through Friday; hours vary. Check the website for hours of operation.

Women's Center, Earl K. Long Library, Room 201, University of New Orleans, 2000 Lakeshore Drive, New Orleans, LA 70148, Tel# 504.280.7285; email lverner@uno.edu or visit <http://wmcn.uno.edu>.

Research and Academic Centers and Institutes

The **Advanced Materials Research Institute (AMRI)** is a multidisciplinary research institute that provides a unique opportunity to develop novel research ideas that ultimately involve the government, private, and academic sectors in the conception and development of research programs. The interactions with corporate laboratories provide a synergistic pathway that promotes technology transfer and private sector involvement in the operation of AMRI.

Founded in 1997, the **Center Austria: Austrian Marshall Plan Center** for European Studies administers the entire partnership agenda with the University of Innsbruck. It directs the student and faculty exchanges, organizes regular lectures on campus and annual scholarly conferences in the humanities, social sciences and sciences, and publishes the academic journal *Contemporary Austrian Studies*. It also publishes two book series: "Studies in Austrian Politics and Culture" (Transaction Publishers) and "TRANSATLANTICA" (StudienVerlag Innsbruck). Center Austria is one of three Austrian Studies Centers in North America (located at the University of Minnesota and the University of Alberta in Canada). The Center has received recognition as a major center for Austrian Studies by the Austrian government and receives regular support from the Ministries for European and International Affairs and the Science Ministry for its conferences and publications and with the funding of an annual dissertation fellowship for an Austrian student to come to UNO. Its work in trans-Atlantic academic exchanges has also been recognized by the Austrian Marshall Plan Foundation in Vienna with the funding of the Marshall Plan Chair in Austrian and European Studies to foster European Studies and international on the UNO campus. Center Austria promotes the study of Austria and Europe in Louisiana and the Gulf South.

The **Center for Hazards Assessment, Response and Technology (CHART)**, an applied social science hazards research center at The University of New Orleans, collaborates with Louisiana communities emphasizing coastal communities including the City of New Orleans. The focus of UNO-CHART is to support Louisiana community sustainability in light of natural, technological, and environmental risks to which the state is vulnerable. The Center undertakes applied social science research to understand ways in which Louisiana communities and the coastal region respond to these risks, assists in the development of best practices for reducing risks, and helps in implementing these practices to achieve comprehensive community sustainability. The second focus of UNO-CHART is the reverse dynamic--the impacts of community activity--social / political /economic--on the ecosystems within the coastal and southeast regions of the state. CHART, founded in 2001, is comprised of a multidisciplinary group of faculty, staff, and graduate research assistants representing various backgrounds, including sociology, political science, public administration, planning, urban studies, engineering and geography. Currently, CHART has projects that address repeated flood loss, disaster mitigation planning, developing of community resiliency assessments, storm mitigation efforts by coastal communities, scientist/community collaboration on ecosystem health and hurricane evacuation of vulnerable populations.

The **Division of Business & Economic Research (DBER)** provides customized research services to organizations to facilitate strategic planning/problem solving efforts. The DBER publishes numerous periodicals containing statistical information, economic analysis and forecasts, and applied research topics.

The **Eisenhower Center for American Studies** supports the Department of History graduate program in diplomatic-military history with an emphasis on public history employment after graduation. This support comes in the form of special speakers and events designed to increase interest in military history and contemporary national security affairs. The Eisenhower Center is the university's principal agent for joint programs with the National World War II Museum, founded by the late Stephen E. Ambrose, a UNO history professor and author of international acclaim.

The **Energy Conversion and Conservation Center (ECCC)** was established in 1996 by legislative act of the State of Louisiana. The ECCC conducts research on local, national and international projects that aim to improve the quality of life by solving technical problems associated with power generation, energy conservation and efficiency.

The **Ethel and Herman Midlo Center for New Orleans Studies** promotes understanding of New Orleans history, culture, politics, and public policy issues. It sponsors events and coordinates interdisciplinary courses and seminars at the University of New Orleans, facilitates the writing of new general histories of New Orleans and Louisiana, hosts conferences that enable scholars to share their research findings about New Orleans, serves as an institutional home for international scholars, and as a repository for research materials about the culture and folklore of the City. Since its inception, The Midlo Center has sponsored a series of high-profile outreach projects that have helped to circulate this information back into the community that it serves while successfully applying for a range of research grants to expand knowledge on the city and people of New Orleans.

The **Greater New Orleans Center for Information Assurance (GNOCIA)** is dedicated to research and instruction in the broad area of Information Assurance (IA). The GNOCIA has several interrelated missions, including facilitating interaction between government, industry, and academia to perform cutting edge research in IA, attracting federal funding to support these research efforts, attracting and retaining highly-qualified students, staff, and faculty,

and workforce development through creation of specialized training opportunities. The Center also develops outreach programs to increase awareness of opportunities in IA in a number of communities, from high school students to entrepreneurs. Finally, the GNOCIA will provide a development environment where, in collaboration with industry and government agencies, research ideas in IA are grown into real-world security tools to be used in daily practice. The primary research agenda of the GNOCIA includes development of state-of-the-art, high-performance tools for digital forensics investigation, reverse engineering, techniques for analysis and mitigation of malware, secure programming, and research in spatio-temporal information systems for homeland security. The GNOCIA laboratories include state-of-the-art computer equipment running a wide variety of open source and commercial software for digital investigation, reverse engineering, and the analysis of malicious software, in addition to specialized equipment such as hard drive analyzers and clean room facilities.

The **Hospitality Research Center** at the University of New Orleans is a collaborative effort of the School of Hotel, Restaurant and Tourism Administration (HRT) and the Division of Business and Economic Research (DBER). Each faculty member of the School of HRT has broad experience in the tourism and hospitality industry and has extensive academic preparation. Working together, in cooperation with the professionals in the Division of Business and Economic Research, the UNO HRT/ DBER research program is consistently recognized for research productivity in the hospitality field. The function of the Hospitality Research Center is to provide a variety of research services to hospitality, travel and tourism organizations. Selected recent projects include Louisiana Tourism Conversion Study, Special Events Impact on the Economy, Tourism Industry Salary Surveys and Visitor Profiles.

The **Institute of Economic Development & Real Estate Research** is a public service division of the College of Business Administration that combines the resources of the Center for Economic Development and the Real Estate Research Center.

The **Maritime and Environmental Resources and Information Center** is located in the College of Engineering and addresses concerns pertaining to the planning and implementation of environmental and health related methodologies.

The **Merritt C. Becker, Jr. University of New Orleans Transportation Institute (UNOTI)**, housed under the Department of Planning and Urban Studies, focuses on the role of transportation in creating a sustainable, livable and resilient future. Faculty and staff associated with the Institute are recognized for their expertise in Transportation Policy for Sustainability, Livability, Resiliency and Disaster Recovery; Maritime and Port Planning; Evacuation Planning for Carless and Vulnerable Populations; Transit and Streetcars; Bicycle and Pedestrian Planning and Safety, and Transit Oriented Development. UNOTI combines applied research, outreach, and education to affect positively the transportation field from the local to the international spheres. The work done at the Institute continues to be integral in the post-Katrina recovery of New Orleans, and vital to the overall sustainability and economic competitiveness of the nation.

Formed in July 2008, the **New Orleans Jazz Institute (NOJI)** links UNO's strengths in jazz education with professional practice. It serves to promote creative excellence and best practices in Jazz composition, performance, scholarship, importation, exportation, and education. The goals and objectives of the New Orleans Jazz Institute are directly reflective of the University of New Orleans' mission, as well as its standard of excellence in the areas of: academic research, music education, new creative works and the enrichment of the cultural and business infrastructure of the New Orleans community. NOJI serves as a community and capacity building organization for New Orleans' Jazz Industry and creative community, bolsters the activities and scope of UNO Jazz programs, and acts as an ambassador for New Orleans Jazz all over the world.

The **UNO Pontchartrain Institute for Environmental Sciences** is a partnership of scientists and educators that combines rigorous scientific analysis with education, outreach, and planning to develop practical solutions to environmental challenges of the Pontchartrain Basin, the Gulf of Mexico, and similar coastal ecosystems in the United States and elsewhere in our world. The Institute brings together the technical expertise and understanding needed to address issues such as water quality, critical habitats, biodiversity and coastal restoration strategies. Additionally, staff work with academic institutions, government agencies, and environmental organizations to provide information critical to preserving and restoring the environmental quality of the Pontchartrain Basin.

The **Survey Research Center (SRC/UNO Poll)**, housed in the Political Science Department, exists to serve the research, teaching and service needs of the University and of the larger community. The SRC promotes socially significant research with public policy implications as well as research of theoretical or academic interest. Since 1985, the Center has collected information about public opinions, beliefs and values on a wide range of social, economic and political issues. Since its inception it has gained a reputation for accuracy and integrity in public opinion research. **The SRC** is an independent academic survey unit offering high quality research services to people inside and outside of the University. The Center provides training and experience in survey research to graduate and undergraduate students.

Administrators

- UNO Administrators
- Academic Affairs
- Student Affairs
- Business Affairs
- Training Resources and Assistive Technology Center (TRAC)
- Research
- Communications, Marketing and Public Relations

UNO Administrators

President	John W. Nicklow, Ph.D.
- Provost and Senior Vice President for Academic Affairs	Mahyar A. Amouzegar, Ph.D.
- Vice President for Business Affairs	Gloria J. Walker, Ed.D., MBA, CPA

-	Vice President for Research and Economic Development	Matthew A. Tarr, Ph.D.
-	Director of Marketing	Sarah Bergez, B.G.S.
-	Executive Director of University Advancement	Anthony Gregorio
-	Director of Intercollegiate Athletics	Vincent Granito, M.S.; Interim
-	Associate Athletic Director for Student-Athlete Enrichment, Senior Woman Administrator	Kirsten Elleby, M.S.Ed. B.A.
-	Internal Audit II	Mitzi M. Penton, M.B.A
-	Chief Communications Officer and Strategic Advisor to the President	Adam Norris, M.S.
-	Director of Institutional Effectiveness and Research	Colby Stoeber, Ph.D.
-	Executive Assistant to the President	Elizabeth Land, M.Ed.

Academic Affairs

	Senior Provost and Vice President for Academic Affairs	Mahyar A. Amouzegar, Ph.D.
-	Associate Provost for Academic Programs	Caroline Noyes, Ph.D.
-	Associate Vice President for Admissions and Enrollment Services	Mary Beth A. Watson, M.S.
-	College of Business Administration	John A. Williams, Ph.D., Dean
-	College of Liberal Arts, Education and Human Development	Kim Martin Long, Ph.D., Dean
-	College of Engineering	Taskin Kocak, Ph. D., Dean
-	College of Sciences	Steven Johnson, Ph.D., Dean
-	Earl K. Long Library	Rui Wang, Ph.D., Dean of Library & Information Services
-	Graduate School	Amanda M. Athey, M.A., Director
-	Interdisciplinary Studies	Scott W. Pentzer, Ph.D., Director
-	Honors Program	Christopher Surprenant, Ph.D., Director
-	International Education	Alea M. Cot, M.A., Assistant Provost
-	Professional and Continuing Education	Tina Chang, Ph.D., Associate Vice President
-	International Students and Scholars	Christiana Thomas, M.A., Director
-	Information Technology	Ray Wang, Chief Information Officer
-	Center for Teaching Innovation	Beth Blankenship, M.A., Coordinator
-	Service Learning	Ryan A. Bell, MLIS., Director

-	Women's Center	Lisa Verner, Ph.D., Director
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Student Affairs

Associate Vice President for Student Affairs and Dean of Students		Carolyn Golz, Ph.D.
-	Career Services	Celyn C. Boykin, M.Ed., Director
-	Counseling Services	Rosamond Myers, Ph.D., Director
-	Disability Services	Amy King, M.Ed., Director
-	Student Accountability	Amy King, M.Ed., Director
-	Student Involvement and Leadership	LeeAnne Sipe, M.A., Director
-	TRIO - Project PASS/ACCESS	Brenda Brown, M.Ed., Director
-	TRIO - Student Support Services	Nora Chapius, M.A., Director
-	TRIO - Upward Bound	Lynette Bates, M.R.E., Director

Business Affairs

Vice President for Business Affairs		Gloria J. Walker, Ed.D., MBA, CPA
-	Assistant Vice President for Business Affairs; Budget, Finance & Systems	Tiffany Gilmore-Soublet, M.B.A.
-	Assistant Vice President for Human Resource Management	Karen M. Paisant, M.B.A.
-	Accounts Payable	Helen Choi, B.S., Manager
-	Bursar	Willis Brewer
-	General Accounting and Financial Reporting	David P. Muscarello, B.S., C.P.A., Manager
-	Materials, Management and Contracts Administrator	Stephen F. Kolz, B.S., Director
-	Recreation and Intramural Sports	Jody Duvernay, M.Ed., Director
-	Student Housing	Amanda Robbins, M.A. Director
-	Auxiliary Services	Patrick Linn, B.S., Director

Training Resources and Assistive Technology Center (TRAC)

TRAC	Patrick Linn, B.S., Director
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Research

Vice President for Research and Economic Development		Matthew A Tarr, Ph.D.
-	Assistant Vice President for Research and Development	Carol T. Lunn, M.B.A.

Communications, Marketing and Public Relations

President		John W. Nicklow, Ph.D.
-	Marketing	Sarah Bergez, B.G.S., Director
-	Chief Communication Officer and Strategic Advisor to the President	Adam Norris, B.A., M.S., Director
-	Web Strategy	Michael Esordi, B.F.A, Associate Director

Faculty and Staff

- Faculty A-G
- Faculty H-R
- Faculty S-Z
- Library Faculty
- Faculty Emeriti

Alphabetical

A-G | H-R | S-Z

Departmental

Earl K Long Library
Faculty Emeriti

Academic Staff

- College of Business Administration
- College of Engineering
- College of Liberal Arts, Education and Human Development
- College of Sciences
- Enrollment Services
- Interdisciplinary Studies
- The Graduate School
- The Honors Program
- Information Technology
- International Education
- Intensive English
- Learning Resource Center
- Library
- Office of Academic Affairs
- Office of International Students and Scholars
- Student Support Services

- Writing Center

Faculty A-G

A | B | C | D | E | F | G

A

- Abdelguerfi, Mahdi Professor of Computer Science and Chair of the Department of Computer Science; Ph.D., Wayne State University. Member, Graduate Faculty.
- Adeola, Francis O. Professor of Sociology; Ph.D., Mississippi State University. Member, Graduate Faculty.
- Aidoo, Fallon Assistant Professor of Planning and Urban Studies; Ph.D., Harvard University. Member, Graduate Faculty.
- Akyuzlu, Kazim M. M. Professor of Mechanical Engineering; Ph.D., University of Miami. Member, Graduate Faculty.
- Alsamman, Abdul Rahman Associate Professor of Electrical Engineering; Ph.D., University of Alabama. Member, Graduate Faculty.
- Amdall, James. Assistant Research Faculty, Master of Architecture, Cranbrook Academy of Art, Graduate Faculty.
- Amiri, Ebrahim Assistant Professor of Electrical Engineering; Ph.D., Louisiana State University.
- Anthony, Nicola Mary, Professor of Biological Sciences; Ph.D., Cambridge University. Member, Graduate Faculty.
- Arifuzzaman, Shaikh Assistant Professor of Computer Science; Ph.D., Virginia Tech
- Arroyo, Alexa Instructor in Fine Arts; M.A., Rutgers University.
- Atkins III, Victor B., Associate Professor of Music and Danny Barker Endowed Professor, MM. Manhattan School of Music, Member, Graduate Faculty.
- Atkinson, Connie Zeanah, Associate Professor of History, Logsdon Professor and Co-Director of the Midlo Center; Ph.D., University of Liverpool. Member, Graduate Faculty.
- Atallah, Joel. Assistant Professor of Biological Sciences; Ph.D., University of Toronto. Member, Graduate Faculty.
- Augier, Denis M. Associate Professor of French; Ph.D., University of Indiana, Bloomington. Member, Graduate Faculty.
- Austin, Patricia June Professor of Curriculum, Instruction & Special Education; Ph.D., University of New Orleans. Member, Graduate Faculty.
- Azzam, Rasheed M. A. Distinguished Professor of Electrical Engineering; Ph.D., University of Nebraska-Lincoln. Member, Graduate Faculty.

B

- Baas, Diane Associate Professor in Film and Theatre; M.F.A. University of Washington School of Drama, Graduate Faculty.
- Ballanco, Betty J. Graduate Coordinator in Accounting and Director of the Business Administration Computer Installation; M.S., The University of New Orleans.
- Barbé, Donald E. Professor in Civil and Environmental Engineering; Ph.D., P.E., Louisiana State University.
- Bates, Randolph Professor of English; Ph.D., Tulane University. Member, Graduate Faculty.
- Beabout, Brian R. Associate Professor of Educational Leadership, Counseling and Foundations; Ph.D., Pennsylvania State University. Member, Graduate Faculty.
- Beams, Joseph D. Oil and Gas Professor of Accounting; Ph.D., Virginia Tech. Member, Graduate Faculty.
- Beaton, Elliott A. Assistant Professor of Psychology; Ph.D., McMaster University. Member, Graduate Faculty.
- Bell, Charles D., Associate Professor of Biological Sciences, Ph.D., Yale University. Member, Graduate Faculty.
- Belser, Christopher., Assistant Professor of Educational Leadership, Counseling, and Foundations; Ph.D., University of Central Florida. Member, Graduate Faculty.
- Benischek, Roger Director of the Nims Center; M.S., California State College-Bakersfield.
- Berglund, Jennifer, Instructor of Biological Sciences, Ph.D., Medical University of South Carolina
- Beriss, David I. Associate Professor of Anthropology and Chair of the Department Anthropology and Sociology; Ph.D., New York University. Member, Graduate Faculty.
- Birk, Lothar, Professor and Chair of the School of Naval Architecture and Marine Engineering; Dr.-Ing, Technische Universität Berlin. Member, Graduate Faculty.
- Bischof, Günter J. Marshall Plan Professor of History, Marshall Plan Anniversary Chair and Director Center Austria: The Austrian Marshall Plan Center for European Studies; Ph.D., Harvard University. Member, Graduate Faculty.
- Blankenship, Elizabeth Ruth Instructor in English and Director of the Women's Center; M.A., University of New Orleans.
- Bole, Paul Thomas Associate Professor of Professional Practice of Curriculum, Instruction & Special Education; Ph.D., Northern Colorado University.
- Bonis, Marc P. Assistant Professor of Educational Leadership, Counseling and Foundations; Ph.D., University of New Orleans. Member, Graduate Faculty
- Bordelon, Bridget Mary Associate Professor of Hotel, Restaurant, Tourism Administration; Ph.D., The University of New Orleans. Member, Graduate Faculty.
- Bourderionnet, Olivier. Associate Professor of French; Ph.D., Tulane University. Member, Graduate Faculty.
- Bourgeois, Professor, Huntington Ingalls Incorporated Endowed Professor of Engineering and Professor in Department of Electrical Engineering; Ph.D., Tulane University. Member, Graduate Faculty.
- Boyle, Kelly, Assistant Professor of Biological Sciences, Ph.D., University of Hawai'i, Manoa
- Breunlin, Rachel, Ethnographer-in-Residence, Instructor in Anthropology and Co-Director Neighborhood Story Project; M.S.U.S., The University of New Orleans.
- Broadhurst, Christopher J. Assistant Professor of Educational Leadership, Counseling and Foundations; Ph.D., North Carolina State University. Member, Graduate Faculty.

- Brooks, Elaine S., Professor of Spanish and Academic Director for the Bachelor of Interdisciplinary Studies Degree Program; Ph.D., University of California-Davis. Member, Graduate Faculty.
- Brown, Nikki L. Associate Professor of History and Cassimere Professor; Ph.D., Yale University. Member, Graduate Faculty.
- Burrell, Brenda Associate Professor of Curriculum, Instruction & Special Education; Ph.D., University of New Orleans. Member, Graduate Faculty.

C

- Campbell, Anthony P. Assistant Professor of Fine Arts; M.A. The Royal College of Art, London England. Member, Graduate Faculty.
- Catalano, Angela. Instructor in Film and Theatre, M.A. University of Wisconsin-Milwaukee.
- Chakravarty, Uttam K. Assistant Professor of Mechanical Engineering, Ph. D., Georgia Institute of Technology. Member, Graduate Faculty
- Charalampidis, Dimitrios Huntington Ingalls Incorporated Endowed Professor of Electrical Engineering and Chair of Electrical Engineering; Ph.D., University of Central Florida. Member, Graduate Faculty.
- Chen, Han, Assistant Professor of Hotel, Restaurant and Tourism Administration, Ph.D., Auburn University, Member, Graduate Faculty
- Chen, Huimin Don E. Wilson Chevron USA Associate Professor of Electrical Engineering; Ph.D., University of Connecticut. Member, Graduate Faculty.
- Chervenak, Edward E. Instructor in Political Science; Ph.D., Tulane University. Member, Graduate Faculty.
- Cho, Woohyun, Associate Professor of Management, Ph.D., University of Maryland, R.H. Smith School of Business, Member, Graduate Faculty.
- Clancy, Mary J. Associate Professor of Biological Sciences; Ph.D., Princeton University. Member, Graduate Faculty.
- Clostio, Rachel Wallace, Instructor of Biological Sciences, Ph.D., University of New Orleans.
- Compton, D'Lane R. Associate Professor of Sociology and Associate Chair of Anthropology and Sociology; Ph.D., Texas A & M University. Associate Member, Graduate Faculty.
- Corey, Christy McLendon, Associate Professor of Management; Ph.D., Tulane University. Member, Graduate Faculty.
- Cothren, Gianna M. Associate Professor of the Department of Civil and Environmental Engineering; Ph.D., Louisiana State University. Member, Graduate Faculty.
- Cox, T. Erin, Assistant Professor of Biological Sciences, Ph.D., University of Hawai'i, Manoa
- Crespo, Lisa Instructor in Mathematics; M.S., University of New Orleans.
- Croegaert, Ana. Assistant Professor of Anthropology; Ph.D., Northwestern University. Member, Graduate Faculty.
- Cromartie, Jane S. Professor of Marketing; Ph.D., University of Florida. Member, Graduate Faculty.

D

- Daunis, Miriam R. Associate Dean of the College of Sciences and Instructor in Mathematics, Ph.D., Southern Methodist University. Member, Graduate Faculty.
- Davis, James Ronnie Professor of Economics and Finance; Ph.D., University of Virginia. Member, Graduate Faculty.
- Day, Christine Lucile Professor and Chair of Department of Political Science; Ph.D., University of California-Berkeley, Member Graduate Faculty.
- DePano, N. Adlai A. Associate Professor of Computer Science; Ph.D., The Johns Hopkins University. Member, Graduate Faculty.
- Derbigny, Helene J. Teacher in Residence in Curriculum, Instruction & Special Education; M.Ed., University of New Orleans.
- Derstler, Kraig L. Associate Professor of Earth and Environmental Sciences; Ph.D., University of California-Davis.
- DeVries, Philip J. Professor of Biological Sciences; Ph.D., University of Texas, Austin. Member, Graduate Faculty.
- Dodds, Andrew Instructor in Mathematics; M.S., The University of New Orleans.
- Doll, Daniel E. Associate Professor of English; Ph.D., Purdue University. Member, Graduate Faculty.
- Doosey, Michael, Instructor of Biological Sciences, Ph.D., Tulane University
- Dufrene, Roxane L. Associate Professor of Educational Leadership, Counseling and Foundations; Ph.D., Mississippi State University. Member, Graduate Faculty.
- Dumesnil, Cory Instructor in Mathematics; M.S., The University of New Orleans.
- Dupont, Robert L. Associate Professor of History and Chair of the Department of History and Philosophy; Ph.D., Louisiana State University. Member, Graduate Faculty.

E

- Easley, W. Michael, Instructor in Economics and Finance; M.S. Tulane University.
- Easterlin, Nancy L. Research Professor of English; Ph.D., Temple University. Member, Graduate Faculty.
- Egeseli, Engin, Professor of Practice in Civil Engineering; Ph.D., P.E., University of Pittsburgh, Graduate Faculty.
- Ehrenreich, Jeffrey D. Doris Zemurray Stone Endowed Chair in Latin American Studies and Professor of Anthropology; Ph.D., New School for Social Research. Member, Graduate Faculty.
- Eishita, Farjita, Instructor in Computer Science; Ph.D., University of Saskatchewan.

F

- Farizo, Kenneth P. Associate Professor of Professional Practice in Curriculum, Instruction & Special Education; Ph.D., University of New Orleans.
- Fink, Inge Instructor in English; M.A., The University of New Orleans.
- Flynn-Wilson, Linda, Professor of Special Education and Habilitative Services Curriculum, Instruction & Special Education; Ph.D., University of Illinois. Member, Graduate Faculty.
- Fok, Lillian Yee-Man Professor of Management; Ph.D., Georgia State University. Member, Graduate Faculty.
- Franklin, Katie Chosa. Instructor in English, M.A., The University of New Orleans.
- French, Anthony W. Professor of Film and Theatre and New Orleans Theatre Association Endowed Professor in Theatre; M.F.A., Carnegie-Mellon University. Member, Graduate Faculty.
- Fuller, Nicole, Assistant Professor of Management; Ph.D., Texas A&M University
- Fulop, Laszlo Associate Professor of Film and Theatre; M.F.A., University of New Orleans, Graduate Faculty.

G

- Gallagher, Skip Instructor of Chemistry, Ph.D. University of Idaho.
- Garagiola, Katie Visiting Assistant Professor in Film and Theatre; M.F.A. University of Southern California
- Garcia-Castellon, Manuel Professor of Spanish; Ph.D., University of Georgia. Member, Graduate Faculty.
- Gill, Ivan P. Professor in Curriculum Instruction & Special Education; Ph.D., Louisiana State University. Member, Graduate Faculty.
- Georgiou, Ioannis Yiakoumi Associate Professor of Earth and Environmental Sciences and Director of the Pontchartrain Institute of Environmental Sciences (PIES); Ph.D., The University of New Orleans. Member, Graduate Faculty.
- Gery, John R. O. Research Professor of English; M.A., Stanford University. Member, Graduate Faculty.
- Ghose Hajra, Malay. Professor; Department of Civil and Environmental Engineering; Ph.D., P.E., Kansas State University. Member, Graduate Faculty.
- Gladstone, David L. Associate Professor of Planning and Urban Studies, Ph.D., Rutgers University. Member, Graduate Faculty.
- Goodman, Richard. Associate Professor of English; M.F.A., Spalding University. Member, Graduate Faculty.
- Gow, L. Kalo Assistant Professor in Film and Theatre; M.F.A. York University
- Graves, Kevin L. Professor of Film and Theatre and Senior Associate Dean of the College of Liberal Arts, Education and Human Development; Ph.D., Texas Tech University. Member, Graduate Faculty.
- Gray, D. Ryan. Associate Professor of Anthropology and Richard Wallin Boebel Professor of Anthropology; Ph.D., University of Chicago. Member, Graduate Faculty.
- Green, Yvette N. Associate Professor of Hotel, Restaurant, Tourism Administration and Interim Director of the Lester E. Kabacoff School of Hotel Restaurant and Tourism Administration; Ph.D., Virginia Polytechnic Institute and State University. Member, Graduate Faculty
- Griffin, Henry Assistant Professor of Film and Theatre; M.F.A. University of New Orleans, Graduate Faculty.
- Griffith, Kevin B. Associate Professor of Film and Theatre; M.F.A., University of Southern Mississippi. Member, Graduate Faculty.
- Guillot, Martin Joseph Associate Professor of Mechanical Engineering; Ph.D., University of Texas, Austin. Member, Graduate Faculty.

Faculty H-R

H | I | J | K | L | M | N | O | P | Q | R

H

- Haber, Yotam Assistant Professor of Music and Virginia Kock Endowed Professor; D.M.A. Cornell University.
- Hansen, Erik Assistant Professor of Film and Theatre; MFA University of New Orleans. Graduate Faculty.
- Harmelink, Philip J. Ernst and Young Professor of Accounting, Research Professor and Chair of the Department of Accounting; Ph.D., University of Iowa. Member, Graduate Faculty.
- Hassan, Mohammad K. Professor of Economics and Finance; Ph.D., University of Nebraska-Lincoln. Member, Graduate Faculty.
- Hauck, Henry F. Instructor of Chemistry; Ph.D., The University of New Orleans
- Hayes, Cheryl A. Associate Professor of Fine Arts; M.F.A., The University of New Orleans. Member, Graduate Faculty.
- Hembree, Carolyn A. Associate Professor of English; M.F.A., University of Arizona. Member, Graduate Faculty.
- Herrington, Paul D. Professor of Mechanical Engineering and Director of Engineering Management; Ph.D., Louisiana State University. Member, Graduate Faculty.
- Himelstein, Abram Assistant Professor of Professional Practice of Curriculum, Instruction & Special Education; M.F.A., University of New Orleans.
- Hodges, Lori Instructor in Mathematics; M.S., Southern Illinois University at Carbondale
- Hogan, Elizabeth. Instructor in English. MFA, The University of New Orleans.
- Holladay, Kenneth W. Professor of Mathematics; Ph.D., Massachusetts Institute of Technology. Member, Graduate Faculty.
- Hoover, David Professor of Film and Theatre; M.F.A., Lindenwood University. Member, Graduate Faculty.
- Hoque, MD, Tamjidul Associate Professor of Computer Science; Ph.D., Monash University. Member, Graduate Faculty.
- Horne, John H., Professor of the Professional Practice of Biological Sciences; Ph.D., Duke University. Member, Graduate Faculty.
- Houser, Esther Anita Instructor in Accounting; M.S., Virginia Tech.
- Howard, Jerome Joseph Associate Professor of Biological Sciences; Ph.D., University of Iowa. Member, Graduate Faculty.
- Hui, David Research Professor of Mechanical Engineering; Ph.D., Toronto University. Member, Graduate Faculty.
- Hurter, Jade. Instructor in English. M.F.A., University of New Orleans.

I

- Ibanez, Juana L. Instructor of Geography, M.A., University of Texas, Austin
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J

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- Jilkov, Vesselin P. Riley Parker Endowed Professor of Electrical Engineering; Ph.D., Bulgarian Academy of Sciences. Member, Graduate Faculty.
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- Johnson, Steven G. Dean of the College of Science and Professor of Biological Sciences; Ph.D., University of Kansas. Member, Graduate Faculty.
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K

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- Payne, Dinah M. Professor of Management; J.D., Loyola University in New Orleans. Member, Graduate Faculty.
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- Petersen, Edward A. Professor of Music; M.A., Northwestern University. Member, Graduate Faculty.
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- Rose, Brent. Assistant Professor of Music; M.M., University of New Orleans.
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- Rule, Dan. Associate Professor of Fine Arts; M.F.A. Northern Illinois University. Member, Graduate Faculty
- Rutledge, David S. Instructor in English; Ph.D., Case Western Reserve University.

Faculty S-Z

[S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)

S

- Samuel, Benjamin Assistant Professor of Computer Science; Ph.D., University of California, Santa Cruz
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- Scaramella, Laura V. Professor of Psychology; Ph.D., University of Arizona. Member, Graduate Faculty.
- Schalow, Frank H. Research Professor of Philosophy; Ph.D., Tulane University. Member, Graduate Faculty.
- Schilling, Paul J. Professor and Chair of Mechanical Engineering; Ph.D., Louisiana State University. Member, Graduate Faculty.
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- Starr, Juliana Associate Professor of French; Ph.D., Indiana University. Member, Graduate Faculty.
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- Surprenant, Christopher. Associate Professor of Philosophy; Ph.D., Boston University. Member, Graduate Faculty.

T

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- Thomas, Mary, Instructor in Mathematics; M.S.T., Loyola University.
- Thompson, Michelle M. Associate Professor of Planning and Urban Studies; Louisiana Manufacturing Association Fellow Ph.D. Cornell University. Member, Graduate Faculty.
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- Trumbach, Cherie C. Associate Professor of Management; Ph.D., Georgia Institute of Technology. Member, Graduate Faculty.
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- Turunen-Red, Arja H. Professor of Economics; Ph.D., British Columbia University. Member, Graduate Faculty.

U

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V

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- Wandler, Scott A. Associate Professor of Accounting; Ph.D., Louisiana State University. Member, Graduate Faculty.
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- Ware, Stephen G. Assistant Professor of Computer Science; Ph.D., North Carolina State University.
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- Werner, Robin A. Instructor in English; Ph.D., Tulane University.
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- Williams, John A. Dean of College of Business Administration, Professor of Hotel, Restaurant and Tourism; Ph.D., Pennsylvania State University.
- Williams, Robin H. Professor of Music; D.M.A., Eastman School of Music. Member, Graduate Faculty.
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X

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Y

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Z

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- Zibran, Minhaz Fahim Assistant Professor of Computer Science; Ph.D., University of Saskatchewan.
- Zimmerman, Donald L. Professor and Director of Health Care Management; Ph.D., Stony Brook University.
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Faculty Emeriti

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- Abdel-Rahman, Hesham Professor Emeritus of Economics and Finance; Ph.D., University of Pennsylvania.
- Aldaya, Alicia G. R. Professor Emerita of Spanish; Ph.D., University of Havana.
- Allen, Gary C. Professor Emeritus of Geology; Ph.D., University of North Carolina, Chapel Hill.
- Allen, H. David Professor Emeritus of Sociology; Ph.D., Vanderbilt University.
- Altman, Ida L. Professor Emerita of History, Ph.D., John Hopkins University.
- Andrus, Jan F. Professor Emeritus of Mathematics; Ph.D., University of Florida.
- Anex, Basil G. Professor Emeritus of Chemistry; Ph.D., University of Washington.
- Artigas, Maria Del Carmen Professor Emerita of Spanish; Ph.D., University of Virginia
- Ashar, Asaf Research Professor Emeritus, Ph.D., Wales University College.
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- Banbury, Mary M. Professor Emerita of Special Education; Ph.D., University of New Orleans.
- Barnitz, John G. Research Professor Emeritus of Curriculum and Instruction; Ph.D., University of Illinois.
- Baroni, Barry Professor Emeritus of Management; M.B.A, J.D., Loyola University.
- Barton, Frederick P. University Research Professor Emeritus, Professor of English Emeritus, Dean of the College of Liberal Arts Emeritus, Provost and Vice Chancellor for Academic and Student Affairs Emeritus; M.F.A., University of Iowa.
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- Greene, William A. Professor Emeritus of Computer Science, Ph.D., Tulane University.
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- Jones, Joseph Howard Professor Emeritus of Fine Arts; M.F.A., Auburn University.
- Jones, Julie Professor Emeritus of Spanish; Ph.D., Tulane University.
- Jordan, Robert S. Research Professor Emeritus of Political Science; D.Phil., Oxford University.
- Jumonville, Florence M. Librarian and Professor Emerita; M.S., Louisiana State University.
- Kemp, Alice Abel Professor Emerita of Sociology; Ph.D., University of Georgia.
- Kern, Jr., Ralph D. Research Professor Emeritus of Chemistry; Ph.D., University of Texas, Austin.
- Kieff, Judith E. Professor Emeritus of Curriculum and Instruction; Ph.D., Oregon State University
- King, Bruce M., Professor Emeritus of Psychology; Ph.D., Chicago State University.
- Klaasen, Thomas A. Professor Emeritus of Economics; Ph.D. Michigan State University.
- Krantz, Susan E. Professor Emeritus of English and Dean Emeritus of Liberal Arts; Ph.D., Tulane University
- Kunen, Seth Professor Emeritus of Psychology; Ph.D., University of Wisconsin, Madison.
- Kura, Bhaskar Professor Emeritus of Civil and Environmental Engineering; Ph.D., P.E., Louisiana State University.
- Kythe, Prem K. Professor Emeritus of Mathematics; Ph.D., Aligarh Muslim University.
- Lackey, Kris Professor Emeritus of English; Ph.D., University of New Mexico.
- Lambert, Samuel J. Professor Emeritus of Accounting; Ph.D., Louisiana State University.
- Lannes, William Professor Emeritus of Engineering; M.S., Naval Postgraduate School.
- Larson, David Professor Emeritus of Economics and Finance; Ph. D., University of Maryland, College Park.
- Laska, Shirley Professor Emerita of Sociology; Ph.D., Tulane University.
- Leake, Joanna Brent Professor Emerita of English; M.A., State University of New York, Buffalo.
- Leboeuf, Maurice M. Professor Emeritus of Management; Ph.D., Louisiana State University, Baton Rouge.
- Litton, Freddie W. Professor Emeritus of Education; Ed.D., University of Northern Colorado.
- Longstreet, Wilma S. Professor Emerita of Education; Ph.D., Indiana University, Bloomington.
- Lorton, John Professor Emeritus of Education; Ed.D., University of Southern Mississippi.
- Mackin, Cooper R. Professor Emeritus of English and Chancellor Emeritus; Ph.D., Rice University.
- Mader, Sharon B. Dean Emerita; D.Ed., NOVA Southeastern University.
- Malmgren, Carl D. Professor Emeritus of English; Ph.D., University of Oregon
- Margavio, Anthony V. Professor Emeritus of Sociology; Ph.D., Louisiana State University.
- May, James G., Professor Emeritus of Psychology; Ph.D., University of Houston.
- McCorquodale, John A. Professor Emeritus of Civil and Environmental Engineering; Ph.D., Windsor University.
- McDowell, Peggy Pulliam Professor Emerita of Fine Arts; M.F.A., Memphis State University.
- McIntosh, Harriet A. Professor Emerita of Management; Ph.D., University of North Dakota.
- McLean, Jack H. Professor Emeritus of Psychology; Ph.D., Tulane University.
- McManis, Kenneth L. Professor Emeritus of Civil Engineering; Ph.D., Louisiana State University.
- McSeveney, Dennis R. Professor Emeritus of Sociology, Dean Emeritus of Liberal Arts and Associate Provost Emeritus; Ph.D., Emory University.
- Mercurio, Nicholas Professor Emeritus of Economics; Ph.D., Michigan State University.
- Meza, James Professor Emeritus of Education and Dean Emeritus of the College of Education and Human Development; Ed.D., University of New Orleans.
- Miller, Miriam Y Professor Emerita of English; Ph. D., University of Pennsylvania.
- Montjoy, Robert S. Professor Emeritus of Political Science; Ph.D., Indiana University.
- Mooney, Michael E. Professor Emeritus of English; Ph.D., University of Southern California.
- Morillo, Carolyn R. Professor Emerita of Philosophy; Ph.D., University of Michigan.
- Moustafa, Saad E. Professor Emeritus of Civil Engineering; Ph.D., University of California, Berkeley.
- Mueller, Gordon H. Professor Emeritus of History; Ph.D., University of North Carolina, Chapel Hill.
- Mumphrey, Anthony J., Jr. Professor Emeritus of Planning and Urban Studies; Ph.D., University of Pennsylvania.
- Murdock, Jane Y. Professor Emerita of Special Education; Ph.D., University of Utah.
- Murphy, Joseph E. Professor Emeritus of Physics; Ph.D., City University of New York.
- Murphy, Kay A. Professor Emerita of English; M.F.A., Goddard College.
- Nash, Jerry C. Research Professor Emeritus of French; Ph.D., University of Kansas.
- Nataraj, Mysore S. Professor Emeritus of Civil and Environmental Engineering; Ph.D., Vanderbilt University.
- Nelson, Beverly H. Professor Emerita of Management; Ph.D., Louisiana State University.
- Neubauer, David W. Professor Emeritus of Political Science; Ph.D.; University of Illinois, Urbana.
- Nino, Jaime Associate Professor Emeritus of Computer Science; Ph.D., Tulane University.
- Nosich, Gerald M. Professor Emeritus of Philosophy, Ph.D., University of Illinois at Chicago Circle.
- O'Connor, Charles J. Professor Emeritus of Chemistry; Ph.D., University of Illinois.
- O'Dell-Smith, Roberta Associate Professor Emerita of Biological Sciences; Ph.D., Duke University.
- Olson, Gayle A. Research Professor Emerita of Psychology; Ph.D., Saint Louis University.

- Olson, Richard D. Research Professor Emeritus of Psychology; Ph.D., Saint Louis University.
- Owen, Kenneth E. Librarian Emeritus; M.S., Louisiana State University.
- Paradise, Louis Professor Emeritus of Educational Leadership, Counseling and Foundations/Provost Emeritus; Ph.D., University of Virginia.
- Pearl, Daniel Professor Emeritus of Accounting; Ph.D., University of Minnesota, Minneapolis.
- Peggion, Germana Professor Research Emeritus of Physics; Ph.D., Florida State University.
- Penfield, Elizabeth Professor Emerita of English; M.A., Duke University.
- Pinter, Aelita J. Professor Emerita of Biological Sciences; Ph.D., Tulane University.
- Plante, Kathleen G. Registrar Emerita; M.A., University of Arkansas at Little Rock.
- Poirrier, Michael A. Professor Emeritus of Biological Sciences; Ph.D., Louisiana State University.
- Politzer, Peter A. Boyd Professor Emeritus of Chemistry; Ph.D., Case Western Reserve University.
- Porter, Robert J., Jr. Professor Emeritus of Psychology; Ph.D., University of Connecticut.
- Pressley, Milton M. Professor Emeritus of Marketing; Ph.D., Florida State University.
- Puri, Pratap Research Professor Emeritus of Mathematics; Ph.D., Indian Institute of Technology.
- Ragas, Wade R. Professor Emeritus of Economics and Finance; Ph.D., The Ohio State University.
- Razek, Joseph R. Professor Emeritus of Accounting; Ph.D., University of Illinois.
- Rees, Charles Sparks Professor Emeritus of Mathematics; Ph.D., University of Kansas.
- Reinecke, John A. Professor Emeritus of Marketing; Ph.D., University of Illinois, Urbana.
- Richard, Harold James Professor Emeritus of Fine Arts; M.F.A., University of Colorado, Boulder.
- Rogers, James S. Professor Emeritus of Biological Sciences; Ph.D., University of Texas, Austin.
- Ruetten, Mary K. Professor Emerita of English; M.A., Ohio University.
- Ryan, Timothy P. Professor Emeritus of Economics; Ph.D., The Ohio State University.
- Santi, Victor A. Professor Emeritus of Italian; Ph.D., University of California, Los Angeles.
- Saucedo, Christopher J. Professor Emeritus of Fine Arts; M.F.A., University of Michigan.
- Sauder, Robert A. Professor Emeritus of Geography; Ph.D., University of Oregon.
- Savage, William R. Professor Emeritus of History; Ph.D., University of Chicago.
- Schueler, Donald G. Professor Emeritus of English; Ph.D., Louisiana State University.
- Schuth, H. Wayne Professor Emeritus of Film, Theatre and Communication Arts; Ph.D., The Ohio State University.
- Sharpton, William Professor Emeritus of Special Education and Habilitative Services, Executive Associate Dean Emeritus of the College of Education and Human Development and Associate Provost Emeritus; Ph.D., Georgia State University.
- Shull, Steven Allan Research Professor Emeritus of Political Science; Ph.D., The Ohio State University.
- Sieg, Jerry P. Professor Emeritus of Music; Ph.D., Florida State University.
- Silvestri, Lynette R. Associate Professor Emerita of Human Performance and Health Promotion; Ed.D., Northwestern State University of Louisiana.
- Simmons Jr, William B. Professor Emeritus of Geology and Geophysics; Ph.D., University of Michigan-Ann Arbor.
- Skiffington, Frances W. Librarian Emerita; M.L.S., Louisiana State University, Baton Rouge.
- Smith, Theresa L. Professor Emerita of Human Performance and Health Promotion; Ph.D., Louisiana State University, Baton Rouge.
- Snowden, Jesse O. Professor Emeritus of Geology; Ph.D., University of Missouri, Columbia.
- Soble, Alan G. Research Professor Emeritus of Philosophy, Ph.D., State University of New York, Stony Brook.
- Speyrer, Janet F. Professor Emerita of Economics; Ph.D., Johns Hopkins University
- Stamps, Leighton E. Professor Emeritus of Psychology; Ph.D., West Virginia University.
- Stevens, Edwin D. Professor Emeritus of Chemistry; Ph.D., University of California - Davis.
- Stiebing, William H. Jr. Professor Emeritus of History; Ph.D., University of Pennsylvania.
- Stone, Jim. Professor Emeritus of Philosophy, Ph.D., Colorado State University.
- Strickland, S. Mark Dean Emeritus of Academic Services; M.B.A., Auburn University.
- Sweany, Ray L. Professor Emeritus of Chemistry; Ph.D., University of Illinois, Urbana.
- Thayer, Ralph E. Professor Emeritus of Urban and Regional Planning; Ph.D., Pittsburg University.
- Thomas, Paulette J. Professor Emerita of Special Education; Ph.D., Texas A&M University.
- Tillis, Salvatore Director Emeritus of the University Computer Center, M.A., University of New Orleans.
- Trahan, Jr., Russell E. Professor Emeritus of Electrical Engineering and Dean Emeritus of the College of Engineering; Ph.D., University of California-Berkeley.
- Utley, John, Professor Emeritus of Biological Sciences, Ph.D., Duke University.
- Varela, Oscar A., Professor Emeritus of Economics and Finance; Ph.D., University of Alabama in Birmingham.
- Varnado, Alban F. Professor Emeritus of Drama and Communications; Ph.D., Louisiana State University, Baton Rouge.
- Villere, Maurice F. Professor Emeritus of Management; Ph.D., University of Illinois.
- Vorus, William S. Professor Emeritus of Naval Architecture and Marine Engineering; Ph.D., University of Michigan.
- Wagner, Fredrick W. Professor Emeritus of Planning and Urban Studies; Ph.D., University of Washington.
- Walker, Dolores J. Professor Emerita of Foreign Languages; Ph.D.; University of California, Berkeley.
- Ward, Martha C. Professor Emerita of Anthropology; Ph.D., Tulane University.
- Watkins, Terry A. Professor Emeritus of Mathematics; Ph.D., Texas Tech University.
- Webb, Malcolm C. Professor Emeritus of Anthropology; Ph.D., University of Michigan, Ann Arbor.
- Wei, Dongming Professor Emeritus of Mathematics; D., Michigan State University.
- Wei, Peihwang P. Professor Emeritus of Economics and Finance; Ph.D., Louisiana State University.
- Welch, George R. Professor Emeritus of Biological Sciences; Ph.D., University of Tennessee.
- Whelan, Robert K. Professor Emeritus of Urban and Regional Planning and Public Administration; Ph.D., University of Maryland.
- Whitley, Norman L. Associate Dean and Associate Professor Emeritus of Mechanical Engineering; Ph.D., Stanford University.
- Whitney, Gerald A. Professor Emeritus of Economics and Finance; Ph.D., Tulane University.
- Whittenburg, Scott L. Professor Emeritus of Chemistry; Ph.D., University of Utah.
- Wildgen, John K. Professor Emeritus of Urban and Regional Planning; Ph.D., Duke University.
- Wildgen, Kathryn Eberle Professor Emerita of French; Ph.D., Duke University.
- Yrle, Augusta C. Professor Emerita of Management; Ed.D., University of New Orleans

University Regulations

The Catalog represents a flexible program of current educational plans, offerings, and requirements that may be altered from time to time to carry out the purposes and objectives of the university. The provisions of this publication do not constitute an offer of contract that may be accepted by students through registration and enrollment in the university; the university reserves the right to change any provision, offering, or requirements at any time within the student's period of study.

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Academic Amnesty/Renewal

The purpose of academic renewal is to provide an opportunity for undergraduate students who have not been enrolled in a college or university for three consecutive calendar years to have any academic record earned prior to the three-year period disregarded for the purpose of admission or readmission to UNO. While the prior record remains a part of the student's overall academic record, none of it carries forward as part of the degree program. Academic Renewal may be offered and awarded only once and is only applicable to students who enroll at UNO.

All students who have been out of school for more than three years but have above a 2.00 and who wish to declare academic renewal must contact the Office of Admissions for review. Students have one year from the first semester they are re-admitted to request this review. The student will remain subject to the university policies on Academic Probation, Suspension, and Dismissal.

The following conditions will apply when a student accepts academic renewal:

- All college enrollments will be listed as part of the student's UNO academic record.
- No work taken prior to the three-year period will be counted in the student's hours earned or grade point average at UNO.
- All semesters for which academic renewal is accepted will have the notation "Academic Renewal Declared on Credits Attempted."
- Credits earned prior to the date that academic renewal is accepted will not be counted to satisfy UNO graduation requirements.
- Grade point averages computed to determine eligibility for degrees with honors, for membership in honorary or professional societies, or for UNO based scholarships will be based on all college work attempted including the work on which the student has declared academic renewal.

Process:

- When a student who has been out of school for more than three years and accrued less than 2.00 grade point average applies for re-admission, their application will be referred to the appropriate college (e.g., College of Sciences, College of Business, etc.) by their admissions counselor.
- The college office will then contact the student to set up an interview to discuss academic renewal and the implications of accepting or rejecting it. Once the student has made a decision and the Academic Renewal Form has been signed, the college office will notify the admissions counselor whether the student: a) accepts academic renewal, b) declines academic renewal, or c) was never offered academic renewal. The college will recommend to the admissions office that the student be: a) admitted, b) admitted on academic probation, c) admitted as an exception, or d) denied admission. If the college recommends that the student be admitted as an exception, the Director of Admissions must approve. Students who are admitted without academic renewal and have a cumulative gpa below 2.00 will be admitted on academic probation.
- If the student accepts academic renewal, this will be noted on financial aid files as all prior work is used to compute a student's satisfactory academic progress (SAP). Changes on a re-entry student's record will be made by the Registrar's office after the student has enrolled.

Students who accept Academic Renewal may still acquire credit by taking and passing advanced standing examinations, placement tests, and credit examinations as long as the student is not within completion of the last 30 hours of the degree requirements.

Students should be aware that Academic Renewal is an internal UNO policy. Most other schools, including graduate and professional schools, will use all

college work attempted in determining whether an applicant is eligible for admission.

Academic Renewal at another University

A student who has enrolled at another regionally accredited institution of higher education under an academic renewal plan (e.g., academic amnesty or bankruptcy) may be considered for Academic Renewal at UNO provided that:

- The academic renewal plan at the previous institution meets all the provisions of the academic renewal plan at UNO;
 - The petition for Academic Renewal is submitted for approval to The Office of Admissions and subsequently to the student's Academic College.
- Credits earned since the student entered the program at a previous institution will be evaluated in the same manner as credits for other transfer students. Please contact Office of Admissions for further information about academic renewal and scholastic amnesty.

Academic Standing

Scholastic regulations embody the academic standards of a university. The application of the following regulations is directed toward upholding the standards of this University - specifically, to impose the requirement of satisfactory academic progress.

The academic regulations set forth the conditions for Good Standing, Probation, and Suspension/Dismissal. These regulations are intended to be consistent with the following objectives:

- To indicate to the student, at an early date and with regularity, that achievement below the standards required for graduation is regarded as unsatisfactory.
- To allow the first-time freshman the opportunity to remain a student until he/she has attempted two enrollments.
- To give the student who performs poorly a warning which may prompt him or her to seek timely help from instructors, counselors or other appropriate sources.
- To provide the student whose record shows that ultimate success in the University is in doubt with a trial period to prove that he/she is able to make reasonable academic progress.
- To prevent the student who lacks the required motivation or maturity from building a deficiency of quality points so great that it cannot later be overcome.
- To state the standards and the consequent results of inadequate scholastic performance clearly enough that students, parents, faculty, and administrators can know the academic action (if any) which would follow from a particular academic record.

Academic Good Standing

When a student's cumulative (overall) grade point average (CGPA) is above 2.00, the student is in good academic standing.

Academic Warning

When a student's cumulative (overall) grade point average (CGPA) is above a 2.00, but the student's current (most recent term) grade point average (TGPA) is below a 2.00, the student is on academic warning.

Academic Probation

When a student's CGPA is below a 2.00, the student is on academic probation. The student remains on academic probation until the CGPA of 2.00 is achieved. The student on academic probation is suspended from the University at the conclusion of any semester (Summer included) in which he/she fails to earn a TGPA of at least a 2.0.

Academic Suspension

Undergraduate students on academic probation will be suspended from UNO at the conclusion of any semester (Summer included) in which they fail to earn a TGPA of at least a 2.00. First-time freshmen admitted in good standing will not be suspended prior to the completion of two semesters of enrollment.

- A student suspended for the first time at the end of the Spring semester (only) may attend summer school. If the student raises their CGPA to 2.00 or higher, they are placed in good standing and their suspension period is lifted. The student may then attend the Fall semester. If the student does not raise their CGPA to 2.0 or higher in the Summer session, the suspension for the Fall semester is in effect. In this case, only one suspension is counted against the student.
- An undergraduate student suspended from UNO may not earn degree credit from another 4-year university but may enroll in a community college. To

ensure minimal or no loss of credits upon return to UNO, the student should consult with his/her advisor regarding the choice of courses to be taken at the community college. Credits earned under these conditions may be accepted for a degree at UNO provided grades of "C" or higher are earned in each of the courses to be transferred.

Academic Dismissal (Indefinite Academic Suspension)

Undergraduate students earning a second academic suspension at The University of New Orleans are placed on indefinite academic dismissal which will be for a period of one calendar year from the date of the last term in which the academic action was accrued.

Any student who is not permitted to re-enroll for continuing semesters must apply for re-admission to the University through the Office of Admissions upon completion of the prescribed period of absence. Prior admission decisions will not guarantee re-admission to the University.

Advanced Standing

Credit Limitation

Credit from all forms of advanced standing examinations and from bypass credit cannot exceed 30 hours. This credit cannot be used to reduce the University's minimum residence requirement.

Advanced Credit (Other)

Advanced credit may be awarded for certain subject examinations completed through the College Level Examination Program (CLEP) and for non-collegiate courses recommended for credit by the National Guide to Credit Recommendations for Non-Collegiate Courses. Credit so earned may or may not be applicable to the student's degree program; final determination will be made by the student's Dean.

Bypass Credit

In some departments, initial placement in sequential courses is based upon level of achievement from earlier training, as measured by scores on American College Testing program or departmental tests. Students who secure placement above the normal beginning level in this way may petition for credit in the courses bypassed contingent upon earning a satisfactory score on the departmental bypass test. No credit is allowed for remedial courses bypassed. More information is available on the department websites. Completion of assessment for bypass credit must be completed prior to earning 60 academic credits or by the end of the first semester at UNO.

Advanced Placement Examinations

Advanced placement and credit will be granted in appropriate subjects to students who have taken the Advanced Placement Examinations of the College Entrance Examination Board (CEEB). When the student has achieved a grade of four (4) or five (5) on the advanced placement examination, credit will be granted; when the grade is three (3), the decision regarding credit will be referred to the judgment of the individual department. Questions concerning the recording of these grades should be directed to the Office of Admissions.

Advanced Standing Examinations/Credit Examinations

Students of superior ability and preparation and students who have already gained fundamental knowledge of subjects offered at the University may be permitted to take Advanced Standing Examinations in specific courses which, if passed satisfactorily, will enable the student to receive degree credit. Advanced Standing Examinations are also referred to as 'Credit Examinations'.

Requests for permission to utilize such examinations are initiated in the College Office of the school or division in which the student is enrolled, and permission may be given subject to the following conditions:

- Credit by Advanced Standing Examinations cannot be used to reduce the University's minimum residence requirement;
- The student must have been admitted to the University and must be in Academic Good Standing. If the examinations are taken while the student is not enrolled in the University, credit will be granted when he/she is registered for resident study.
- In requesting authorization to take an Advanced Standing Examination, the student must obtain permission from the Chair of the Department offering the

course and the Dean of the College in which the course is taught.

- A student may not take an Advanced Standing Examination in a course which he/she has audited, nor in which a grade has been earned. A student may take an Advanced Standing Examination in a given course only once.

The administration of the examinations is also subject to the following regulations:

- The examination must ordinarily be taken and the grade submitted within 30 days of the date of initiation of the request.
- If a grade of C or higher is earned on the examination, a mark of P and regular credit in the course is entered on the student's record. If a grade lower than C is earned, only the fact that the examination has been attempted will be recorded; credit will not be allowed. Credit earned through Advanced Standing Examinations will not be used in computing the student's Grade Point Average.
- Advanced Standing Examinations are given free of charge to the student planning to enroll at UNO as a freshman, and until the final date for dropping courses without receiving grades for the first regular semester in which he/she is enrolled either part-time or full-time as a first-year student. All other students must pay a fee of \$20 per course.
- Students who request to take a Credit Examination after the first day of the 2nd semester of their freshman year pay \$100 per credit hour in addition to the departmental fee of \$20 per course.

A special invitation-only program is conducted during the spring of each year in which prospective freshmen who meet certain minimum ACT score qualifications come to the campus and take Advanced Standing Examinations in one or more subjects. There is no fee for these exams and

credits earned will be entered on the student's record after official enrollment at UNO.

Advanced Standing - Validation of Advanced Placement

The validity of placement must be established by passing the next course in the sequence with a C or better grade (on the first attempt). Detailed information may be secured in the College Office of the major or division in which the student is enrolled.

Appeals

Grades

The grade appeal policy provides the student with a safeguard against receiving an unfair final grade in a course, while at the same time respecting the academic freedom of the instructor which is vital to the integrity of the teaching process at The University of New Orleans. The course final-grade appeal process strives to resolve a dispute between student and instructor in the assignment of a course final grade at the collegial level. The intent is never to embarrass or disgrace students or instructors, nor to assess penalty or retribution on any party when mistakes are discovered, but instead to provide a neutral forum for the discussion of differences of opinion. Every student has the right to have a request for consideration of his/her final grade reviewed by the Chair of the department and a departmental Grade Appeal Committee. The course final-grade appeal is confined to charges of unfair action against an individual student and may not involve a challenge of an instructor's class grading standard. It is incumbent on the student to substantiate the claim that his/her final grade in the course represents unfair treatment, compared to the standard applied to the remainder of the class. Only the final grade in a course may be appealed. Grade appeals must be initiated within one semester of the end of the academic semester in which the grade was earned. The grade appeal process begins with the professor who issued the grade. Should further arbitration be necessary, the student should speak to the department chair for further resolution options. See the Student Handbook for the appeal procedures.

Other Academic Appeals: Policies and Regulations

When extraordinary circumstances compel a student to request an exception to University Policy or Regulations, the student must petition the Committee for Student Appeals, a standing committee of the Office of Academic Affairs, for exception.

- Requests for exceptions must be made within one year following the end of the semester that is being appealed.
- Students may not petition for exceptions after graduating.
- All committee procedures are confidential, respecting the privacy of the student.
- Committee decisions are final.

The regulations and procedure for appeal can be found on the Registrar's Website at <http://new.uno.edu/registrar/forms/appeal>.

Attendance

Regulations

Faculty are required to state, in writing, their expectations regarding class attendance. Faculty are expected to work with students to allow for completion of classwork and assignments if the student's absence results from his/her required participation in a University- sponsored activity provided that, prior to the absence, the student makes arrangement to complete all missed work.

All students are expected to regularly and punctually attend classes in which they are enrolled. Failure to do so may jeopardize a student's scholastic standing and may lead to suspension from the University. Students must review the attendance requirements of the course in which they are enrolled. Students are required to log in to each online course by the second day of the week in which the course officially begins or the day of enrollment during the late registration period to complete the initial postings required in the course. Students are strongly advised to check e-mail daily in addition to logging in to the course on a regular basis. Students are responsible for the effect absences have on all forms of evaluating course performance. The student is responsible for arranging the allowed make-up of any missed work.

Student Attendance Policy

Class attendance is vital to academic success at the college level. Students are expected to attend all regularly scheduled classes with few exceptions. Faculty have full discretion to create an attendance policy for their classes as they feel appropriate. The attendance policy for each class should be in writing and included in the course syllabus. It should also be communicated to each class at the beginning of each term. This policy should include, but is not limited to, the penalties for unexcused absences and any policy regarding makeup assignments and examination. The university recognizes the situation wherein a student's absence may be classified as an excused absence. An excused absence does not relieve the student of any course work obligations, but instead, faculty are expected to give the student the opportunity to reschedule or accommodate missed work in a timely manner. The university accepts the following circumstances as justification for an excused absence:

- Military Service
- Jury duty
- Death of immediate family member
- Religious holidays (maximum 4 days per semester)
- Representing the university as part of university sponsored organization
- Absences due to significant illness
- Absences related to a documented disability and part of a Student Accommodation Agreement issued from the Office of Student Accountability and Disability Services.
- Absences as part of academic remedy for a student in Title IX cases when requested by a Title IX Coordinator.

Faculty have the right to receive verification of any of the above circumstances. Students are required to give as much advance notice as possible of any of the above circumstances. Furthermore, students are required to make arrangements to fulfill class requirements with faculty within a week of an excused absence and faculty are expected to accommodate for this. In addition, the number of excused absences should not exceed 25% of total classes.

Military Service Mobilization/Activation

The University of New Orleans complies with Board of Regents and University of Louisiana Policy (S-II.XXII.1a) regarding the mobilization of National Guard, reservists, or other military personnel who are attending classes. Academic implications and refund schedules regarding tuition and fees are discussed in these policies.

The University is committed to supporting its students qualifying for these services. Students called to active duty or mobilized for any reason should contact the Office of Veteran's Affairs (even if they are not receiving VA benefits) for information and further instruction.

Catalog Year

The maximal period of time for which the provisions of any Catalog may be considered valid is seven years. Students who began a degree program seven or more years prior to the date of their anticipated graduation must consult their academic dean to determine which Catalog must be followed.

The university will make a reasonable effort to honor the requirements in the student's catalog year. However, because courses and programs are sometimes changed, the university shall make the final determination of whether degree requirements are satisfied.

Degree-seeking students

Degree-seeking students (new and transfer students) must adhere to the requirements for an undergraduate degree based on the University Catalog at the time of entry into the university. This catalog may be used for a maximum of seven years provided enrollment is not interrupted for two or more consecutive regular semesters not including summer sessions.

Degree-seeking students whose enrollment is interrupted for two or more consecutive semesters must reapply to the university and follow the requirements in the catalog at the time of readmission.

Transfer students with a Louisiana Transfer Associate Degree

Degree-seeking transfer students who have completed a Louisiana Transfer Associate Degree may use the University Catalog in effect at the time of their first entry into an approved Louisiana Community College. The transfer to UNO must be made within three years of their first entry into the community college and provided enrollment has not been interrupted for two or more consecutive regular semesters, not including summer sessions.

Changing catalog year, changing major within a college, or changing colleges

Students changing from one major to another must meet the requirements in the catalog in effect at the time of the major change.

Students may change their catalog year or major at any time; however, after the term census date (listed on the academic calendar), the change of catalog year or major will be made effective for the next available term.

Adding a major, minor and/or concentration

Students may change their Program of Study/Major at any time; however, after the census date of a given semester (listed on the academic calendar), the change of Program of Study/Major will be made effective for the next available term. All Major, Minor, Concentration or Option changes should be declared at least one semester prior to the expected graduation term. Additional Majors or Minors can be dropped at any time.

Classification of Undergraduate Students

Classification of undergraduate students is made, and revised as necessary, in the Office of the Registrar based on the number of credits earned.

The rules governing the classification of undergraduate students are:

- Freshmen: Students having fewer than 30 hours of credit (0 - 29.99).
- Sophomores: Students having at least 30 hours of credit (30 - 59.99).
- Juniors: Students having at least 60 semester hours of credit (60 - 89.99).
- Seniors: Students having at least 90 semester hours of credit (90+).
-

Code of Student Conduct

Please refer to the following link:

<http://www.uno.edu/student-affairs/student-policies/index.aspx>

Concurrent Registration

A student registered at UNO may not automatically receive degree credit at UNO for any work taken concurrently at another college or university or by correspondence study. Any work taken concurrently at another college or university is subject to UNO's transfer articulation policies and evaluation criteria. Students must have approval from their college dean before seeking concurrent enrollment. The approval will be stored in the College Office.

Contact Information

Students are responsible for accurately maintaining their demographic contact information via the University's web portal - WebSTAR. The University considers each student's school/UNO email address as the official, formal contact point. All official university correspondence will be sent to this address.

Students should further maintain their physical addresses via WebSTAR as there are periodic occasions when students will be contacted via United States Postal Service. The University considers all correspondence mailed to a student at their email or physical address currently on file to have been received unless it is returned to the sender.

Credits and Semester Hours

In accordance with Federal guidelines, The University of New Orleans defines a credit hour as: (a) the amount of student time investment that reasonably approximates one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work for approximately fifteen weeks for one semester or (b) at least an equivalent amount of work as outlined in (a) for other academic activities as established by the University including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours. In accordance with commonly accepted practices in higher education, UNO operates on a 50-minute hour for this definition.

For each course, the course syllabus will document the amount of in-class (or other direct faculty instruction) and out-of-class work required to earn the credit hour(s) assigned to the course. Out-of-class work will include all forms of credit-bearing activity, including but not limited to assignments, readings, studying, observations, conducting research, writing, and musical practice.

Where available, the university grants academic credit for students who verify via competency-based testing, that they have accomplished the learning outcomes associated with a course that would normally meet the requirements outlined above (e.g. AP credit, CLEP, and departmental exams).

Armed Services Courses

Many military educational programs are not directly usable in university degree programs because the focus is too narrow and pragmatic. On the other hand, some service schools provide instruction which may be equated with university work.

When the student presents the Office of Admissions with an official record of completion of a course at a service school, a notation will be made on the student's evaluation sheet in accordance with the recommendation of the Guide to the Evaluation of Educational Experiences in the Armed Services prepared by the American Council on Education. Credit for such courses may or may not be applicable toward the student's degree program; this will be determined by the student's Dean.

Correspondence and Extension Work

Each college fixes the amount of degree credit it will accept in correspondence or extension courses. In no case will a College accept more than 30 hours of work in this category. In all such work presented for degree credit, the same requirements as to grades and quality points must be met.

Experiential Learning

The University does not evaluate experiential learning portfolios. However, for non-traditional educational programs, credit may be awarded on the basis of the successful completion of an appropriate advanced standing examination. Discretion for giving such an examination belongs to the individual academic department. In addition, formal education programs sponsored by non-collegiate organizations (business, industry, government, voluntary, and professional agencies) may be awarded credit if recommended by the American Council on Education.

Credit Limitation

Combined credit from advanced standing examinations, bypassed credit, armed services credit, correspondence/extension, and American Council on Education recommended credit work cannot exceed 30 hours.

Repeated Courses

When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless,

- the catalog description indicates that the course may be repeated for credit, or
- the student's Dean gives prior approval for documented extenuating circumstances.

Credit from Other Institutions

Through the Office of Academic Affairs, the University Registrar and the Director of Admissions share responsibility for the admission of transfer students and the acceptance of transfer credit as applicable toward the degree at the University of New Orleans. The University of New Orleans transfer admission policies abide by Board of Regents Policy, the Undergraduate Catalog, the Graduate Catalog, and are posted on the Office of Undergraduate Admission and the University Registrar's website.

Undergraduate Admissions

An undergraduate transfer applicant should request each college or university he or she has attended to send a transcript to the Office of Admissions. Upon receipt of all transcripts, the previously earned credit is reviewed and a Cumulative Grade Point Average is determined for purposes of admission. Once admission has been determined, those credits are then evaluated for application toward those courses making up the degreed program of study. The University of New Orleans will only apply the credit earned from the transferring institution and not the quality points of the credit earned from the transferring institution toward the calculation of the UNO Cumulative Grade Point Average (CGPA) used in the calculation of Satisfactory Academic Progress. Additional information may be found at the following sites:

- <http://www.uno.edu/admissions/apply/transfer/transfercollegecredit.aspx>
- <http://latransferdegree.org/>

Courses evaluated by The University of New Orleans for credit earned from regionally accredited institutions carry the grade earned at the institution where the courses were taken if the grading system used is comparable to UNO's grading system. However, credits earned at foreign colleges and universities carry the grade of "P." Technical and vocational credits, credits for varsity sports, or credits from non-accredited institutions are not accepted.

The extent to which any transfer courses may be applied toward a degree at UNO is determined by the Dean of each College. A transfer student may complete requirements for graduation in the UNO Catalog in effect at the time of initial enrollment unless the student elects to change to another curriculum or there is a break of one semester or more in attendance at UNO.

Students who wish to transfer credits to UNO which were earned in a nontraditional manner (i.e., College Level Examination Program Subject or General Examinations, Advanced Placement, or Departmental Examinations), will have these evaluated by the Office of Admissions. Credit will be granted for Departmental Examinations and College Level Examination Program Examinations if the course(s) are listed on the student's official transcript with a passing grade or the equivalent, and are within the policies for credit at the University of New Orleans. Advanced placement credit will be given in areas in which UNO normally grants such credit as shown elsewhere in this Catalog.

Transfer students who have question(s) concerning their transfer evaluation may request a review of the evaluation by their academic dean, their department head, the Director of Admissions, and/or the head(s) of the department in which the course(s) are offered at UNO. Requests must be made in writing to the Director of Admissions and must list the specific course(s) in question. The student may be required to furnish course descriptions and may be required to describe course equivalencies with appropriate college or department personnel.

In order to facilitate a more efficient transfer of courses among public colleges and universities, the Louisiana Board of Regents has established a Master Course Articulation Matrix. This matrix indicates transfer equivalencies of courses among Louisiana's public college and universities, and may be accessed through the Board of Regents' webpage at <http://regents.la.gov>. It remains, however, the prerogative of the receiving institution as to whether a course will count toward a particular major, whether a particular grade is required, or whether the course will satisfy general education requirements. Students should therefore always contact UNO prior to transferring courses.

Limitations on Community or Junior Colleges

All academic hours earned at a community or junior college will be posted on the UNO transcript upon the student's transfer. However, the maximum number of hours transferable from a community or junior college for degree credit is sixty (60). No credit earned at a community or junior college may be used for credit at the 3000 or 4000 course level. The University of New Orleans will apply the quality points of the credit earned from the transferring institution toward the calculation of the UNO Cumulative Grade Point Average used in the calculation of Satisfactory Academic Progress.

Cross-Enrollment

Through separate formal agreements between UNO and Southern University in New Orleans and Delgado Community College and Elaine P. Nunez Community Colleges, UNO students may register for a limited number of classes at each of these institutions when they register at UNO. Students should contact the Office of their College Dean or the University Registrar for information regarding the procedures to be followed in this process.

Courses

Course Level

1000 - Primarily introductory and beginning courses. Prepare students by developing foundational knowledge and skills. Emphasize recall of basic concepts and facts. Primarily freshmen/sophomores.

2000 - Intermediate-level courses, usually with no more than one 1000-level prerequisite, or survey courses devoted to the discipline. Emphasize explanation of ideas and concepts. Primarily freshmen/sophomores.

3000 - Advanced-intermediate-level courses in the major; expose students to specialized concepts and techniques to the discipline. Emphasize applying information in new situations. Primarily juniors/seniors.

4000 - Advanced-level courses in the major. Emphasize synthesizing knowledge and mastering skills in the discipline. Primarily juniors/seniors.

5000 - Entry-level graduate courses. Emphasize mastery and independent application or production of scholarly knowledge and skills in the discipline. May be offered jointly with 4000-level courses but differentiated requirements for students enrolled in 5000 section required. Not open to undergraduate students except seniors admitted to an Accelerated Master's Program.

6000 - Advanced graduate courses. Require students to master and synthesize disciplinary knowledge and theoretical concepts. May not be offered jointly with 4000-level courses. Not open to undergraduate students except seniors admitted to an Accelerated Master's Program.

7000 - Independent graduate study. Emphasize the synthesis of advanced knowledge and techniques and the creation of new knowledge in scholarly and/or professional settings. Restricted to graduate students.

Course Load

The normal full-time student load in a regular semester should range between 12 and 18 credit hours. The normal full-time freshman load in a regular semester should range between 12 and 15 hours. Mini-sessions offer courses offered in a compressed schedule, with a correspondingly accelerated pace.

In the regular summer term, the full-time load is between 6 and 12 credit hours. Students taking courses in mini-sessions during the summer may enroll in a maximum of 6 credit hours in each session.

Students are encouraged to consult their academic advisor to determine a course load that best meets their academic preparation. Students with an at-risk Cumulative GPA may be advised to limit their academic load to fewer than 15 hours. Students on Academic Probation are limited to enrolling in 14 hours in Fall or Spring semester and 7 hours in Summer.

Students may enroll in a maximum of 21 total credit hours (including full and compressed sessions) per semester. Students requesting to enroll in more than 19 credit hours must meet the following criteria: (a) have permission of their Dean; (b) have a cumulative GPA of at least 3.00; and (c) have not had a grade below C in any course during the preceding semester.

Students who register for fewer than 12 credit hours or drop below 12 credit hours during fall and spring semesters (6 in the summer session) will be considered part-time students.

Grades

Grade Reports

The University reports grades at mid-semester and at the end of each semester for all students. Only the grades reported at the end of the semester (final grades) are used in the computation of the student's grade-point averages. Mid-semester grades are simply an indication of the student's progress and are not calculated in the summer session. The University does not mail final grade reports. Students may access their grades through WebStar.

Cumulative Grade Point Average

A student's cumulative grade-point average (CGPA) is calculated by dividing the total number of quality points earned by the total number of semester hours attempted. (See Undergraduate Grading System in this chapter for the quality points assigned to each final grade.)

Term/Semester Grade Point Average

A student's Semester/Term grade-point average (TGPA) is calculated by dividing the total number of quality points earned in the semester by the total number of hours attempted in the semester.

Grading System

The following is a general overview of the UNO grading system:

- A The grade of A has a value of four quality points per semester hour and is given for work of the highest degree of excellence.
- B The grade of B has a value of three quality points per semester hour and is given for work of a high degree of excellence.
- C The grade of C has a value of two quality points per semester hour and is given for satisfactory work.
- D The grade of D has a value of one quality point per semester hour and is given for passing but marginal work.
- F The grade of F does not earn quality points. This grade is given for work failed.
- XF Failure and poor attendance. The grade of XF does not earn quality points and is treated the same as an F.
- P Passing. Assigned for satisfactory work taken by advanced standing examination, for satisfactory completion of certain noncredit courses, and for satisfactory completion of courses taken on a pass-fail basis. This grade does not carry quality points and is not used in computing the official grade average of a student.
- U Unsatisfactory. Assigned for unsatisfactory completion of courses taken on a pass-fail basis. Credit hours for which a grade of U is recorded are not used in calculating the student's average.
- XU is treated the same as a U. The grade indicates failure as well as poor attendance.
- W Withdrawal. This grade is earned when a student drops a course or resigns from the University during the "W grade" period. Credit hours for which a grade of W is recorded are not used in calculating the student's Cumulative Grade Point Average.
- UW Administrative withdrawal from a semester/term. This grade is administratively awarded only when a student stops attending all classes for the semester/term as noted by faculty attendance records. This grade is not used in calculating a student's grade point averages.
- I Incomplete. Awarded for work of passing quality but which, because of circumstances beyond the student's control, is not complete. The issuance of the grade of I is at the discretion of the faculty member teaching the course. A grade of I becomes a grade of F if it is not converted before the deadline on the University Calendar. Students may not re-register in a course for which a grade of "I" has been assigned to them. Students may not register in any course that requires a course for which a grade of "I" has been assigned to them (example - you may not register in ENGL 1158 if you have received a grade of "I" in ENGL 1157).
- NG No Grade. Not calculated in the GPA and no units are earned. Used for multi-term courses.

Suspension of a Grade (Undergraduate students only)

Students who repeat a course in which they receive a D, F, or XF may have the subsequent grade replaced and suspend the prior grade(s) in their UNO GPA, unless the subsequent grade is lower than or equal to the prior attempt(s). The official academic record (transcript) will indicate this suspension and will show in the academic summary a grade-point average calculated on the basis of the total number of hours attempted.

Class rankings, graduation honors, and eligibility for UNO academic honors programs are determined on the basis of the grade-point average for all credits attempted including those suspended. The suspension of credit is an internal policy of The University of New Orleans and may not be recognized by other universities.

Special Topics courses cannot be suspended unless it can be verified that both attempts were taken under the same topic title.

*Active students may request to have prior courses suspended under the new policy. Students may not suspend courses completed during a previously conferred UNO degree.

Majors, Minors, Concentrations, Options

Majors

A major is that part of a degree program which consists of a specified group of courses in a particular discipline or field, consisting minimum of 25% or more of total hours required in the Program of Study. A minimum of 50% of the courses included in the major requirements must be at the 3000+ level. A minimum of 50% of the credit hours used to satisfy the major requirements must be taken at The University of New Orleans.

Concentrations and Options

A Concentration is an alternative track of courses within a major, accounting for at least 30% of the major requirements. An Option is an alternative track of courses within a Major, accounting for 50% to 80% of the major requirements. Specific requirements for the concentrations and/or options offered may be found in the degree requirements explanation for a specific major.

Minors

A Minor is that part of a Degree program which consists of a specified group of courses in a particular discipline or field, consisting minimum of 15% or more of total hours required in the Program of Study. A minimum of 50% of the courses included in the minor requirements must be at the 3000+ level. A minimum of 50% of the credit hours used to satisfy the Minor requirements must be taken at The University of New Orleans.

Declaring Majors

Students must declare an academic Major by the time they earn 45 credit hours. Transfer students must declare an academic Major within one semester of enrolling in the University.

Adding or Changing a Major/Minor/Concentration. Changing Catalog year.

The catalog year for a major or minor is determined when the student declares the major or minor. If the major or minor is declared before the term census date (listed in the academic calendar), the requirement term is for the current term. If the major or minor is declared after the census date, the change and requirement term is made effective for the next available term.

The requirement term determines which catalog the student follows for that particular major or minor. The academic/catalog year runs fall/spring/summer, so the Fall 2021, Spring 2022 and Summer 2022 requirement terms all use the Fall 2021 catalog. (In general, curricula changes in the catalog do not occur mid-academic year.)

Students may update their catalog year at any time; however, after the term census date (listed on the academic calendar), the change of catalog year will be made effective for the next available term.

If the student chooses to add or change a concentration/option/subplan to an existing major, the requirement term for that major does NOT change unless the concentration/option/subplan does not exist for the original requirement term. (For example, if Chemistry added a new concentration to the Fall 2022 catalog, a Chemistry student who was on the 2020 catalog would need to update to the 2022 or beyond catalog to add that concentration.)

Minors, concentrations or additional majors can be dropped at any time.

Degree Audit

The University of New Orleans offers a comprehensive Degree Audit through WebStar (accessed through the student's Advising Center). The Degree Audit is an 'electronic map' of all the Programs of Study offered at the University of New Orleans. The Degree Audit enables a student to not only view the courses required to earn their particular degree, it also applies those courses earned toward the degree - ultimately allowing the student to view their academic progress in 'real time' in an electronic format. Additionally, a student can perform a 'What-if' analysis using the Degree Audit to determine how those credits they previously earned might be utilized in a different Program of Study, should they choose to change their Major. Students are encouraged to use this self-advising tool as it will always be used as the university's official certification toward fulfillment of graduation requirements.

Degree Requirements

Undergraduate

In accordance with University of Louisiana System policy (Chapter II, Section VIII, Baccalaureate Degrees Requirements), in order to earn a Baccalaureate degree from UNO, students must achieve the following:

- Earn a minimum of 120 credit hours, including at least 25 percent of the credit hours for the degree through instruction offered by the University*.
- Achieve a grade point average of 2.00 or better in:
 - all work attempted (the cumulative grade point average, or CGPA),
 - all work taken at UNO, the UNO CGPA or UGPA), and
 - the major subject (the degree grade point average or DGPA).

Credit hours are distributed among three categories: 1) General Education (Core) requirements, 2) Other requirements and 3) Major requirements .

- General Education (Core) coursework is mandated by the Louisiana Board of Regents and account for a minimum of 30% of the total credit hours required to complete the Program of Study. We recommend completing these requirements during the freshman and sophomore year. Specific requirements related to general education courses are explained in more detail here. [UNO General Education](#)
 - Major requirements comprise a minimum of 25% of the total credit hours required to complete the Program of Study although each Program of Study determines the number of credit hours required in this category. This category of degree requirements consists of a specified group of courses in a particular discipline(s) or field(s). A minimum of 50% of the courses included in the major requirements must be at the 3000+ level. A minimum of 50% of the credit hours used to satisfy the major requirements must be taken at The University of New Orleans.
 - Other coursework requirements vary according to the degree pursued. In general, courses in this category include college and/or program-specific requirements for the Program of Study, and courses that serve as a prerequisite for other courses included in the major requirements of the selected program of study.
- Students pursuing a Major cannot earn a Minor in the same field subsequent to the Major, if it has been previously earned. Students cannot pursue a Major or Minor in the same field simultaneously.

Some degree Programs of Study include additional requirements such as satisfactory performance on one or more assessments, licensing examination scores, completion of an internship or capstone experience, or other elements included in the Program. Specific requirements may be found in the appropriate section of the catalog describing a specific major.

*No more than 60 hours required for the completion of a degree program may be transferred from a community or junior college

Graduation Requirements

General

A student must meet all the requirements for a degree in one Catalog. A student is assigned their Catalog (by year) corresponding to their initial enrollment to the University. A student who breaks enrollment (either voluntary or by compulsion) is assigned a new Catalog (by year) upon re-enrollment to the University. A student may elect to change their Program of Study/Major at any time during their academic tenure; the Catalog (by year) in force at the time of the Change of Program/Major will be the Catalog (by year) used to evaluate the student for satisfactory academic progress toward degree and/or graduation requirements. Students may not change their Major, Minor, Concentration or Option in the term of their graduation.

There are several requirements which must be completed by all students prior to graduation. The student must:

- Complete all academic requirements for a degree based on their Catalog. This includes the General Education requirements, Other requirements, and Major requirements of the particular Program of Study in which the student is enrolled;
- Attain a minimum Cumulative GPA of 2.0 (note: some Programs of Study require a higher minimum Cumulative GPA or a minimum GPA for the Major requirements);
- Ascertain, through the college of the Major, that his/her academic record is accurate and complete. This should be done not later than one semester prior to graduation;
- Submit an application to the Registrar's Office for the degree during the registration period of the last semester in residence. The student will be required to make this formal application and state the exact name to appear on the diploma;
- Pay the diploma fee. A student who has previously paid a diploma fee, but who failed to graduate at the time expected, must re-apply and pay the diploma fee again;
- Satisfy all assessment requirements associated with the student's Program of Study;
- Satisfy all financial indebtedness to the University cleared prior to graduation; and,
- Complete an exit interview for Financial Aid, if applicable.

A student who does not follow and complete the above requirements and procedures will not be allowed to graduate.

Residency

For all Bachelor's Degrees, the last 25 percent (typically 30 hours) of all coursework must be taken in residence while enrolled in the College from which the degree is to be earned. A transfer student or a student who enters with advanced standing from another university and becomes a candidate for a bachelor's degree at UNO must fulfill a minimum residence requirement of two semesters (or four summer sessions) at UNO and must earn at least 25 percent of the credit hours required for the degree through instruction offered by the University.

A minimum of 50% of the courses included in the major requirements in a UNO Program of Study must be taken at The University of New Orleans. No credit earned at a community or junior college may be used for credit at the 3000 or 4000 course level. Additional restrictions may apply. Students should discuss their residency requirements with their academic advisor or the college Dean's Office.

Substitutions and Waivers of Degree Requirements

Students are encouraged to discuss any deviation of prescribed coursework with their advisor.

A substitution is defined as a course outside of the prescribed curriculum that is used to substitute for a course that is within the prescribed curriculum. At The University of New Orleans, no more than five (5) courses may be substituted in a prescribed curriculum.

A waiver is defined as an exception to a required degree component. Each curriculum will be different with some curricula requiring external benchmarks such as meeting a minimum score on a required test and other curricula requiring a course or series of courses to satisfy a particular degree component and even other curricula requiring additional components. Waivers of degree requirements must be approved by both the Dean of the College as well as the Office of Academic Affairs.

Double Major in a Single Degree Designation

Students who wish to earn two majors simultaneously in the same college at UNO may do so, provided they:

- complete all requirements for each major,
- meet all quality point average and grade requirements applicable to each major,
- complete requirements for both majors before receiving the baccalaureate degree,
- Meet the residency requirement for each major (typically, the last 30 hours or 25% of earned credit hours must be taken at UNO - students should check with their College for specific requirements), and,
- the student cannot declare a minor in one of the major curriculum areas.

Any student who receives a baccalaureate degree after completing the requirements for only one major must comply with the guidelines for a second baccalaureate degree.) Students wishing to double major in subjects in different colleges may do so provided both majors lead to the same degree designation (e.g., Bachelor of Arts, Bachelor of Science, etc.

Earning two degrees simultaneously at UNO

Students who wish to earn two baccalaureate degrees at UNO simultaneously may do so, provided the majors have different degree designations (e.g., Bachelor of Arts, Bachelor of Science, etc.) and they:

- complete all requirements for both degrees,
- meet all quality point average and grade requirements applicable to both degrees,
- develop degree plans with both colleges if the two degrees being sought are in different colleges,
- meet the residency requirement for each degree major (typically, the last 30 or 25% of the earned credit hours must be taken at UNO - students should check with their College for specific requirements), and,
- students cannot declare a minor in the area in which the other baccalaureate is being earned.

Any student who receives a baccalaureate degree after completing the requirements for only one major must comply with the guidelines for a second baccalaureate degree.

Second or Subsequent Baccalaureate Degrees

Students who hold a baccalaureate degree from The University of New Orleans or from a regionally accredited institution other than UNO may earn a second baccalaureate degree by completing thirty semester hours at UNO that are in addition to the requirements for the first degree and by meeting all other requirements for the second degree.

Graduation with Honors

Baccalaureate degrees are awarded with honors on the basis of two criteria, the curriculum undertaken and grade-point average.

Latin Honors

The baccalaureate degree is awarded with honors to students who earn a minimum of 60 credit hours at UNO and who maintain a high grade point average. To be eligible for academic honors students must have a grade point average, including course grades eliminated through suspended grades and grades deleted by academic renewal, that fall within the ranges shown below, for courses taken at UNO. Graduation with honors applies to all

undergraduate degrees within the limitations set by the policy.

Summa Cum Laude CGPA = 3.90 - 4.00

Magna Cum Laude CGPA = 3.70 - 3.89

Cum Laude CGPA = 3.50 - 3.69

Academic Honors

College honors are awarded each semester with the publication of the Honor Roll, Dean's List, and president's list for each division, college, or school. To be included on the honor list, a student must have earned at least the following GPA for that semester (Term GPA) while attempting a full-time, in-residence schedule:

Academic Honor	Term Grade Point Average
Honor Roll	3.000 to 3.199
Dean's List	3.200 to 3.499
President's List	3.500 to 4.000

University Honors

To graduate with University Honors, students must fulfill the following requirements:

1. maintain a 3.5 GPA in their major and 3.25 CGPA overall;
- 2a. complete the six-credit hour senior honors thesis course in their major, or
- 2b. complete a senior honors project approved by the director of the University Honors Program;
3. complete the one-credit hour University Honors Program capstone course, A&S 4000, during the semester they intend to graduate.

Students who intend to graduate with University Honors should reach out to the University Honors Program office no later than the end of their junior year to discuss possible project options for the senior honors thesis in their major program or project otherwise connected to their academic interests.

Enrollment Classification

(A candidate for graduation may request to be classified as a full-time student in the semester or summer session during which he/she is scheduled to complete the requirements for a degree, even though the number of hours scheduled is less than that ordinarily required for classification as a full-time student. A student thus classified full-time is required to pay the fees appropriate to the full-time classification.)

Full-time Students

For undergraduate students:

- Fall and Spring - enrolled for twelve or more hours in total; special permission required to enroll in more than 19 hours
- Mini Session - enrolled for six or more hours in total; special permission required to enroll in more than 6 hours
- Summer - enrolled in six or more hours in total; special permission required to enroll in more than 12 hours

For graduate students:

- Fall and Spring - enrolled for nine or more hours in total*

- Summer - enrolled in six or more hours in total*

*See Graduate Section of the Catalog for additional information.

Part-time Students

Students who do not qualify as full-time students as defined in the section above are part-time students. A part-time student is subject to all University rules concerning registration, attendance, scholarship, and conduct. Students are considered half-time if they are enrolled for at least 6 credit hours but no more than 11 credit hours. Please consult with the Office of Enrollment Services to determine the impact of part-time status on Financial Aid awards.

Family Educational Rights and Privacy Act

The University of New Orleans complies with all guidelines as established in the Family Educational Rights and Privacy Act of 1974 (Public Law 93-380). This Act was designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal or formal hearings. Students have the right to file complaints with the Family Policy Compliance Office, U.S. Department of Education concerning alleged failures by the institution to comply with the Act.

University policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the following offices: Admissions, President's Office, Academic Affairs, Office of Business Affairs, Student Affairs, Student Personnel Records, each college/school/division/dean's office, each academic department office, and on the web at <http://academicaffairs.uno.edu/>. Questions concerning the Family Educational Rights and Privacy Act may be referred to the University Registrar.

Final Examinations

Final examinations are required and shall be held at the end of each semester/term or summer session in accordance with the schedule issued by the Office of Academic Affairs. When final examinations are inappropriate because of the nature of the course, exceptions to this requirement

may be made upon approval of the appropriate Dean and the Office of Academic Affairs.

Final Exam - Conflict Resolution

When a student is scheduled for three or more final examinations in one day, the student may request rescheduling of one of the examinations through his/her Dean. If one of the exams is a group final exam, then attempts to reschedule non-group exams should be made first. The Dean, Department Chair, and faculty member will make every effort to accommodate the student when such a request is made.

Final examinations for classes meeting at times other than those posted by The Office of the University Registrar will be scheduled during the week of finals at a time agreed upon by the faculty member and students. The Office of the University Registrar in conjunction with the Office of Academic Affairs are the final authority should agreements not be reached at the departmental level.

Course Registration

No one may register in any semester, summer session, or intersession after the official registration period indicated in the University calendar. The University does not guarantee that during a given semester a student will be able to schedule every class which he/she might be required to take or wish to enroll. No student will be permitted to remain in class unless the instructor has received from the University Registrar evidence of proper registration.

Adding and Dropping Courses

Courses may be "added" or "dropped" only during Registration or Late Registration for a given term.

Students may not drop a course after the published "last date to drop a course." Students who fail to drop courses by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester. A student may be dropped, at the discretion of the Dean of the College, from any course for which the student is ineligible.

Failure to attend class does not constitute a course drop. Course withdrawal reduces a student's enrolled hours, but not the student's financial obligation (see section on Withdrawal from the University).

Students are required to monitor the official University Student Calendar - traditionally found in the Office of the University Registrar (<http://registrar.uno.edu>) - regarding scheduling dates and their particular access to registration via their WebSTAR portal. Students should be aware there are differing dates and associated fees for registration actions (adding vs. dropping vs. auditing courses). Please consult [The Bulletin](#) for charges associated with dropping and adding courses.

Changing Course Sections

Section changes, if permitted, are subject to the same time limitations as the adding or dropping of courses. A section change requires dropping and adding a course and therefore falls under the same fee structure. Please consult [The Bulletin](#) for charges associated with dropping and adding courses.

Auditing Courses

Regularly enrolled students at UNO may be admitted to classes as Auditors by obtaining written permission from the Chair of the department in which the course is taught and the Dean of the College in which they are enrolled. Others must obtain official admission to the University in addition to obtaining permission, as indicated. The fee for auditing a course is the same as for enrolling for credit. Auditing fees are not refundable.

Once a student has audited a course, they will not receive university academic credit by any means of advanced standing, examination, or advanced placement on previously audited work. Students are allowed to enroll and receive academic credit for previously audited work by enrolling in the course for academic credit.

Students are allowed to audit courses in which they previously earned academic credit. Students may not change from audit to credit after the last day to add a course. With permission of their Dean, they may change from credit to audit within the first 15 class days of the semester (7 class days in the summer).

Statute of Limitations

In the absence of any designated time limits in documents on policies or procedures, the University imposes a time limit of one year for the initiation of any request for an exception to its rules or regulations.

Student Handbook

The University of New Orleans Student Handbook is an official student policy. The UNO Student Handbook describes what is expected of a student with respect to behavior and conduct in the UNO community and outlines the procedures to be followed when these expectations are not met. The Student Handbook includes the Code of Student Conduct as well as other rules, regulations and policies governing student life. Please refer to the following site:

<http://www.uno.edu/student-affairs/student-policies/index.aspx>

Student Identification Card

The University Computing Center issues to each student a permanent identification card, including a photograph, and a Privateer number. This card will be used for the entire duration of the student's enrollment at the University. The card is required for borrowing library books, cashing personal checks, admission to athletic and social events, selling used textbooks, Testing Services, meal plans, and other official purposes. Fraudulent use of the ID card will result in disciplinary action. The card is issued to the individual student and must not be loaned to another person for any reason.

Any University official having just cause has the right to request that a student show the identification card for identification purposes. Upon such a request by a University official, the student is required to comply.

Transcript of Record

The official permanent academic records for all UNO students are in the custody of the Office of the Registrar. Release of these records is protected by the "Family Educational Rights and Privacy Act." Transcripts of the academic record may be secured by the individual personally or will be released on the student's written authorization. Transcripts cannot be issued until the student or former student has settled all financial obligations to the University and has submitted all required transcripts from other colleges attended. A minimal fee will be charged for each copy of the transcript. Transcript processing requires a minimum of three working days. Official transcripts can only be released to a third party.

University Closures

If the University must close due to unexpected circumstances, faculty and students may have to make up missed class and laboratory time. In some circumstances resulting in closure of the University, the Provost will determine how classes will be made up. In other circumstances, the methods for making up missed classes and laboratories will be with extra assignments and readings, additional days of class or laboratory, additional class time, or in other manners to be determined.

University Discipline

The University of New Orleans expects of its students a high degree of honor in all phases of college life. It is the responsibility of all students to familiarize themselves with the rules and regulations governing student conduct as published whether in print or on the web, in the [UNO Student Handbook](#) and other official publications.

The authority structure for administrating the judicial code is the President, through the Vice President for Student Affairs to the Director of Student Advocacy. Please refer to the section on Judicial and Student Assistance in this catalog and to the [UNO Student Handbook](#) for more details.

University Success (UNIV Course)

All first-time full-time freshmen are required to enroll in and successfully pass UNIV 1001 during their first year of enrollment. Students meet in groups led by an experienced faculty or staff member and a peer mentor (an experienced student) for an in-depth review of skills and issues relevant to academic and personal success at the University. Topics include time management, effective note-taking and test preparation, campus diversity, and university resources. Enrollment is restricted to students with less than 30 hours of credit only. Enrollment is optional for transfer students within their 30 hours of credit at UNO. For more information about University Success, please visit <http://www.uno.edu/univ1001>

Withdrawal from the University (Resignation)

Students are responsible for initiating action to resign from the University (withdraw from all courses) on or before the last day to resign as indicated in the current Bulletin. After that date a student may not resign from the University. Students who fail to resign by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance.

Failure to attend classes does not constitute a resignation. Resignation eliminates a student's enrolled hours, but not the student's financial obligations.

Caution: Withdrawing from courses may have an adverse effect on financial aid, scholarships, loan deferments, athletic eligibility, health insurance, veteran's benefits, degree requirements, or other areas. Students considering course drops or resignation should first check with their advisor, College, and Enrollment Services to determine if this is really their best option.

Eligibility to Represent the University

No student will be permitted to represent the University unless he/she is classified as a full-time student. Students may participate as members, substitutes, or officers so long as they are enrolled for at least six semester hours unless otherwise indicated by a particular unit or organization. Organizations may include dramatic, literary, musical or other types including Student Government.

College of Business Administration

College of Business Administration

John A Williams, Dean

Mission Statement: The Mission of the College of Business Administration is to deliver a quality business education to our international, regional, and local communities through teaching, research, service to our stakeholders, and the effective use of technology. We will facilitate economic development and entrepreneurial activity, and adhere to the core values of continuous improvement, high ethical standards, and diversity in the educational environment.

The College of Business Administration offers the following four-year undergraduate programs of study: Accounting; Business Administration; Finance; Healthcare Management; Hotel, Restaurant, and Tourism Administration; Management and Marketing.

Theoretical and case study methods are employed to develop problem-solving and decision-making abilities which lead to the intellectual growth of business students preparing for positions of responsibility in the community. In order to produce this quality of graduate, the College has the specific objectives of:

- creating and maintaining curricula which provide a common body of knowledge in the field of business administration as well as a broad liberal arts and science background;
- instructing in a manner to instill lasting concepts and thinking ability;
- encouraging faculty research and development to maintain instructional relevancy to the present and future; and
- maintaining a continuing service to the civic and business community of the greater New Orleans metropolitan area.

Accreditation

The following undergraduate and graduate programs in business and accounting offered by the College of Business Administration, University of New Orleans, are accredited by the Association to Advance Collegiate Schools of Business (AACSB International):

Business, Bachelor of Science Degree

- Business Administration
- Finance
- Healthcare Management
- Hotel, Restaurant, and Tourism Administration
- Management
- Marketing

Business and Accounting, Bachelor of Science Degree

- Accounting

Master's Degree

- Master of Business Administration
- Master of Science in Accounting
- Master of Science in Tax Accounting
- Master of Science in Health Care Management
- Master of Science in Hospitality and Tourism Management

Doctoral Degree

- Ph.D. in Financial Economics

Minors in Business

The following minors in the College of Business Administration are available to all students:

- Accounting
- Economics

- Entrepreneurship
- Finance
- Global Business Studies
- Hotel, Restaurant and Tourism
- Information Systems Management
- Management
- Marketing

Requirements for these minors may be found under each major program description in the College of Business Administration section.

The following minor in the College of Business Administration is available to non-business administration students only:

- Business Administration

Requirements for the Bachelor of Science Degree

Students must earn a minimum of 120 semester hours and at least 50 percent of the business credit hours required for the business degree at the University of New Orleans.

Students transferring from another University are required to take at least 50% of the hours in their Major area in the College of Business Administration at UNO.

Students are also held responsible for knowing degree requirements, for enrolling in courses that fit their degree programs, and for taking courses in the proper sequence to ensure orderly progression of work. Each student is held responsible for notifying the college office of graduation plans at the beginning of the semester proceeding the student's final semester. At that point, a degree audit is prepared which outlines the student's current scholastic position and indicates the course requirements remaining for the degree.

Students in the College of Business Administration are strongly encouraged to complete ENGL 1158 with a C or better and MATH 1115 at the earliest possible time in their college career. Several required sophomore-level courses have these courses as prerequisites.

In addition to the general degree requirements (listed below), each student must complete the college degree requirements as follows.

General Education Course Requirements

Courses	Cr. Hrs.
MATH 1115 or MATH 1125, MATH 2785	6
Science ¹	9
Must include six hours of one science and three hours of another. One of the sciences must be biology and the other must be chemistry, earth and environmental sciences, or physics.	
English	6
ENGL 1157 and ENGL 1158 or ENGL 1159 with a grade of C or better.	
Arts ¹	3
Humanities ¹	6
Literature ¹	3
Social Sciences ¹	3

A student may use as electives no more than three hours credit taken in health and physical education courses, six hours taken in military science courses, six hours taken in religion, or a maximum of six hours combined credit in these three areas.

- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Business Administration Course Requirements

Courses	Cr. Hrs.
ACCT 2100 ACCT 2130 ACCT 3121 ACCT 3122 Accounting 2100, 2130 (or 3121 & 3122 for accounting and finance majors)	6 (9)
BA 2780	3
BA 3010 ¹	3
ECON 1203, ECON 1204	6
FIN 3300	3
MANG 2790, MANG 3401, MANG 3402, MANG 4480 ²	12
MKT 3501	3
QMBE 2786, QMBE 2787	4

- HRT majors take HRT 3016
- HRT majors take MANG 3467 in lieu of MANG 3402 and HRT 4000 in lieu of MANG 4480

Additionally, completion of the prescribed course of study in one of the following programs is required for the Bachelor of Science degree. All majors in the College of Business Administration must demonstrate their possession of global awareness. A 2.0 average must be earned in all courses taken at UNO in the student's Major as a requirement for graduation.

Division of Business and Economic Research

Since 1963, the Division of Business and Economic Research (DBER) has provided a wide range of research-related services to businesses, government agencies, media, nonprofit organizations, and concerned individuals. DBER has been a member of the Association of University Business & Economic Research (AUBER) since 1975.

The DBER publishes the Metropolitan Report: Economic Indicators for the New Orleans Area, a quarterly publication containing analysis of recent trends and the short term outlook for the New Orleans metropolitan area. Since Hurricane Katrina, these economic indicators are published in a highly anticipated anniversary edition.

The DBER provides statistical information from local, state, and federal governments and private sector sources. For information not covered within the DBER's vast data collection, a well-informed referral service is offered.

The DBER provides customized research services to organizations to facilitate strategic planning/problem solving. Principally known for its economic analysis and forecasts, the DBER also conducts: Economic Impact Analysis, Event Studies, Customer Profiles, Survey Design and Analysis, Customer Satisfaction Surveys, Industry/Market Analysis, Workforce Analysis, and Gambling Research.

The DBER, in collaboration with the School of Hotel, Restaurant and Tourism, comprises the Hospitality Research Center (HRC) at the University of New Orleans. The HRC is the Premier center for hospitality and tourism research in the nation and a Center of Excellence at the University of New Orleans. Research projects include: Visitor Profiles, Tourism Indicators and Forecast, Impact of Festivals on the Economy, Industry Salary Surveys, Convention Studies, Perception Studies, Convention Bookings Studies and Louisiana Tourism Conversion studies.

Hospitality Research Center

Approved by the Louisiana Board of Regents, the Hospitality Research Center (HRC) at the University of New Orleans is a collaborative effort of the Division of Business and Economic Research (DBER) and the Lester E. Kabacoff School of Hotel, Restaurant and Tourism Administration (HRT). The HRC is the **Premier** center for hospitality and tourism research in the nation and a *Center of Excellence* at the University of New Orleans. The HRC is consistently recognized for research productivity in the hospitality field. The function of the Hospitality Research Center is to provide a variety of research services to hospitality and tourism organizations for local, state and out-of-state clients. Research projects include: Visitor Profiles, Tourism Indicators and Forecast, Impact of Festivals on the Economy, Industry Salary Surveys, Convention Studies, Perception Studies, Convention Bookings Studies, Louisiana Tourism Conversion Studies and Sporting Event Studies.

Institute for Economic Development and Real Estate Research

The Institute for Economic Development and Real Estate Research combines the resources of the Center for Economic and Community Development and Real Estate Research Center to provide technical assistance and applied research for public, private and nonprofit organizations throughout its service area.

Center for Economic Development

The Center for Economic Development was established in 1978 as a joint effort of the state and federal government to work cooperatively with local agencies and non-profit organizations to create an environment which encourages economic diversification and growth. The Center has been engaged in a wide variety of research and technical assistance programs involving resources from within the College of Business Administration as well as other colleges and community service units at UNO.

The Center's website is www.ced.uno.edu.

Real Estate Research Center

The Real Estate Research Center was established to serve the real estate community as well as the general public. The three main areas of services offered by the Center are professional real estate education, primary real estate market data and contracted research.

The mission of professional real estate education is accomplished through continuing education courses and conferences, including the Annual Economic Outlook and Real Estate Forecast Seminar and Economic Development and Real Estate Outlook for the Northshore.

Market data has been published in the *Metropolitan New Orleans Real Estate Market Analysis* since 1978 and *Northshore Real Estate Market Analysis* since 2008 annually. It covers real estate market trends for apartments, office, retail, warehouse and industrial properties. The report also describes current trends for single-family and condominium housing by parish and Multiple Listing System (MLS) neighborhood. This analysis of the real estate market is distributed at the local, state and national levels.

The Center's website is www.realestate.uno.edu.

Master of Science in Engineering Management

The College of Business Administration cooperates with the College of Engineering in offering a Master of Science in Engineering Management. This program makes use of the expertise and resources of the faculty of both colleges. A full description of this graduate program may be found in the Graduate Programs in Engineering section of this catalog.

Graduate Major

Business Administration, M.B.A.

Student Learning Outcomes

- Students will demonstrate appropriate problem solving and decision-making skills.
- Students will demonstrate effective interpersonal skills including leadership and teamwork
- Students will demonstrate effective written and oral communication skills

The Master of Business Administration degree is a professional degree. The program is designed to prepare students for administrative positions in both the private and public sectors. The program is accredited by the Association to Advance Collegiate Schools of Business International (AACSB).

Students are provided a broad preparation in business administration while being allowed to concentrate in specific business areas. Attention is given to lasting principles instead of specific techniques which may be subject to frequent change.

The program is designed to satisfy the needs of students with or without undergraduate degrees in business administration. Additional coursework may be required for students whose undergraduate education is missing preparation in foundation areas such as Accounting, Management or Quantitative Methods.

Admission Requirements

In addition to meeting the [minimum standards for admission to the Graduate School](#),

admission to the traditional Master of Business Administration program is at the discretion of the College of Business Administration's Committee on

Graduate Admissions and the Graduate School. Applicants are normally admitted if they have a baccalaureate degree from an accredited college or university, with a grade-point average of 2.75 (on a 4.0 grading system).

Degree Requirements

- ACCT 6130 - Adv Acct Analy Decision Making - **Credits: 3**¹
- ECON 6200 - Managerial Economics - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**

- QMBE 6780 - Operations Research
OR
- BA 6780 - Survey Decision Making Tools - **Credits: 3**

- MANG 6401 - Sem Organizational Behavior - **Credits: 3**
- MANG 6476 - Operations Management - **Credits: 3**
- MKT 6503 - Strategic Marketing Management - **Credits: 3**
- MANG 6480 - Seminar Business Policies - **Credits: 3**
- Approved Electives or Concentration Electives **Credits: 9**²

Total Credits Required: 33

3,4

- Candidates with an undergraduate degree in accounting or who have completed a substantial number of accounting courses will be required to substitute a three-hour accounting course at the 6000 level.
- Must be approved by the coordinator of the Master of Business Administration program.
- A grade of C or higher is necessary for any course to be accepted for credit. However, a C grade is considered to be below the standard normally expected of a graduate student.
- As a minimum, a student must present at least 33 semester hours of work in courses numbered 6000 or above (exception: three 5000 graduate-level courses may be accepted for elective. However, credit towards the MBA degree may not be earned for any 5000 graduate-level course that the student has previously taken at the undergraduate level.). A student must have a cumulative grade point average of at least 3.0 on all course work taken to fulfill Graduate Curriculum requirements.

Master of Business Administration Concentrations

Concentrations allow students to focus their studies on a particular area of business administration. The M.B.A. Program offers concentrations in the following areas: Finance, Health Care Management, Human Resource Management, Hotel, Restaurant and Tourism Administration, International Business, Management Information Systems, Marketing, and Technology Management. Each concentration consists of nine hours in selected courses (with the exception of Technology Management which requires 18 credit hours in specific courses), thus fulfilling the elective requirements in the core curriculum. Specific courses must be approved by the program director. An executive track concentration is available as described below.

Financial Aid

A limited number of assistantships are available to qualified applicants. These assistantships involve half-time work assignments (20 hours per week) in the various academic departments, centers and functional areas of the College of Business Administration.

Executive Track

For experienced managers, professionals, and entrepreneurs who are working full time, the Executive track of the MBA is a lock-step program designed to allow rapid completion of the MBA degree with minimal disruption of work responsibilities. Classes are held primarily on Saturdays and Sundays of alternating weeks. Additional fees apply. Classes may be taken only by students admitted to the Executive track of the MBA program. Admission to the executive track of the MBA program is separate from admission to the MBA program. Preparatory course material is integrated into the program through the use of special topic sessions.

In addition to meeting the minimum standards for admission to the Graduate School, admission to the Executive track of the MBA Program is at the discretion of the College of Business Administration's Committee on Executive track MBA graduate admissions. Applicants are evaluated based on: (1) the length and quality of their professional work experience; and (2) the attainment of, and grade point average in, a baccalaureate degree from an accredited college or university. Applicants to the program may be required to take the Graduate Management Applications Test (GMAT). English language requirements described above must also be fulfilled.

Health Care Management, M.S.

The Master of Science in Health Care Management program is designed to prepare health care professionals to survive and prosper in the twenty-first century.

The curriculum provides students with a unique blend of knowledge that bridges the world of health care and the world of finance, marketing, accounting, and management. The objective of this advanced education is to enable graduates to manage and supervise administrative areas in both public and private health care settings more efficiently. This interdisciplinary program involves faculty from the College of Business Administration and adjunct lecturers from relevant health care agencies and organizations. The program consists of 33 credit hours (11 courses). There is no thesis.

Student Learning Outcomes

- Students will demonstrate knowledge of advanced business concepts as applied to health care organizations as identified in the learning objectives of each of the core classes in the program.
- Students will demonstrate skills in critical thinking.
- Students will demonstrate skills in problem solving.

Admissions Requirements

Baccalaureate degree from an accredited college or university; GPA of at least 2.75 on a 4.0 grading system from undergraduate work; satisfactory academic standing at the last university or college attended.

Degree Requirements

- ACCT 5400 - Intro to Fin Acct - **Credits: 3**
- ECON 6250 - Health Care Economics - **Credits: 3**
- HCM 6010 - Health Care Management - **Credits: 3**
- HCM 5016 - Intro to Health Informatics - **Credits: 3**
- MKT 6536 - Seminar Hlth Care Mang - **Credits: 3**
- HCM 6012 - Org Behavior in Health Care - **Credits: 3**
- FIN 6350 - Health Care Financial Mgmt - **Credits: 3**
- HCM 6015 - Health Care Law and Ethics - **Credits: 3**
- And two approved electives **Credits: 6**
- HCM 6013 - Strategic Issues - Health Care - **Credits: 3**

Total Credits Required: 33

- ACCT 5400 (prerequisite) Introduction to Financial Account and Finance Concepts this course is required for non-business students and if taken may be used as an approved elective.

Executive Track

For experienced managers, professionals, and entrepreneurs who are working full time, the Executive track of the MS in Health Care Management (MSHCM) degree is a lock-step program designed to allow rapid completion of the MSHCM degree with minimal disruption of work responsibilities. In this 15-month program, classes are held primarily on Saturdays and Sundays of alternating weeks. Additional fees apply. Classes may be taken only by students admitted to the Executive track of the MS in HCM program. Admission to the Executive track of the MSHCM program is separate from admission to the HCM program.

In addition to meeting the minimum standards for admission to the Graduate School, admission to the Executive track of the Master of Science in Health Care Management Program is at the discretion of the College of Business Administration's Committee on Executive MS-HCM graduate admissions. Applicants to the program may be required to take the Graduate Management Applications Test (GMAT) or the Graduate Record Examination (GRE). UNO Graduate School English language requirements must also be fulfilled.

Applicants are evaluated based on:

- the length and quality of their business experience;
- attainment of, and grade point in, a baccalaureate degree from an accredited college or university.

Graduate Program

Accounting/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Accounting and the Master of Business Administration degree.

Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Business Administration and the Master of Business Administration degree.

Finance/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Finance and the Master of Business Administration degree.

Healthcare Management/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Healthcare Management and the Master of Business Administration degree.

Hotel, Restaurant & Tourism Management/Business Administration Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Hotel, Restaurant and Tourism Management and the Master of Business Administration degree.

Management/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Management and the Master of Business Administration degree.

Marketing/Business Administration, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Marketing and the Master of Business Administration degree.

Department of Accounting

Mission

The mission of the Department of Accounting is to provide programs, at both the undergraduate and graduate levels, that prepare our students for careers as professional accountants in public practice, industry, and other areas, and for advancement into graduate programs. We will do this by maintaining high academic standards, superior teaching, quality research, significant service, and the effective use of technology. We recognize the importance of continuous improvement, high ethical standards, and diversity in the educational environment.

Statement of Goals

- The Department will provide intellectual contributions that benefit the academic and professional communities.
- The Department of Accounting faculty will provide accounting instruction in support of our departmental mission.
- The Department will provide service to national, regional and local professional associations and to the University and local communities.

Accreditation

In addition to college-wide accreditation, the Bachelor of Science in Accounting and the Master of Science in Accounting programs are separately accredited by AACSB International.

Admissions Requirements

College of Business Administration students are eligible to declare a major in accounting if they have thirty semester hours earned and an overall average of 2.2 or higher on all work taken prior to declaring an accounting major.

The Department of Accounting ordinarily requires 50% of the Major hours of accounting courses to be taken in residence at UNO in order to receive an undergraduate degree in accounting. The accounting faculty strongly urges students with less than a 3.0 GPA not to take more than six hours of accounting per semester.

Graduate Major

Accounting, M.S.

Student Learning Outcomes

- Students will demonstrate proficiency in Accounting Theory and Managerial Accounting.
- M.S. Accounting students will demonstrate business planning acumen.
- Students will demonstrate proficiency in conducting accounting research and in writing.

Program Overview

The M.S. in Accounting program is designed to prepare students for careers in various areas of professional accounting. It also helps persons already employed in accounting positions to advance in their careers. The program also serves as a foundation for more advanced studies, such as the Ph.D. degree. For students desiring a greater specialization in accounting information systems auditing, or finance, concentrations in these areas are offered within the Master of Science in Accounting program.

Admission Requirements

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants to the Master of Science programs should have an academic record which clearly indicates a high level of achievement. In addition, the applicant should submit satisfactory scores on the Graduate Management Admission Test (GMAT) and an undergraduate GPA of at least 2.8. The admissions committee may consider other factors such as work experience in making a determination for admission. Applicants must be advanced in English comprehension and be able to participate in class discussion. Additional coursework in English may also be required.

Preparatory Courses

The graduate programs build on the students' technical competence in undergraduate accounting and business courses. To provide a background for successful study at the graduate level, a series of preparatory courses or their equivalents must be completed before enrolling in courses for graduate credit. Students with a non-business undergraduate degree should expect to take the bulk of the preparatory courses before admission to the graduate program.

The specific undergraduate foundation courses are from the areas of accounting, economics, finance, management, marketing, and statistics*. These courses do not have to be completed at UNO, but a C or better grade is required in each*. The Master of Science degree in accounting requires 43-48 credit hours of these specific preparatory courses while the Master of Science in Tax Accounting degree requires 36-42 credit hours.

*See department for specific courses. The Business courses may be taken at the 4400 level to reduce the total number of hours.

Degree Requirements

The Master of Science programs in accounting require 30 hours of graduate course work. A minimum of 21 hours of these classes must be at the 6000 level. Depending on a particular curriculum, this will permit a student to use up to nine hours of 5000 classes toward his/her degree. Each student must also have at least 15 hours of 6000 level accounting classes. Included in that total there must be at least 12 hours of 6000 level accounting classes other than ACCT 6126 ACCT 6167 and ACCT 6168

Only classes numbered 5000 and 6000 can be used toward the total credits for the Master of Science programs.

Required accounting courses

- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- Approved accounting electives **Credits: 12 ***

Approved Electives

- Accounting or other business administration courses **Credits: 6**
- Free Elective **Credits: 3**

Total Credits Required: 30

Accounting Information Systems Concentration

Required courses

* See department for specific courses and see "degree requirements" above.

- ACCT 5142 - IT Audit & Adv Acct Info Sys - **Credits: 3**
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6143 - Sem Accounting Info System - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- MANG 6710 - Innovation Management - **Credits: 3**
OR
- MANG 6730 - Business Information Systems Analysis and Design **Credits: 3**
- Approved accounting electives **Credits: 6 ***
- Approved Accounting or other Business Administration Courses **Credits: 6**

Total Credits Required: 30

Auditing Concentration

Required courses

- ACCT 5162 - Advanced Auditing - **Credits: 3**
- ACCT 6167 - Internal Auditing Concepts - **Credits: 3**
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6169 - Fraud Examination - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- ACCT 6163 - Seminar in Auditing - **Credits: 3**
OR
- ACCT 6168 - Internal/Operational Auditing - **Credits: 3**
- Approved accounting electives **Credits: 3**
- Approved electives*
- Non-Accounting course **Credits: 3**
- Accounting or other business administration course **Credits: 3**

Total Credits Required: 30

Finance Concentration

Required courses

*See the department for specific courses.

**To be selected from any 5000 or 6000 level Finance course except:

- A thesis course, or
- A directed study course
- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- Approved accounting electives **Credits: 9 ***
- Approved business electives (including accounting) **Credits: 3 ***
- Approved finance course **Credits: 3 ****

Total Credits Required: 30

Tax Accounting, M.S.

Student Learning Outcomes

- Students will demonstrate proficiency in Accounting Theory and Managerial Accounting.
- Students will demonstrate business/tax planning acumen.
- Students will demonstrate proficiency in conducting tax research and in writing.

Program Overview:

The M.S. in Tax Accounting program provides a high degree of concentration in the tax area. The taxation degree provides in-depth technical and comprehensive study for persons planning careers in taxation accounting or who are already employed in this area and wish to expand their knowledge of the field. The taxation program also serves as a foundation for more advanced studies, such as the Ph.D. degree.

The program may be pursued either full-time or part-time and may be completed by attending evening classes.

Degree Requirements:

Required accounting courses

- ACCT 6125 - Studies in Accounting Theory - **Credits: 3**
- ACCT 6133 - Study in Managerial Accounting - **Credits: 3**

Required taxation courses

*See the department for specific courses and see "degree requirements" below.

- ACCT 5154 - Estate & Gift Taxation - **Credits: 3**
- ACCT 6151 - Federal Tax Practice - **Credits: 3**
- ACCT 6153 - Tax Corp & Shareholders - **Credits: 3**
- ACCT 6156 - Adv Tax of Partners - **Credits: 3**
- ACCT 6185 - Strategic Business Planning - **Credits: 3**
- Approved tax elective **Credits: 3 ***
- Approved Accounting or Business Administration courses **Credits: 6**

Total Credits Required: 30

Financial Aid

A limited number of research assistantships are awarded on a competitive basis to full-time graduate students with outstanding academic credentials. Graduate assistants normally work 20 hours per week assisting the faculty with their research projects and performing other departmental duties. Irrespective of their legal residency, graduate assistants are eligible for in-state fees. A limited number of loans, scholarships, and departmental awards are also available to assist students in financing their education.

Minor

Accounting Minor

Students may earn a minor in accounting by completing 19 hours of accounting courses with a cumulative GPA of 2.0 or better in all accounting courses attempted. Twelve hours of these accounting courses **must** be completed at UNO with a cumulative GPA of 2.0 or better. The following accounting courses comprise the minor in accounting:

Minor Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- and six hours of accounting electives from accounting courses open to accounting majors for degree credit.
- Three of the six hours of accounting electives must be 3000 level or above.
- ACCT 2130 may not be used for credit toward the minor in accounting.

Undergraduate Major

Accounting, B.S.

Student Learning Outcomes

- Students will demonstrate a proficiency in financial accounting and governmental accounting concepts.
- Students will demonstrate proficiency in auditing concepts.
- Students will demonstrate a proficiency in individual income taxation concepts.
- Students will demonstrate proficiency in cost/managerial accounting and accounting information system concepts.
- Students will demonstrate the effective use of computers and information technology.
- Students will demonstrate a proficiency in conducting auditing, financial accounting, and tax research.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- **BIOS Credits: 3**³
- Other Physical Science **Credits: 3**³
- BIOS or same as physical Science **Credits: 3**³

Humanities

- Humanities Elective - **Credits: 6**^{2,3}
- ENGL Literature - **Credits: 3**³

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**³

Arts

- Arts **Credits 3**³

Total Credit Hours: 39

Other Requirements

3

- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Electives **Credits: 13**²
- Business Elective **Credits: 3**²

Total Credit Hours: 50

Course Requirements for Major

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**¹
- ACCT 3123 - Adv Financial Accounting - **Credits: 3**
- ACCT 3124 - Governmental Accounting - **Credits: 3**
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- ACCT 3152 - Tax Accounting I - **Credits: 3**
- ACCT 3161 - Auditing - **Credits: 3**
- ACCT Elective 4000 Level **Credits: 3**

Total Credit Hours: 31

Total Credit Hours Required: 120

- "C" or better required
- Must select either FTA 2650 as a Humanities or MANG 2472, MANG 3474 as an Elective or Business Elective
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- Arts **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**³

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**²
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 3120 - Accounting Lab - **Credits: 1**
- ACCT 3121 - Intermediate Accounting I - **Credits: 3**¹
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Humanities **Credits: 3**²
- MANG 2790 - Business Communication - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- ACCT 3122 - Intermediate Accounting II - **Credits: 3**¹
- ACCT 3131 - Cost Accounting I - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- Literature **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Second Term

- ACCT 3152 - Tax Accounting I - **Credits: 3**
- ACCT 3123 - Adv Financial Accounting - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- ACCT 3161 - Auditing - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- Business Elective **Credits: 3**²
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Elective **Credits: 3**²

Total Credit Hours: 15

Second Term

- ACCT 3124 - Governmental Accounting - **Credits: 3**
- ACCT Elective 4000 level **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- Must select either FTA 2650 as Humanities Elective or MANG 2472, MANG 3474 as Elective or Business Elective.
- Required for all first-time full-time students.

Pre-CPA Program

Purpose

The purpose of the Pre-CPA program is to provide the courses needed to take the CPA exam in Louisiana. The program is intended to be an alternative to rather than a replacement for the Master of Science programs.

Requirements

To be eligible to take the CPA exam in Louisiana an individual must meet the following criteria from a university or college approved by the board:

- Possess at least a baccalaureate degree,
- Have at least 150 semester hours of post-secondary, graduate, or post-graduate education classes,
- Have college/university credit for the specific accounting courses and electives, and
- Have college/university credit for twenty-four hours of business courses including a course in commercial law as it affects accountancy.

Accounting courses: 24 hours above Principles

Business Courses: 24 hours including 3 hours of Business Law (BA 3021) as it affects accountancy.

See Department for specific courses and limitations. Additional details regarding the requirements to take the CPA exam are listed at: www.cpaboard.state.la.us

Department of Economics and Finance

The mission of the Department of Economics and Finance is to provide high quality education to undergraduate students in the college and university; to engage in research and intellectual activities commensurate with a doctoral granting department, and to provide services to continuously improve the local, regional, and global communities of our stakeholders.

Graduate Major

Finance, Accelerated Masters (BS & MS)

General Education

For the undergraduate Bachelor of Science degree. Unless the course requirement is specified, please refer to the General Education menu for approved courses. GENERAL EDUCATION COURSE MENU

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3** - C grade or better required.
OR
- ENGL 1159 - English Composition Honors - **Credits: 3** - C grade or better required.

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS Elective - **Credits: 3**
- Other Physical Science - **Credits: 3**
- BIOS or same as Physical Science - **Credits: 3**

Humanities

- English Literature Elective - **Credits: 3**
- Humanities Electives - **Credits: 6**

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective - **Credits: 3**

Arts

- Arts Elective - **Credits: 3**

Other Requirements

For the undergraduate Bachelor of Science.

- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3** - C grade or better required.
- ACCT 3121 - Intermediate Accounting I - **Credits: 3** - C grade or better required.
- ACCT 3122 - Intermediate Accounting II - **Credits: 3** - C grade or better required.
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- Business Electives - **Credits: 6**
- Free Electives - **Credits: 11**

Major Requirements

For the undergraduate Bachelor of Science.

12 credits of the Graduate Requirements count toward both the BS Major Requirements and the

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- FIN 3303 - Financial Institutions - **Credits: 3**
- OR
- FIN 3321 - Bank Administration - **Credits: 3**
- FIN 4304 - Finance Capstone - **Credits: 3**
- Finance Elective 3000/4000-level - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**

Graduate Requirements - BS/MS

Courses that count for both the Bachelor of Science and the Masters of Science.

- Finance 5000-level Electives **Credits: 9**
- FIN 5306 - International Finance - **Credits: 3**

Graduate Requirements - MS

Courses that count toward the Masters of Science degree.

- ACCT 6131 - Accounting in Health Care - **Credits: 3**
- BA 6780 - Survey Decision Making Tools - **Credits: 3**
- ECON 6200 - Managerial Economics - **Credits: 3**
- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6302 - Investments - **Credits: 3**
- FIN 6303 - Financial Markets & Inst - **Credits: 3**

Finance, M.S.

Student Learning Outcomes

- All students should demonstrate core knowledge of Financial Economics
- All students should demonstrate the ability to apply finance concepts to real world problems.
- All students should demonstrate problem-solving skills.

Prerequisites: Principles of Microeconomics, Financial Management, Accounting, and Statistics (ECON 1203, FIN 3300, ACCT 2100, QMBE 4400 or equivalent).

There will be two tracks in the program:

Professional Track Curriculum

Core Courses (21 hours):

- ACCT 6130 - Adv Acct Analy Decision Making - **Credits: 3**
 - ECON 6200 - Managerial Economics - **Credits: 3**
 - BA 6780 - Survey Decision Making Tools - **Credits: 3**
 - FIN 6300 - Financial Administration - **Credits: 3**
 - FIN 6302 - Investments - **Credits: 3**
 - FIN 6303 - Financial Markets & Inst - **Credits: 3**
-
- FIN 6309 **Credits: 3**
OR
 - FIN 5306 - International Finance - **Credits: 3**
Plus 9 hours of approved finance electives.

CFA Concentration:

The purpose of this concentration is to help prepare the student to take the Level One Chartered Financial Analyst Exam. The concentration consists of FIN 6307, Portfolio Theory, and FIN 5308 - Derivatives Analysis, plus one additional course to be approved by the program director.

Academic Track Curriculum

Core Courses (24 hours)

- FIN 6300 - Financial Administration - **Credits: 3**
- FIN 6203 - Financial Markets & Institutions **Credits: 3**
- FIN 6311 - Theory of Corporate Finance - **Credits: 3**
- FIN 6312 - Investment Theory - **Credits: 3**
- ECON 6203 - Microeconomic Theory - **Credits: 3**
- ECON 6204 - Macroeconomic Theory - **Credits: 3**
- QMBE 6280 - Math in Financial Economics - **Credits: 3**
- QMBE 6281 - Econometrics I - **Credits: 3**
Plus 6 hours of approved finance electives.

For both tracks

Comprehensive Examination: Every student must pass Master's exam in their last semester in the program.

This is a non-thesis degree program.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, successful applicants have an educational background in Business or a related field, a 2.75 GPA for undergraduate coursework and average scores on the GRE or GMAT

Financial Economics, Ph.D.

The Department of Economics and Finance offers a Doctor of Philosophy degree in Financial Economics with specializations in International Financial Economics, Investments, Corporate Finance, Monetary Theory and Financial Institutions, and an interdisciplinary field. The curriculum is structured to promote competence both in theory and applications, in finance and economics.

Student Learning Outcomes

- All students should demonstrate core knowledge of Financial Economics.
- All students should demonstrate advanced knowledge of Financial Economics.
- All students should demonstrate the ability to perform original, independent research in Financial Economics.

Admission Requirements

All students enrolling in the program must have a bachelor's degree from an accredited college or university and, at a minimum, their undergraduate training should include principles of economics, intermediate microeconomic and macroeconomic theory, financial management, one year of statistics, and one semester of calculus. Admission decisions will be based primarily on undergraduate grade point average (GPA), Graduate Record Examination (GRE) or Graduate Management Admissions Test (GMAT) scores, and letters of recommendation. Preferred levels of performance will be a 3.0 GPA and 350 (combined scores for verbal and quantitative sections) GRE or 550 GMAT score. These levels will be viewed as general guidelines since particular strength in one set of credentials may be viewed as sufficient to offset a modest deficiency elsewhere.

Degree Requirements

The doctoral program in financial economics is divided into three stages: core preparation, advanced specialization, and dissertation. All graduate students must have approval of the graduate coordinator for the courses that they take.

Students may be allowed to start taking graduate courses before completing certain foundation courses. The intermediate economics courses may be taken concurrently with the graduate theory courses. Principles of Financial Management (Finance 3300), calculus, and statistics are prerequisites to all graduate courses in the program.

Prospective candidates for the Ph.D. degree in financial economics should be advised that mathematical modeling is used heavily in the field. Indeed, it is virtually impossible to read any current major journal (much less contribute one's own research to them) without considerable training in modeling methods. Those entering doctoral study without command of calculus will be judged deficient. More than one semester in calculus is recommended.

The successful completion of the Ph.D. program is carried out in three stages: core courses that culminate in a qualifying exam, two specialized fields with a corresponding general exam, and a dissertation and its oral defense. The Ph.D. candidate must demonstrate proficiency in mathematics or computer programming in a manner approved by the Graduate Coordinator. All students must complete a minimum of 60 credit hours in the program to graduate.

Minor

Economics Minor

Students wishing to minor in Economics may do so by completing the following required courses and electives in Economics with a grade of C or better in each course:

Minor Requirements

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- plus nine hours of electives from economics courses at the 3000 or higher level.

Finance Minor

Students wishing to minor in Finance may do so by completing the following required courses and electives with a grade of C or better in each course:

Minor Requirements

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- plus nine hours of Finance electives - one of the electives must be at the 4000 level.

Undergraduate Major

Finance, B.S.

Student Learning Outcomes

- Understand basic concepts in finance.
- Demonstrate the ability to solve problems in finance using basic and intermediate concepts.
- Demonstrate the ability to integrate and extend basic and intermediate finance concepts to solve advanced problems.
- Develop and present a cohesive oral presentation based on resolution of a business problem (Oral Communication).
- Develop a well-organized, written exposition of a business problem analysis and solution (Written Communication).
- Demonstrate the knowledge of core business concepts taught in Accounting, Finance, Management, Marketing, Economics, Quantitative Analysis, and Legal Environment courses (Business Knowledge).
- Demonstrate the effective use of workplace technology (Understanding Technology).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**¹
- BA 2780 - App Software for Business - **Credits: 3**

- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Elective **Credits: 11**
- Business Electives **Credits: 6**

Total Credit Hours: 51

Course Requirements for Major

- ACCT 3121 - Intermediate Accounting I - **Credits: 3**
- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**

- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**

- FIN 4304 - Finance Capstone - **Credits: 3**

- FIN Elective 3000 or higher **Credits: 9 (Students may elect to fulfill these 9 credits with a concentration.)**
- FIN Elective 2000 or higher **Credits: 3**

Total Credit Hours: 30

Financial Analyst Concentration

- FIN 4306 - International Finance - **Credits: 3**
- FIN 4307 - Portfolio Analysis - **Credits: 3**
- FIN 4308 - Derivatives Analysis - **Credits: 3**

Financial Planning Concentration

- FIN 4307 - Portfolio Analysis - **Credits: 3**
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**

Total Credit Hours Required: 120

- "C" better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- ARTS **Credits: 3**
- Social Science **Credits: 3**

- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3** ¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3** ¹
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 3121 - Intermediate Accounting I - **Credits: 3** ¹
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- ECON 2221 - Money & Banking - **Credits: 3**
- Humanities **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- ACCT 3122 - Intermediate Accounting II - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- Literature **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MANG 3402 - Operations and Systems Management - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- FIN Elective 2000+ **Credits: 3**
- Business Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- FIN 3303 - Financial Institutions - **Credits: 3**
OR
- FIN 3321 - Bank Administration - **Credits: 3**
- Finance Elective 4000 level **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 4304 - Finance Capstone - **Credits: 3**
- FIN Electives 4000 level **Credits: 6**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Concentrations	Certificate/Issuing Body
Financial Planning	<u>Certified Financial Planner (CFP®)</u> - Certified Financial Planning Board Financial Analyst
Financial Analyst	<u>Chartered Financial Analyst (CFA®)</u> - CFA Institute

Department of Business Administration

Minor

Business Administration Minor

Non-business students wishing to minor in Business Administration may do so by completing the following courses with a minimum letter grade of C or better in each course:

Minor Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
OR
- ACCT 4400
- BA 3010 - Legal Environment of Business - **Credits: 3**
OR
- BA 3080 - Corporate Social Responsibility - **Credits: 3**
OR
- HRT 3016 - Legal Environ in Hosp Industry - **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- FIN 2302 - Introduction to Investing - **Credits: 3**
OR
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
OR
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
OR
- MANG 4400 - Survey Management Topics - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Global Business Studies Minor

Students may earn a minor in Global Business Studies by completing 18 credit hours from the following courses with a minimum letter grade of C or better in each course:

Minor Requirements

- ECON 4261 - International Trade Theory - **Credits: 3**
- ECON 4306 - International Finance - **Credits: 3**
OR
- FIN 4306 - International Finance - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 4319 - Wines of the World - **Credits: 3**
- HRT 4250 - International Tourism - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Undergraduate Major

Business Administration, B.S.

Student Learning Outcomes

- Students will demonstrate the ability to make an informed ethical decision within a business environment.
- Students will demonstrate effective written communications skills within a business environment.
- Students will demonstrate effective problem solving skills within a business environment.
- Students will demonstrate effective oral communications skills within a business environment.
- Students will demonstrate core competency skills of the general business functions.
- Students will learn to integrate general business concepts and apply them to a business situation.
- Students will be able to identify how global issues affect decision making in the business environment Curriculum in Business

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**
- Other Physical Science **Credits: 3**
- BIOS or same as physical Science **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts Elective

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Electives **Credits: 5**
- Business Elective **Credits: 9**

Total Credit Hours: 51

Course Requirements for Major

- FIN 3302 - Investments - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
or
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**

Select 3 Credit Hours:

- MKT 3515 - Personal Selling - **Credits: 3**
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MKT 3580 - Digital Marketing - **Credits: 3**

Select 3 Credit Hours:

- BA 3080 - Corporate Social Responsibility - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- HRT 3016 - Legal Environ in Hosp Industry - **Credits: 3**

- MKT 3526 - Legal Environment of Marketing - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
Select 3 Credit Hours:
- FIN 2302 - Introduction to Investing - **Credits: 3**
- FIN 3325 - Principles of Real Estate - **Credits: 3**
- FIN 3301 - Small Business Finance - **Credits: 3**
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**

Select 3 Credit Hours:

- ECON 4306 - International Finance - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- FIN 4306 - International Finance - **Credits: 3**
- HRT 4250 - International Tourism - **Credits: 3**
- HRT 4319 - Wines of the World - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Select 3 Credit Hours:

- HCM 2000 - The US Healthcare System - **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- MKT 4535 - Services Marketing - **Credits: 3**

Select 3 Credit Hours:

- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**
- MANG 4469 - Staffing & Developing HR - **Credits: 3**
- MANG 4470 - Employment Law for Managers - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- Check General Education Courses to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- ARTS **Credits: 3**
- Social Sciences **Credits: 3**
- Business Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**

- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- Humanities **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- HCM 2000 - The US Healthcare System - **Credits: 3**
OR
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
OR
- MKT 4535 - Services Marketing - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
OR
- ACCT 3141 - Accounting Info Systems - **Credits: 3**
- Business Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MKT 3515 - Personal Selling - **Credits: 3**

- OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- OR
- MKT 3580 - Digital Marketing - **Credits: 3**
- FIN 3302 - Investments - **Credits: 3**
- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**
- OR
- MANG 4469 - Staffing & Developing HR - **Credits: 3**
- OR
- MANG 4470 - Employment Law for Managers - **Credits: 3**
- OR
- MANG 4710 - Innovation Management - **Credits: 3**
- OR
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- OR
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

- MKT Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 2302 - Introduction to Investing - **Credits: 3**
- OR
- FIN 3325 - Principles of Real Estate - **Credits: 3**
- OR
- FIN 3301 - Small Business Finance - **Credits: 3**
- OR
- FIN 4310 - Personal Financial Planning - **Credits: 3**
- OR
- FIN 4311 - Ins Plan & Risk Mgt - **Credits: 3**
- BA 3021 - Business Law - **Credits: 3**
- OR
- BA 3080 - Corporate Social Responsblty - **Credits: 3**
- OR
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- OR
- MKT 3526 - Legal Environment of Marketing - **Credits: 3**
- OR
- MKT 3530 - Sales Management - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- OR
- ECON 4306 - International Finance - **Credits: 3**
- OR
- FIN 4306 - International Finance - **Credits: 3**
- OR
- HRT 4250 - International Tourism - **Credits: 3**
- OR
- HRT 4319 - Wines of the World - **Credits: 3**
- OR
- MANG 4446 - International Management - **Credits: 3**
- OR
- MKT 4546 - Int'l Marketing Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Lester E. Kabacoff School of Hotel, Restaurant and Tourism Administration

Graduate Major

Hospitality and Tourism Management, M.S.

The Master of Science in Hospitality and Tourism Management program is an advanced degree program to better prepare future leaders in the hospitality and tourism industry. It is designed to enhance students' knowledge of the industries that operate under the rubric of global tourism; widen their horizons in regard to unresolved issues in the field; and further develop their analytical abilities and communication skills.

The program prepares students for professional careers in both the private and public sectors of global hospitality and tourism and it also serves as a foundation for more advanced studies. Students are provided a broad preparation in the important operational aspects of the organizations that comprise the hospitality and tourism industries. Emphasis is placed on the development of problem solving and decision-making abilities as well as the acquisition of basic research skills. The program can be completed either on campus or online. The program is designed to satisfy the needs of students with undergraduate degrees in any field who want to be better prepared for careers in hospitality and tourism.

Student Learning Outcomes

- Students will demonstrate knowledge of the following core hospitality industries: Hotel/lodging, Restaurant/Foodservice, Events/Meetings, and Tourism.
- Students will demonstrate the ability to analyze an ethical situation.
- Students will develop an advanced understanding of research methods and their application in the hospitality and tourism industry.
- Students will demonstrate effective written communications skills.
- Students will demonstrate effective oral communications skills.
- Students will demonstrate effective problem-solving skills.
- Students will demonstrate the ability to synthesize core business management concepts and apply them to the hospitality and tourism industry.
- Students will demonstrate the ability to assess the economic impact of international tourism.

Admission Requirements

Applicants to the M.S. program should meet the [minimum standards for admission to the Graduate School](#).

Degree Requirements

*HRT 6301 must be taken near the end of the course of study.

**HRT 7000 must be taken over the last two semesters of study (3 credits per semester) and with approval of the department.

- HRT 6001 - Survey of Hospitality & Touris - **Credits: 3** *
- HRT 6200 - Hosp & Tourism Ops Analysis - **Credits: 3**
- HRT 6202 - Hosp and Tourism Research Meth - **Credits: 3**
- HRT 6203 - Marketing App for Hosp & Tour - **Credits: 3**
- HRT 6205 - Change Mang for Hosp & Tourism - **Credits: 3**
- HRT 6207 - Work Experience HTM - **Credits: 3**
- HRT 6250 - Tourism Destination Developmnt - **Credits: 3**
- HRT 6300 - Hospitality & Tourism Rev Mgt - **Credits: 3**
- HRT 6301 - Hosp & Tour Indus Strtg Mang - **Credits: 3** **

Required credits for all students: 24

Electives - Non-Thesis (two of the following)

- HRT 6102 - Technology Tourism & Hosp Mgt - **Credits: 3**
- HRT 6204 - Hospitality & Tourism Intern - **Credits: 3**
- HRT 6491 - Indep Study in Hosp & Tourism - **Credits: 3**
- HRT 6495 - Spec Top Hospitality & Touris - **Credits: 3**
- Business Elective **Credits: 3**

Non-Thesis Option Total credits required: 30

Additional Degree Requirements - Thesis Option

- HRT 7000 - Thesis Research - **Credits: 1 - 9 (Variable) *****

Master of Science Thesis Option: 6 Credits

Must take two additional Research Methods/Statistics courses (for a total of 6 additional credits).

Students must have approval from the HRT Graduate coordinator prior to registering for the appropriate courses.

Courses may be selected from:

- EDFR 6705 - Quant & Qual Research Design - **Credits: 3**
- EDFR 6710 - Descriptive Statistics - **Credits: 3**
- EDFR 6720 - Appl Regr & Analy Covariance - **Credits: 3**
- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**

Total Credits Required Thesis option: 39

- Students choosing the non-thesis option will need a minimum of 30 credit hours to complete the course requirements for the program.
 - Students choosing the thesis option are required to take HRT 7000 (six credit hours). In addition, students will also need six credits of Statistics/Research Methods a minimum of 39 credit hours to complete the course requirements for the thesis option.
- The Master of Science program consists of a minimum of ten courses and a total of 30 credit hours. The thesis option will require an additional nine credit hours.

Graduate Program

Hotel, Restaurant & Tourism Administration/Hotel & Tourism Management, Accelerated Master's (BS & MBA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree Hotel, Restaurant and Tourism Administration and a Master of Science degree in Hotel and Tourism Management.

Minor

Hotel, Restaurant and Tourism Administration Minor

Students must complete 18 credit hours in Hotel, Restaurant, and Tourism Administration with a letter grade of C or better in all courses as follows:

Minor Requirements

- HRT 2000 - Intro to HRT Administration - **Credits: 3**

And choose six credit hours from

- HRT 2020 - Hotel Operations - **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 2070 - Introduction to Conventions - **Credits: 3**

Note:

In addition, students must have nine credit hours at the 3000 or 4000 level.

Undergraduate Major

Hotel, Restaurant and Tourism Administration, B.S.

Student Learning Outcomes

- Students will demonstrate the ability to make an informed ethical decision.
- Students will demonstrate effective written communications skills.
- Students will demonstrate effective problem solving skills.
- Students will demonstrate effective oral communications skills.
- Students will demonstrate core competency skills of the hospitality and tourism industry to prepare them for a career in the hospitality and tourism industry.
- Students will learn to apply core concepts of the hospitality and tourism industry to a business situation.
- Students will be able to identify cultural difference in the business environment.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as other Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**

- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Electives **Credits: 6**
- HRT or Business Electives **Credits: 6**

Total Credit Hours: 50

Course Requirements for Major

- HRT 2020 - Hotel Operations - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 3002 - HRT Work Experience - **Credits: 1**
- HRT 3011 - Tourism & Hospitality Marketng - **Credits: 3**
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- HRT 3140 - Cost Control Hosp Operations - **Credits: 3**
- HRT 4000 - Policy Issues Tourism & Hosp - **Credits: 3**
- HRT Electives **Credits: 6**
- MANG 3467 - Human Resource Management - **Credits: 3**

Total Credit Hours: 31

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- ARTS **Credits: 3**
- Social Science **Credits: 3**
- HRT 2000 - Intro to HRT Administration - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- HRT 2020 - Hotel Operations - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- HRT 2030 - Prin of Food Production - **Credits: 3**
- Humanities **Credits: 3**
- HRT 2035 - Principles of Food Production Laboratory - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 17

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
- HRT 3002 - HRT Work Experience - **Credits: 1**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- BIOS **Credits: 3**
- HRT 3017 - Servc Orgn Mgmt in Hospitality - **Credits: 3**
- HRT 3140 - Cost Control Hosp Operations - **Credits: 3**
- Humanities **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**

Total Credit Hours: 15

Second Term

- MANG 2790 - Business Communication - **Credits: 3**
- HRT 3011 - Tourism & Hospitality Marketng - **Credits: 3**
- HRT 3016 - Legal Envirn in Hosp Industry - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- Elective **Credits: 2**
- HRT or Business Elective **Credits: 3**
- HRT or Business Elective **Credits: 3**
- HRT Elective **Credits: 3**

Total Credit Hours: 14

Second Term

- HRT Elective **Credits: 3**
- HRT 4000 - Policy Issues Tourism & Hosp - **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Department of Management and Marketing

Management Mission

The Department of Management and Marketing is dedicated to the development of managerial skills-analytical and interpersonal-which will enable students to succeed in a competitive international workplace. The department's primary mission, therefore, is to provide quality management education for undergraduate and graduate students by utilizing current management thought incorporated in an experience-based learning environment. A second component of the department's mission is the pursuit of a balanced approach that encourages and rewards both applied and basic research. Finally, the Department of Management and Marketing faculty is committed to training and development at all levels of organizational life as part of its applied curriculum.

Marketing Mission

The Department of Management and Marketing teaches and offers an undergraduate degree in marketing, undertakes research in the discipline of marketing, and serves as a marketing knowledge resource for the New Orleans community as well as the state, nation and globally. Students who successfully complete the Bachelor of Science degree in marketing will be qualified for a variety of marketing careers and/or graduate programs.

Minor

Entrepreneurship Minor

Students wishing to minor in entrepreneurship may do so by completing 18 credit hours in entrepreneurship. The student must take

Minor Requirements

- BA 4056 - Business Planning - **Credits: 3**
- FIN 3301 - Small Business Finance - **Credits: 3**

And four additional entrepreneurship courses to be chosen from:

- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
- BA 3056
- BA 3090 - Internship in Entrepreneurship - **Credits: 3**
- BA 3091 - Indep Study Entrepreneurship - **Credits: 3**
- BA 4076
- MANG 3070 - Managing the Family Business - **Credits: 3**
- MANG 3071 - Franchise Management - **Credits: 3**
- FIN 4222

Note:

A grade of C or better must be received in each course.

Information Systems Management Minor

Students wishing to minor in Information Systems Management may do so by completing 18 credit hours in approved management information systems courses. Students must take MANG 3778, and five of the following:

Minor Requirements

- MANG 4710 - Innovation Management - **Credits: 3**
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
- MANG 4735
- MANG 4740
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG 4760 - Managing Electronic Commerce - **Credits: 3**
- ACCT 4142 - IT Audit & Adv Acct Info Sys - **Credits: 3**

Note:

A grade of C or better must be received in each course.

Management Minor

Minor Requirements

Students wishing to minor in management may do so by completing 18 credit hours in management courses at or above the 3000 level with a letter grade of C or better in each course.

Marketing Minor

Students wishing to minor in marketing may do so by completing 18 credit hours in marketing courses at or above the 3000 level with a letter grade of C or better in each course. The student must take:

Minor Requirements

- MKT 3501 - Principles of Marketing - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**
- And a minimum of four additional marketing courses at the 3000 or 4000 level.

Undergraduate Major

Healthcare Management, B.S.

Student Learning Outcomes

The primary learning goals of the BS in Healthcare Management program are to:

- Prepare students for successful job entry into the profession of healthcare management.
- Prepare students to succeed under variable conditions of the future.
- Create a student body and a network of alumni who are actively engaged in the process of improving the health of the community, state, nation, and world.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**³
- Other Physical Science **Credits: 3**²
- BIOS or same Physical Science **Credits: 3**³

Humanities

- Humanities **Credits: 6**
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Arts

- Arts **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- General Electives **Credits: 7**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**³

Total Credit Hours: 47

Course Requirements for Major

- HCM 1000 - Intro to Health Management - **Credits: 3**
- HCM 2000 - The US Healthcare System - **Credits: 3**
- HCM 3010 - Health Improvement - **Credits: 3**

- HCM 3020 - Healthcare Information Tech - **Credits: 3**
- HCM 3030 - Community Health Research - **Credits: 3**
- HCM 3040 - Health Reimbursement - **Credits: 3**
- HCM 4010 - Healthcare Ethics - **Credits: 3**
- ECON 4250 - Health Care Economics - **Credits: 3**
- MKT 4536 - Health Care Marketing - **Credits: 3**
- HCM 4070 - Future of Healthcare - **Credits: 1**
- HCM 4094 - Healthcare Internship - **Credits: 3**
- HCM 4480 - Healthcare Capstone - **Credits: 3**

Total Credit Hours: 34

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- BIOS 1053 must be taken prior to BIOS 1303.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- Arts **Credits: 3**
- Humanities **Credits: 3**
- HCM 1000 - Intro to Health Management - **Credits: 3**
- Approved Elective (UNIV 1001) **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3**
- HCM 2000 - The US Healthcare System - **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- Social Sciences (POLI 2151) **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- HCM 3010 - Health Improvement - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- Other Physical Science **Credits: 3**

Total Credit Hours: 15

Second Term

- HCM 3020 - Healthcare Information Tech - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- ECON 4250 - Health Care Economics - **Credits: 3**
- HCM 3030 - Community Health Research - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- HCM 3040 - Health Reimbursement - **Credits: 3**
- HCM 4010 - Healthcare Ethics - **Credits: 3**
- HCM 4070 - Future of Healthcare - **Credits: 1**
- MKT 4536 - Health Care Marketing - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
- Other Physical Science **Credits: 3**

Total Credit Hours: 16

Second Term

- HCM 4094 - Healthcare Internship - **Credits: 3**
- HCM 4480 - Healthcare Capstone - **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Management, B.S.

Student Learning Outcomes

- Management graduates will understand and communicate basic management concepts and the role of managers within organizations and in the marketplace.
- Management graduates will possess the knowledge to define and implement ethical standards and policies of corporate social responsibility.
- Management graduates will understand the global nature of management and be able to strategically address the challenges of managing multinational enterprises.
- Management graduates will be able to apply theories and principles of organizational behavior to managerial decision-making.
- Management graduates will utilize information in the internal and external environment to formulate and implement a strategy that builds on the core competencies of the firm in order to demonstrate active management of an enterprise in a competitive environment.
- Management graduates will demonstrate the ability to give a coherent, understandable business presentation.
- Management graduates will understand how to utilize and integrate technology and information into managerial decision-making and operational processes. This will include applying qualitative and quantitative methods in the decision-making process.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**

- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
OR
- BA 4056 - Business Planning - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- MANG Elective 3000-level or higher **Credits: 3**
- General Electives **Credits: 14**

Total Credit Hours: 51

Course Requirements for Major

- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**¹
- MANG 3402 - Operations and Systems Management - **Credits: 3**¹
- MANG 3778 - Management Information Systems - **Credits: 3**
- MANG 4424 - Leadership in Organizations - **Credits: 3**
- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**¹

- MANG 4710 - Innovation Management - **Credits: 3**
or
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
or
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**

- MANG Electives 3000 level or higher **Credits: 9**

Total Credit Hours: 30

Human Resource Concentration

Taken in place of the nine MANG 3000+ Electives in the Major Requirement

- MANG 4468 - HRM Strategy & Compensatn Syst - **Credits: 3**¹
- MANG 4469 - Staffing & Developing HR - **Credits: 3**¹
- MANG 4470 - Employment Law for Managers - **Credits: 3**¹

Total Credit Hours: 9

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Additional Comments

The following courses can be used as MANG electives.

- BA 3056
- BA 3090 - Internship in Entrepreneurship - **Credits: 3**
- BA 3091 - Indep Study Entrepreneurship - **Credits: 3**
- BA 4056 - Business Planning - **Credits: 3**
- BA 4076

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- **ARTS Credits: 3**
- Social Sciences **Credits: 3**
- BA 1001 - Intro to Entrepreneurship - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**¹

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Humanities **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**¹
- MKT 3501 - Principles of Marketing - **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 15

Second Term

- MANG 3467 - Human Resource Management - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 3778 - Management Information Systems - **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- Elective **Credit: 1**

Total Credit Hours: 13

Second Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MANG 4710 - Innovation Management - **Credits: 3**
OR
- MANG 4730 - Bus Info Syst Anly & Design - **Credits: 3**
OR
- MANG 4750 - Bus. Intelligence & Analytics - **Credits: 3**
- MANG Elective 3000 level or higher **Credits: 3**
- MANG 4424 - Leadership in Organizations - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**¹

Total Credit Hours: 15

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Marketing, B.S.

Student Learning Outcomes

- Marketing graduates will understand and communicate basic marketing concepts and the role of marketing within organizations and in the marketplace. Particular emphasis is placed on concepts related to the 4 Ps (product, price, place, and promotion) and target markets.
- Marketing graduates will possess the knowledge to define and implement ethical standards and policies of social responsibility that will create enduring relationships between firms and their clients and work to the general benefit of society as a whole.
- Marketing graduates will understand the global nature of marketing and demonstrate mastery of appropriate measures to operate effectively in international settings.
- Marketing graduates will be able to use the marketing research process to define a problem/opportunity, design the research project, collect data, and analyze data for the purpose of making appropriate and actionable marketing decisions.
- Marketing graduates will be able to apply theories and principles of consumer behavior to marketing decision-making.
- Marketing graduates will synthesize information in the internal and external environment for marketing decision-making and formulate a marketing plan that aligns forces in the external environment with the core competencies of the firm.
- Marketing graduates will demonstrate active management of a marketing strategy in a competitive environment.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Science

- BIOS **Credits: 3**²
- Other Physical Science **Credits: 3**²
- BIOS or same as Physical Science **Credits: 3**²

Humanities

- Humanities Elective **Credits: 6**²
- ENGL Literature **Credits: 3**²

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Social Science Elective **Credits: 3**²

Arts

- Arts **Credits 3**²

Total Credit Hours: 39

Other Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ACCT 2130 - Management Accounting - **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- BA 3010 - Legal Environment of Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**
- Business Elective **Credits: 3**
- Electives **Credits: 14**

Total Credit Hours: 51

Course Requirements for Major

- MKT 3501 - Principles of Marketing - **Credits: 3**¹
- MKT 3505 - Consumer Behavior - **Credits: 3**¹
- MKT 3510 - Intro to Marketing Research - **Credits: 3**¹
- MKT 3530 - Sales Management - **Credits: 3**
OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MKT 4590 - Marketing Strategy - **Credits: 3**¹
- MKT Electives 3000 or higher **Credits: 9**
- Business Elective **Credits: 6**

Total Credit Hours: 30

Sales Concentration

- MKT 3515 - Personal Selling - **Credits: 3**¹
- MKT 3530 - Sales Management - **Credits: 3**¹
- MKT 3580 - Digital Marketing - **Credits: 3**¹

Total Credit Hours: 9

Total Credit Hours Required: 120

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- ARTS **Credits: 3**
- Social Science **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- BIOS **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EES, CHEM or PHYS **Credits: 3**
- Humanities **Credits: 3**
- QMBE 2786 - Intermed Bus & Econ Stat - **Credits: 3**
- QMBE 2787 - Bus & Econ Stat Lab - **Credits: 1**

Total Credit Hours: 16

Second Term

- ACCT 2130 - Management Accounting - **Credits: 3**
- BIOS or same as 3rd term (EES, CHEM, PHYS) **Credits: 3**
- Literature **Credits: 3**
- MANG 2790 - Business Communication - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**¹

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Humanities **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MKT 3505 - Consumer Behavior - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3402 - Operations and Systems Management - **Credits: 3**
- MKT 3510 - Intro to Marketing Research - **Credits: 3**¹
- MKT Elective 3000 level or higher **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- BA 3010 - Legal Environment of Business - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
- OR
- MKT 3540 - Integrated Marketing Comm - **Credits: 3**
- MANG 4480 - Business Policies & Problems - **Credits: 3**
- Business Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MKT 4590 - Marketing Strategy - **Credits: 3**
- MKT Elective 3000 level or higher **Credits: 3**
- Business Electives **Credits: 6**
- Elective **Credits: 1**

Total Credit Hours: 13

Total Credit Hours Required: 120

- "C" or better required
- Required for all first-time full-time students.

Sales Concentration

The Concentration in Sales requires the completion of

- MKT 3515 - Personal Selling - **Credits: 3**
- MKT 3530 - Sales Management - **Credits: 3**
- MKT 3580 - Digital Marketing - **Credits: 3**

College of Engineering

College of Engineering

Taskin Kocak, Dean

The College of Engineering offers undergraduate degree programs in Civil Engineering, Electrical Engineering, Mechanical Engineering, and Naval Architecture and Marine Engineering. These curricula provide an opportunity for professional career education in the traditional fields of engineering, and preparation for industrial employment or graduate studies.

The undergraduate degree programs in engineering provide a broad engineering education in preparation for:

- Professional employment, mainly as civil, electrical, mechanical engineering, naval architecture and marine engineering in design, development, production, operation, and sales.
- Graduate study in the various fields of engineering and the physical sciences.

Emphasis is placed on fundamentals in the basic fields followed by applications in the areas of engineering design and planning.

Accreditation

The following undergraduate programs in engineering offered by the College of Engineering, University of New Orleans, are accredited by the Engineering Accreditation Commission of ABET, www.abet.org.

Bachelor of Science Degree in:

- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Naval Architecture and Marine Engineering

Admission to the College of Engineering

First-time freshmen

First-time freshmen admitted to the university will be admitted to the College of Engineering with an engineering classification.

Engineering students must meet the following criteria prior to enrolling in an engineering course above the 3000 level:

- Qualify for, or have credit in, a college-level calculus course (e.g., MATH 2114). Qualification for a first course in college-level calculus requires a minimum MATH ACT score of 28 or a minimum MATH SAT score of 650.
 - have a cumulative GPA of 2.25 or higher (GPA is computed based on all grades in physics courses, chemistry courses, engineering courses, courses in mathematics that are prerequisites to MATH 2114, and mathematics calculus courses.)
- If a student fails to qualify for a first course in calculus or does not have a cumulative GPA of 2.25 or higher by the end of the semester in which 36 credit hours are attempted (W's, SUS's, and XF's count toward the number of credit hours attempted), the student will be removed from the College of Engineering.

Transfer Students

Students transferring from another university or college are considered transfer Students. The following admission regulations apply to transfer students:

- Students transferring into any of UNO's College of Engineering programs must have earned a C or better in all courses expected to be transferred for curriculum credit.
 - Transfer students **with fewer than 24 transferable hours** must meet the first-time freshman engineering requirements. In addition, they:
 - Must have earned at least a 2.25 Transfer GPA on all coursework, and,
 - Satisfy all other university admission standards.
 - Transfer students with **24 or more but fewer than 36 transferable hours** will be admitted to the College of Engineering but must meet the following criteria to take upper level engineering courses:
 - Qualify for a pre-calculus trigonometry course (e.g., MATH 1126),
 - Have earned a 2.25 or higher Transfer GPA, and,
 - Satisfy all other university admission standards.
 - Transfer students with **24 or more but fewer than 36 transferable hours** will be directly admitted to the College of Engineering **with an Engineering classification** but must meet the following criteria to take upper level engineering courses:
 - Qualify for or have credit in a college-level calculus course (e.g., MATH 2114), and,
 - Satisfy all other university admission standards.
 - Transfer students with **36 or more transferable hours** may only be admitted to the College of Engineering with the Engineering classification and must satisfy the following:
 - Qualify for or have credit in a college-level calculus course (e.g., MATH 2114), and,
 - Satisfy all other university admission standards.
- Engineering orientations are offered in conjunction with the freshmen and transfer student orientations.

Requirements for the Baccalaureate Degree

The degree of Bachelor of Science in Engineering may be granted upon satisfactorily meeting the following requirements:

- Completion of a program of study selected from the following four fields: Civil Engineering, Electrical Engineering, Mechanical Engineering, and Naval Architecture and Marine Engineering.
- Approval of all electives by the department.
- Completion of all University General Degree Requirements.
- Obtain a cumulative grade-point average of 2.0 ("C" average) in:
 - the Cumulative GPA- all courses attempted anywhere, at any time (this requirement includes all transfer work, whether applicable to a particular degree or not);
 - the UNO Cumulative GPA- all work taken at UNO;
 - the Major GPA- all work in the Major subject (i.e., ENCE, ENEE, ENME, or NAME).

The four major engineering disciplines curricula is continually evolving, therefore students are strongly encouraged to complete degree requirements as stated in an official curriculum that is assigned as the students Catalog Year. Please check University Regulations for Catalog Year information.

The latest curriculum will always be the one most "up-to-date," reflecting technological developments and criteria established by ABET, the national accrediting board for engineering curricula.

At the beginning of the semester prior to graduation (e.g. the Fall semester, if planning to graduate in Spring), the student should complete a Graduation Verification Sheet with the College Advisor. (A student in the Electrical Engineering curriculum must complete this verification process two semesters prior to graduation.) The student must have it approved by his/her Department Chair or Associate Chair. This process ensures the student's final transcript meets all requirements for the baccalaureate degree in the chosen field. It should, however, be noted it is the student's responsibility to ensure all the requirements for graduation are met.

Engineering Academic Probation

If an engineering student (i.e., a student with the engineering classification as opposed to the pre-engineering classification) earns less than a 2.0 GPA in any given semester on his or her Term GPA, Cumulative GPA, or UNO GPA, that student will be placed on Engineering Academic Probation. Engineering Academic Probation is not the same University Academic Probation. As such, the probation rules are different. While on Engineering Academic Probation, a student will not be allowed to enroll in more than 12 credit hours in Spring or Fall and 6 hours in Summer (fewer at the Chair's or Dean's discretion). A student on Engineering Academic Probation must receive approval from the departmental Chair before enrolling in any course that counts toward the engineering degree. The student will remain on Engineering Academic Probation until his or her Cumulative GPA, UNO GPA, and Major GPA are all at least

a 2.0. Please see University Regulations for University probation rules.

Scholastic Drop from Engineering

A student with the engineering classification earning less than a 2.0 GPA on his or her Cumulative GPA, UNO GPA, or Major GPA, for three consecutive Fall/Spring semesters will be dropped from the College of Engineering.

While a pre-engineering student cannot be placed on Engineering Academic Probation, if a pre-engineering student fails to qualify for a first course in calculus OR does not earn a Cumulative pre-engineering Major GPA of 2.25 or higher by the end of the semester in which 36 credit hours are attempted, that student will be removed from the College of Engineering (the Pre-Engineering GPA is computed based on all grades in physics courses, chemistry courses, engineering courses, courses in mathematics that are pre-requisites to MATH 2114, and mathematics calculus courses.) The grades of W, SUS, and XF count toward the number of credit hours attempted. There are no exceptions.

Dual-Degree Program with Xavier, SUNO, Loyola, Dillard

The University of New Orleans (UNO) has established a cooperative dual degree also known as the 3+2 Program in Physics/Engineering. The Program is five to 5.5 years in length, depending on the Program, and leads to a Bachelor of Science degree in Physics from the cooperating university and a Bachelor of Science in Engineering degree from UNO. Students attend the cooperating university for three years, majoring in physics, and then transfers to UNO for two additional years, concentrating in one of the four professional engineering degree programs: Civil, Electrical, Mechanical, or Naval Architecture and Marine Engineering. Students are awarded the two baccalaureate degrees upon completion of the five or 5.5 year program.

Program Requirements

During the first three years of the program the student takes basic arts and sciences courses. The student is then eligible to pursue UNO's B.S. in engineering curricula. (Admission to the program, at the UNO College of Engineering is required.) Students will not be permitted to graduate under catalogs dated prior to the date of acceptance to UNO program. At the time of admission the student will receive advising necessary to direct and complete the program. The student must be admitted to UNO and to the College of Engineering (not pre-engineering) for the last 60 hours of the engineering degree. Cross-registered courses taken before admission to the College of Engineering do not count in the 60 hours. Students not admitted before the last 60 hours will be considered as transfer students, not as dual degree or 3+2 students. General degree requirements must be completed before the baccalaureate degrees can be awarded. For details, contact the College of Engineering office at Room EN 910, 2000 Lakeshore Drive, New Orleans, LA 70148, (504.280.6328).

Credits gained at the two institutions will be mutually accepted, if they meet the requirement at each institution. Engineering courses completed at UNO will be counted, in part, as electives in the physics program, and physics courses taken will be counted, in part, as electives in the UNO engineering programs. To be eligible for UNO's B.S. in engineering degree, junior-year students must have a 2.5 grade-point average (on a 4-point system). Students must earn a grade of 2.0 or better at UNO in all science, mathematics and engineering courses.

Academic Program Planning

Students must schedule advising sessions at regular intervals to develop a Program of Study within the constraints of the various options which is best suited to accomplish their goals for a professional career in engineering or for advanced study. Advantage should be taken of the specific expertise of various faculty members in the traditional and contemporary fields of engineering.

A normal semester course load for a student holding no outside employment is 15-18 hours. Deficiencies or unsatisfactory grades may require the student to attend summer school or to extend the time of study beyond the normal four-year period. No student may register for more than 19 the time of study beyond the normal four-year period. No student may register for more than 19 hours without consent of the Dean (See Maximum and Minimum Work in the University Regulations). Students on academic probation may not enroll in more than 13 hours. New freshmen are strongly advised to limit their initial registration to 15 hours. All students are expected to become familiar with the general education requirements, attendance regulations, grade point requirements, and rules concerning the maintenance of Good Academic Standing stated in the University Regulations.

Electives

Non-science and engineering electives should be chosen so as to satisfy the particular requirements for the student's major. Duplication of subject matter should be avoided.

Accelerated Masters

Civil Engineering, Accelerated Master's (BSCE & MSE)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science in Civil Engineering degree and a Master of Science in Engineering degree.

Electrical Engineering, Accelerated Masters (BSEE & MSE)

The BSEE-MSE Accelerated Master's (AM) Degree offers the opportunity for outstanding Electrical Engineering students who are still pursuing the Bachelor of Science in Electrical Engineering (BSEE) to begin earning credit toward the Master of Science in Engineering (MSE).

Guidelines

- An updated undergraduate plan of study, outlining all requirements for the BSEE degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
- Before an undergraduate BSEE-MSE AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
- **Graduate Coursework:**
 - BSEE-MSE AM students may apply a maximum of **6** graduate hours to the BSEE degree. Graduate coursework in the following areas will not count in the BSEE-MSE AM program toward the BSEE degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other field-based placement, or thesis;
 - Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of **3.00**. Graduate courses in which a GPA is less than **3.00** may be counted towards satisfaction of the BSEE degree but not towards the MSE degree;
 - To remain in an BSEE-MSE AM degree program, the student must maintain at least a **3.00** overall GPA in graduate coursework.
- The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferable to the MSE degree and will show on both the graduate and undergraduate transcripts.
- The BSEE degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
- If an AM student requests admission to any other master's program (or does not complete the MSE degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.

Mechanical Engineering, Accelerated Master's (BSME & MSE)

The BSME-MSE Accelerated Master's (AM) Degree offers the opportunity for outstanding Mechanical Engineering students who are still pursuing the Bachelor of Science in Mechanical Engineering (BSME) to begin earning credit toward the Master of Science in Engineering (MSE).

Requirements

BSME-MSE AM students must have a cumulative undergraduate GPA of at least **3.2** to be conditionally admitted into the MSE program. Students may not enroll in graduate courses until they have:

- completed all requirements for the Core Curriculum;
- completed a minimum of **90** hours of undergraduate work, including at least **18** hours of upper-level courses in the major; and
- been conditionally admitted to a master's program.

Conditional admission does not guarantee full admission to the program. Criteria for full admission to the MSE program are:

- Conferral of the BSME degree (student must file Application for Graduation for Bachelor's in **year 4**);
- Cumulative undergraduate GPA of **3.0**; and
- Satisfaction of all requirements for admission to the MSE program **prior to the start of year 5** (entrance test scores, statement of purpose, recommendations, etc.).

Guidelines

- An updated undergraduate plan of study, outlining all requirements for the BSME degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
- Before an undergraduate BSME-MSE AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
- **Graduate Coursework:**
 - BSME-MSE AM students may apply a maximum of **6** graduate hours to the BSME degree. Graduate coursework in the following areas will not count in the BSME-MSE AM program toward the BSME degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other field-based placement, or thesis;
 - Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of **3.00**. Graduate courses in which a GPA is less than **3.00** may be counted towards satisfaction of the BSME degree but not towards the MSE degree;
 - To remain in an BSME-MSE AM degree program, the student must maintain at least a **3.00** overall GPA in graduate coursework.
- The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferable to the MSE degree and will show on both the graduate and undergraduate transcripts.
- The BSME degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
- If an AM student requests admission to any other master's program (or does not complete the MSE degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.

Naval Architecture and Marine Engineering, Accelerated Master's (BSNAME & MSE)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Naval Architecture and Marine Engineering degree and a Master of Science in Engineering degree.

Doctor of Philosophy

Engineering and Applied Science, Civil & Environmental Concentration, Ph.D.

Engineering and Applied Science, Electrical Engineering Concentration, Ph.D.

Engineering and Applied Science, Engineering Management Concentration, Ph.D.

Engineering and Applied Science, Mechanical Engineering Concentration, Ph.D.

Engineering and Applied Science, Naval Architecture & Marine Engineering Concentration, Ph.D.

Engineering and Applied Science, Ph.D.

The Doctor of Philosophy in Engineering and Applied Science is an interdisciplinary, integrative degree involving faculty from the College of Engineering and the College of Sciences. The program is designed for those engineers who will extend the frontiers of engineering. The graduate will have knowledge that is both broad in fundamentals as well as strongly focused in the area of his/her research. Research is the centerpiece of a Ph.D. program. It is expected that the graduate's research will substantially expand the knowledge of the engineering profession.

Student Learning Outcomes

- Students are expected to exhibit a graduate-level understanding of basic theoretical views and computational/experimental methods in engineering and applied sciences, as well as advanced expertise within their chosen specialty.
- Students are expected to demonstrate the ability to conduct an independent research program. This may involve designing and running experiments or conducting computational analyses, analyzing and interpreting data, and presenting the findings in writing in the context of the existing literature in the field.
- Students will be able to appraise, analyze and assess advanced topics in their specific discipline via oral communication.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

admission to the doctoral program is based on reasonable evidence that the applicant will prove capable of scholarly research on a broad intellectual foundation. All students enrolling in the program must have a Master's degree from an accredited college or university in engineering, physics, mathematics, earth and environmental sciences, computer science, or a closely related field, or be willing to complete coursework required in an existing Master's program in one of the participating departments at UNO while pursuing the Ph.D. Admission decisions will be based primarily on grade-point average, Graduate Record Examination scores, and letters of recommendation.

Degree Requirements

81 graduate credit hours are required in total for the Ph. D. program in Engineering & Applied Science, of which 30 hours in dissertation research are required and a minimum of 51 semester credit hours of graduate course work in an approved program beyond the Bachelor's degree. Up to 30 graduate credit hours from a Master's degree program, if the area of the Master's degree is relevant to the concentration, may be applied towards the satisfaction of credit hours for the Ph.D. Students may choose a concentration from Civil and Environmental Engineering, Electrical Engineering, Engineering Management, Mechanical Engineering, Naval Architecture and Marine Engineering, Computer Science, Earth and Environmental Sciences, Mathematics, or Physics. Program qualification, in the form of a Qualifying Examination, is administered by the department of the major professor(s). It is based on material in a typical departmentalized master's degree program, or equivalent. A doctoral dissertation based on the results of original research under the guidance of a faculty committee and defended in a public examination is required for the completion of the doctoral program. The student's dissertation advisory committee will consist of at least five members, of which no more than three can be from the major department, and one must be from the other college. Courses are chosen with the consent of the dissertation advisory committee. The committee shall consider the interdisciplinary nature of the program when it approves the courses. A minimum of nine credits (three courses) must be taken in each college. A General (comprehensive) Examination will be administered by the dissertation advisory committee. The examination will be based on material in the student's program of study. After passing the General Examination the Ph.D. student is expected to write a dissertation prospectus and defend it before the dissertation advisory committee. After a successful defense and committee approval of the prospectus, the student may pursue research leading to the dissertation. The dissertation should reflect the interdisciplinary nature of the program. There must be a final public defense of the dissertation administered by the dissertation advisory committee.

Financial Aid

Teaching and research assistantships are available to qualified graduate students on a competitive basis.

Concentration Requirements

Students may choose a concentration from:

- Civil and Environmental Engineering
- Electrical Engineering
- Engineering Management
- Mechanical Engineering
- Naval Architecture and Marine Engineering
- Earth and Environmental Sciences
- Mathematics or
- Physics.

Master of Science in Engineering

Engineering, M.S.E.

Student Learning Outcomes

- For a chosen problem, develop and specify appropriate physical or system models.
- Specify or design an experiment to meet a need, conduct the experiment, analyze and explain the resulting data.
- Identify, formulate, and solve complex engineering problems (physical or system. models) by selecting and applying appropriate mathematical/computational tools and techniques.
- Synthesize advanced technical knowledge in a traditional or emerging area of:

Civil and Environment Engineering
Electrical Engineering
Mechanical Engineering
Naval Architecture and Marine Engineering

Admission

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants seeking admission to a graduate program in engineering must have received a bachelor's degree in a field of engineering from an ABET-accredited engineering or closely related program or, in the case of foreign students, must present evidence of an equivalent preparation.

Furthermore, all students must complete all requirements for the graduate courses in which they wish to enroll, and must meet any additional general requirements as stipulated by the Graduate School and the College of Engineering.

Applicants without an Undergraduate Degree in Engineering

Applicants with Bachelor of Science degrees in mathematics, the sciences, or other undergraduate degrees will be considered on a case-by-case basis. Such students must complete a core program specific to each department including any prerequisite for each or pass the equivalent credit examinations with a grade of "B" or better. Such students would be best advised by the particular department in which they seek to enroll.

Degree Requirements

After admission, students are required to select an area of concentration. A choice is provided between a thesis option, calling for 30 hours of graduate credit, of which six hours are thesis research; and a non-thesis option, requiring 30 hours of graduate credit, including three hours of a Master's project (ENEE 6095 or ENME 6095 or ENCE 6095 or NAME 6093).

Both options require that at least 15 course credit hours be at the 6000-level. Up to 6 credit hours may be taken, upon advice of the student's advisor, in related subjects outside of the College of Engineering.

Concentrations

Concentrations are offered in the following areas:

- Civil/Environmental Engineering
- Electrical Engineering
- Mechanical Engineering
- Naval Architecture and Marine Engineering

Master of Science in Engineering Management

Engineering Management, M.S.E.M.

The College of Engineering offers a Master of Science in Engineering Management degree. This program makes use of the expertise and resources of the faculty of both the College of Engineering and the College of Business Administration. This program is intended for engineers who wish to remain in their engineering area of expertise but desire to improve their managerial skills and their understanding of business practices.

Student Learning Outcomes

- Demonstrate advanced knowledge of engineering management methods for use in technology organizations.
- Apply knowledge of technical organizations at a strategic level, and the role and practices of the various business functions.
- Apply modern tools for effective engineering management.
- Demonstrate the ability to construct and perform an effective presentation related to capstone project.
- Perform advanced research in engineering management theory or practice.

Admission

In addition to meeting the [minimum standards for admission to the Graduate School](#), applicants to the master of science in engineering management program must possess a baccalaureate degree in engineering, mathematics, or an applied science. Applicants are expected to have an undergraduate GPA of at least 3.0. Applicants who have an undergraduate GPA between 2.5 and 3.0 may be considered for admission on a case-by-case basis.

Degree Requirements

The Master of Science in Engineering Management requires a total of 30 graduate credit hours completed in either a thesis or non-thesis option.

Non-Thesis Option

Completion of 30 credit hours including 18 credit hours of required core courses and three credit hours for a capstone course. The remaining 9 credit hours must be selected from approved electives.

Thesis Option

Completion of 30 credit hours including six credit hours of thesis research, and 18 credit hours of required core courses. The remaining six credit hours must be selected from approved electives.

Optional Concentration

Students may select a concentration in Systems Innovation Engineering. Students pursuing the Systems Innovation Engineering concentration are required to take MANG 5750 as well as three elective courses chosen from systems-based, domain specific courses in either Engineering, Computer Science, or Business.

Department of Civil Engineering

Civil Engineering applies the laws and principles of the basic sciences, primarily mechanics, to the design, modification, construction, and building of structures of all kinds, to resist and harness the forces of nature, and to improve the quality of life. Civil engineers are responsible for planning, designing, and constructing onshore and offshore operating structures, water-supply and waste-disposal systems, air- and water- pollution-control systems, flood-control systems, and transportation systems. In essence, civil engineers are concerned with the environment of modern society.

Educational Objectives of the Civil Engineering Program

The Civil Engineering Program Educational Objectives can be summarized as follows. Graduates of the Civil Engineering Program at the University of New Orleans, within a few years after graduation:

- Will meet or exceed the expectations of the employers of program graduates.
- Will attain professional advancement.
- Will serve the needs of society by working and assuming leadership roles in the related fields of civil engineering.

The Department of Civil and Environmental Engineering at UNO offers a four-year program leading to the Bachelor of Science in Civil Engineering degree. The UNO Civil Engineering curriculum is accredited by the Engineering Accreditation Commission of ABET. The University also offers graduate programs leading to the Masters of Science in Engineering and Ph.D. in Engineering and Applied Science.

Bachelor of Science

Urban Construction Management

About the Degree

The B.S. in Urban Construction Management degree at UNO can be obtained by completing 120-credit-hour coursework over a period of 4 years.

The rapid speed and widespread extent of urbanization will demand amplified basic services for the citizens including affordable housing, reliable water, wastewater, and storm water management systems, well-planned transportation provisions, and other efficient civil infrastructure utilities. Practicing engineers, designers, and construction managers currently face the challenge of changing the status quo of their work and adapting their design/management methods to

embed sustainable thought process throughout all of their decision making methods. The University of New Orleans' Construction Management degree focuses on urban residential and commercial development coupled with rehabilitation and restoration of existing municipal infrastructures and historic preservation.

Student Learning Outcomes

Upon completing the Bachelor of Science in Urban Construction Management degree from the University of New Orleans, the student will be able to:

- Describe different urban residential and commercial construction techniques;
- Evaluate sustainability principles in planning, design, and construction of an urban construction project;
- Manage an urban construction project effectively; and
- Formulate restoration plan and manage rehabilitation of a historic construction.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- PHIL 2201 - Ethics - **Credits: 3**
- FTA 2650 - Oral Communications - **Credits: 3**
- English Literature - **Credits: 3**
(Please choose Literature from the Gen Ed Menu.)

Social Sciences

- ANTH 1010 - Peoples of the World - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**

Arts

- Art Elective - **Credits: 3**
(Please choose Art Elective from the Gen Ed Menu.)

Major Requirements

- ENCM 1000 - Introduction to Urban Construction Management - **Credits: 2**
- ENCM 2100 - Construction Graphics - **Credits: 3**
- ENCM 2300 - Urban Architectural Design in Construction - **Credits: 3**
- ENCM 2311 - Construction Materials Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**

- ENCM 2350 - Structure I - **Credits: 3**
- ENCM 3130 - Urban Construction Techniques & Methods - **Credits: 3**
- ENCE 3391 - Construction Pr Management - **Credits: 3**
- URBN 3710 - Fundamentals of Urban Design - **Credits: 3**

- ENCM 3200 - Construction Codes, Documents, and Specifications - **Credits: 3**
- ENCM 3340 - Soils and Equipment (tbd) - **Credits: 3**
- ENCM 3350 - Advanced Structures (tbd) - **Credits: 3**
- ENCM 3600 - Construction Estimating (tbd) - **Credits: 3**
- ENCM 3620 - Construction Scheduling (tbd) - **Credits: 3**
- ENCM 3800 - Construction Finance and Feasibility (tbd) - **Credits: 3**
- ENCM 4500 - MEP Construction (tbd) - **Credits: 3**
- ENCM 4600 - Construction Safety Regulations (tbd) - **Credits: 3**
- ENCM 4610 - Historic Structures Restoration and Preservation (tbd) - **Credits: 3**
- ENCM 4630 - Construction Law and Contracts (tbd) - **Credits: 3**
- ENCM 4640 - Sustainable Construction Techniques and Green Building (tbd) - **Credits: 3**
- ENCM 4700 - Computer Applications in Construction (tbd) - **Credits: 3**
- ENCM 4800 - Urban Construction Management Internship (tbd) - **Credits: 3**
- ENCM 4900 - Capstone Project (tbd) - **Credits: 3**

Other Requirements

- ENGR 1000 - Introduction to Engineering - **Credits: 1**
- URBN 1000 - Introduction to Cities - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- ACCT 2100 - Principles of Accounting - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**

Total Credit Hours: 120

Total Credit Hours: 120

Bachelor of Science in Civil Engineering

Civil Engineering, B.S.

Educational Objectives of the Civil Engineering Program

The Civil Engineering Program Educational Objectives can be summarized as follows. Graduates of the Civil Engineering Program at the University of New Orleans, within a few years after graduation:

- Will meet or exceed the expectations of the employers of program graduates.
 - Will attain professional advancement.
 - Will serve the needs of society by working and assuming leadership roles in the related fields of civil engineering.
- The Department of Civil and Environmental Engineering at UNO offers a four-year program leading to the Bachelor of Science in Civil Engineering degree. The UNO Civil Engineering curriculum is accredited by the Engineering Accreditation Commission of ABET. The University also offers graduate programs leading to the Masters of Science in Engineering and Ph.D. in Engineering and Applied Science.

Student Learning Outcomes

The following student outcomes prepare graduates of the Civil Engineering Program to attain the program educational objectives:

- An ability to apply knowledge of mathematics, science, and engineering.
- An ability to conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility

- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and social context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 39

Other Requirements

- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENCE 2302 - Civil Eng Comp & Gr Lecture - **Credits: 3**
- ENCE 2303 - Program Graphics Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENME 2750 - Dynamics - **Credits: 3**
- ENCE Electives **Credits: 6**⁵

Total Credit Hours: 40

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Course Requirements for Major

- ENCE 3318 - Fluid Mechanics - **Credits: 3**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**
- ENCE 3356 - Structural Analysis - **Credits: 4**
- ENCE 3391 - Construction Pr Management - **Credits: 3**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**
- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**
- ENCE 4386 - Principles Transp & Hwy Engr - **Credits: 3**
- ENCE 4390 - Sr Civil Engr Design Project - **Credits: 3**
- ENCE 4399 - Civil Envir Engr Seminar - **Credits: 2**

Total Credit Hours: 48

Total Credit Hours Required: 127

Minimum Cumulative GPA of 2.0 for all undergraduate coursework.

- "C" or better required
- Check General Education Courses to confirm courses fulfilling this requirement. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy listed in general education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in General Education Requirements section. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Electives must be selected from 4000-level courses and must include a minimum of six credits.
- To graduate with a degree in Engineering, the student must satisfy the General Degree requirements of the University.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- Biology Elective **Credits: 3**
- ENCE 2302 - Civil Eng Comp & Gr Lecture - **Credits: 3**
- ENCE 2303 - Program Graphics Lab - **Credits: 1**
- ENCE 2310 - Elem Surveying Measurements - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Arts Elective **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 18

Second Year of Enrollment

First Term

- Literature Elective **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- Social Sc. Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- Humanities Elective **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- ENCE 3318 - Fluid Mechanics - **Credits: 3**
- ENCE 3356 - Structural Analysis - **Credits: 4**

Total Credit Hours: 13

Second Term

- ENCE 3390 - Basic Project Management - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE Elective **Credits: 3**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**

Total Credit Hours: 17

Fourth Year of Enrollment

First Term

- Civil Engr. Elective **Credits: 3**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4386 - Principles Transp & Hwy Engr - **Credits: 3**
- ENCE 4390 - Sr Civil Engr Design Project - **Credits: 3**
- ENCE 4399 - Civil Envir Engr Seminar - **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 128

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in civil engineering degree which requires 127 credit hours.

Graduate Certificate

Coastal Engineering Graduate Certificate

After successful completion of this certificate, students should be able to:

- Utilize basic principles of wind and wave generation to understand coastal sediment transport
- Design gravity dams, spillways, drop structures, stilling basins, sector gates and outfall structures
- Design levees and analyze slope stability, settlement, and seepage
- Compute sediment load using principles of sediment transport.
- Estimate cost for different dredging methods in the context of coastal restoration.
- Utilize principles of coastal morphodynamics to predict delta evolution, shoreline change, and marsh edge erosion.

Curriculum

- 12 graduate credit hours earned in: Ocean and Coastal Engineering, Coastal Processes, Sediment Transport and Dredging, and Design of Coastal and Hydraulic Structures.
- The cumulative grade point average (GPA) of the four courses must be a minimum of a B average (3.0) to earn the certificate.
- All courses will be offered in a dual format (classroom + online over the internet). This will provide opportunity for practicing engineers to take advantage of the certificate program.
- Certificate courses can be taken by practicing engineers with a bachelor's degree in Engineering, Sciences, or related fields. Students may apply credit earned in these courses towards their M.S. in Engineering program if they are offered admission to the program and the coursework is completed within the time limit for Master's degrees.

Admission requirements

A bachelor's degree earned in Engineering or related field with a cumulative GPA of 2.5 is required for entry to the Certificate program.

Minor

Civil Engineering Minor

Minor Requirements

Non-civil engineering students wishing to earn a minor in civil engineering must complete a minimum of 24 credit hours of civil engineering courses. Of this total, 10 credit hours are required, and 14 credit hours are electives. Details of these courses are presented below.

Required Courses

- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENME 2750 - Dynamics - **Credits: 3**
- Principles of hydraulics or Fluid Mechanics **Credits: 3**

Total Credit Hours: 10

Select Two Courses of the Following

- ENCE 3356 - Structural Analysis - **Credits: 4**
- ENCE 3326 - Environmental Engineering Lab - **Credits: 1**
- ENCE 3327 - Intro to Environmental Engr - **Credits: 3**
- ENCE 3340 - Geotechnical Engineering - **Credits: 3**
- ENCE 3341 - Soil Mechanics Laboratory - **Credits: 1**
- ENCE 4318 - Hydraulic Engineering Systems - **Credits: 3**
- ENCE 4319 - Fluid Mech & Hyd Engr Lab - **Credits: 1**

Total Credit Hours: 8

Select Two Courses of the Following

- ENCE 4321 - Hydrology - **Credits: 3**
- ENCE 4322 - Water Supply & Sewer Systems - **Credits: 3**
- ENCE 4323 - Design Water/Wastewater Syst - **Credits: 3**
- ENCE 4328 - Air Pollution Contrl - **Credits: 3**
- ENCE 4340 - Foundation Engineering - **Credits: 3**
- ENCE 4358 - Structural Steel Design - **Credits: 3**
- ENCE 4359 - Structural Concrete Design - **Credits: 3**

Total Credit Hours: 6

Total Credit Hours Required: 24

Department of Electrical Engineering

The Department of Electrical Engineering offers the Bachelor of Science in Electrical Engineering. Students may elect to follow the Computer Engineering concentration. Electrical Engineering emphasizes the traditional areas of electronics, power, communications, and control, while the Computer Engineering Concentration emphasizes the areas of digital integrated circuits, computer systems, and embedded microsystems. Electives are available which allow both Electrical Engineering and Computer Engineering students to obtain breadth and depth in other areas.

The Department of Electrical Engineering has the goal of producing well-educated electrical and computer engineers who will be successfully employed in industry at the regional and national levels or who will continue with graduate studies. The curriculum is designed for maximum breadth of coverage of electrical and computer engineering topics while allowing considerable depth in certain areas chosen by each student. The majority of the department's graduates are employed in the electronics, communications, computer, power, oil and petrochemical, and consulting industries. Other areas of electrical and computer engineering are available in the curriculum via electives.

Students may select a concentration in either Electrical Engineering or Computer Engineering. The traditional areas of electronics, power, communications, and controls are emphasized in the Electrical Engineering Concentration, while the Computer Engineering Concentration emphasizes the areas of digital electronics, computer architecture, operating systems, and software development. Electives are available which allow students in either concentration to obtain breadth and depth in other areas.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students.

The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical

- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Bachelor of Science

Electrical Engineering, B.S.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students.

The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical
- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science, and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- Knowledge of probability and statistics and an ability to apply this knowledge to solve electrical engineering problems.
- Knowledge of mathematics through differential and integral calculus, basic sciences, computer science, engineering sciences and electrical engineering necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components.
- Knowledge of advanced mathematics including differential equations, linear algebra, complex variables, and discrete mathematics.
- An ability to manage engineering projects.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 41

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGR 3090 **Credits: 1**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- MATH 2221 - Elem Differential Equations - **Credits: 3**

Total Credit Hours: 40

4

Course Requirements for Major

- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**⁵
OR
- ENEE Electives **Credits: 4**⁶

- ENEE 3583 - Computer System Design - **Credits: 3**⁵
OR
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**⁶
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- ENEE Electives (3xxx or 4xxx) **Credits: 9**
- ENEE Elective^{5,6} or CSCI Elective⁵ **Credits: 3**

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**⁵
OR
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**⁶

Total Credit Hours: 43

Total Credit Hours Required: 122

- "C" or better required
 - Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - Includes 2 credits of Math listed in General Education requirements section
 - Required courses for Electrical Engineering Degree with Computer Engineering concentration
 - Required courses for Electrical Engineering Degree with no concentration
- A **minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.**

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 2114 - Calculus I - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- PHIL 2244 - Engineering Ethics - **Credits: 1**

Total Credit Hours: 16

Second Term

- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 2582 - Digital System Design - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2152 **Credits: 3**

Total Credit Hours: 17

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- Literature Elective **Credits: 3**

Total Credit Hours: 14

Third Year of Enrollment

First Term

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- BIOS Elective **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- Social Science Elective **Credits: 3**
- Arts Electives **Credits: 3**
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENGR 3090 **Credits: 1**
- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective Lab 3000+ **Credits: 1**
- ENEE Elective 3000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**

- ENEE Elective 3000+ **Credits: 3**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 123

1

• UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree which requires 122 credit hours.

Electrical Engineering, Computer Engineering Concentration, B.S.

Educational Objectives of the Electrical Engineering Program

The objectives were developed by the faculty in consultation with the Electrical Engineering Industry Advisory Board and were approved by electrical engineering students. The objective of the Electrical Engineering program of the University of New Orleans is to produce graduates who are successful practitioners of electrical and computer engineering and appreciate the value of furthering their education.

Driven by the University's urban mission and the needs of (and our ties with) industry of the Gulf Coast region, the Electrical Engineering program meets the demands of the following industries:

- Energy and petrochemical
- Data and telecommunication
- Computer Engineering
- Information and systems technologies
- Consulting
- Industrial power and controls
- Electronics design and manufacturing
- Shipbuilding

The Electrical Engineering program also meets the demands of national industries and serves as a foundation for graduate education.

A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science, and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- Knowledge of probability and statistics and an ability to apply this knowledge to solve electrical engineering problems.
- Knowledge of mathematics through differential and integral calculus, basic sciences, computer science, engineering sciences and electrical engineering necessary to analyze and design complex electrical and electronic devices, software, and systems containing hardware and software components.
- Knowledge of advanced mathematics including differential equations, linear algebra, complex variables, and discrete mathematics.
- An ability to manage engineering projects.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 41

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGR 3090 **Credits: 1**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- MATH 2221 - Elem Differential Equations - **Credits: 3**

Total Credit Hours: 40

4

Course Requirements for Major

- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3540 - Engineering Electronics - **Credits: 3**

- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**⁵
OR
- ENEE Electives **Credits: 4**⁶

- ENEE 3583 - Computer System Design - **Credits: 3**⁵
OR
- ENEE 3533 - Classical Control Sys Design - **Credits: 3**⁶
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- ENEE Electives (3xxx or 4xxx) **Credits: 9**
- ENEE Elective^{5,6} or CSCI Elective⁵ **Credits: 3**

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**⁵
OR
- ENEE 3560 - Engineering Electromagnetics I - **Credits: 3**⁶

Total Credit Hours: 43

Computer Engineering Concentration

- ENEE 3583 - Computer System Design - **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- ENEE Elective or CSCI Elective **Credits: 3**

Total Credit Hours: 13

Total Credit Hours Required: 122

- "C" or better required
 - Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - Includes 2 credits of Math listed in General Education requirements section
 - Required courses for Electrical Engineering Degree with Computer Engineering concentration
 - Required courses for Electrical Engineering Degree with no concentration
- A minimum grade of C or better is required in MATH 2124, ENEE 2550, ENEE 2551, and ENEE 3530.**

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 2114 - Calculus I - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- PHIL 2244 - Engineering Ethics - **Credits: 1**

Total Credit Hours: 16

1

Second Term

- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENEE 2582 - Digital System Design - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- **OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2152 **Credits: 3**

Total Credit Hours: 17

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- Literature Elective **Credits: 3**

Total Credit Hours: 14

Third Year of Enrollment

First Term

- ENEE 3540 - Engineering Electronics - **Credits: 3**
- ENEE 3530 - Cont & Discrete Sig Syst Analy - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- BIOS Elective **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE 3572 - Prob Meth Signal Sys Analysis - **Credits: 3**
- ENEE 3543 - Engineering Electronic Systems - **Credits: 3**
- ENEE 3517 - Engr Electronics Lab - **Credits: 1**
- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3512 - Microprocessor Design Lab - **Credits: 1**
- Arts Elective **Credits: 3**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- Social Science Elective **Credits: 3**
- ENEE 3587 - Microcontroller Interfacing - **Credits: 4**
- ENEE 3091 - Senior Elec Eng Design Project - **Credits: 1**
- ENGR 3090 **Credits: 1**

- ENEE 3583 - Computer System Design - **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ENEE Elective 3000+ **Credits: 3**
- ENEE Elective 3000+ **Credits: 3**
- ENEE or CSCI Elective 3000+ **Credits: 3**
- ENEE 3092 - Senior Elec Eng Design Project - **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 123

1

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in electrical engineering degree which requires 122 credit hours.

Minor

Electrical Engineering Minor

Minor Requirements

Students wishing to minor in Electrical Engineering may do so by completing 19 hours of required courses and electives in Electrical Engineering (ENEE prefix) with a grade of C or better in each course.

Required Courses:

- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 2510 - Circuits Laboratory - **Credits: 1**
OR
- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**
- ENEE 2582 - Digital System Design - **Credits: 3**

Other Courses:

In addition to the required courses, students must complete 9 hours of Electrical Engineering courses at the 3000 or 4000 level.

Undergraduate Certificate

Data Engineering Undergraduate Certificate

Prerequisite Courses for Required Courses

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed below:

- ENEE 1530 - Engineering Software Tools - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2124 - Calculus II - **Credits: 4**

Prerequisite Courses for ENEE 3582 option

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed below:

- ENEE 2586 - Digital Systems Laboratory - **Credits: 2**

Required Courses

- ENEE 2530 - EE Software Tools - **Credits: 3**
- ENEE 2582 - Digital System Design - **Credits: 3**
- MATH 4311 - Intro Mathematical Statistics - **Credits: 3**

Elective Courses (Choose two of three)

- ENEE 3582 - Digital Design Using Micros - **Credits: 3**
- ENEE 3571 - Cloud Technology Foundations - **Credits: 3**
- ENEE 4583 - Deep Learning - **Credits: 3**

Power and Energy Systems Undergraduate Certificate

Prerequisite Courses

Depending on their background, students who pursue this certificate may have to also complete certain prerequisite courses. These are listed next:

MATH 2114 Calculus I

MATH 2124 Calculus II

PHYS 1061 Physics for Science and Eng. I

PHYS 1062: Physics for Science and Eng. II

Requirement

- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 2551 - Circuits II - **Credits: 3**
- ENEE 3521 - Electric Machinery - **Credits: 3**
- ENEE 3522 - Elec Power Systems - **Credits: 3**
- ENEE 3511 - Energy Conversion Laboratory - **Credits: 1**

Electives (Choose two)

- ENEE 4522 - Power System Planning & Design - **Credits: 3**
- ENEE 4526 - Protective Relaying Power Syst - **Credits: 3**
- ENEE 4543 - Power-Electronics - **Credits: 3**
If students choose ENEE 4534, they also need: ENEE 3540 Engineering Electronics, Credits 3
- ENEE 4096 - Undergraduate Ind Study - **Credits: 3**
(Renewable Energy Systems and Microcrds)

Department of Mechanical Engineering

Mechanical engineers apply the principles and laws of the basic sciences to the design, modification, operation, construction, and manufacture of machines and systems. Mechanical engineers are engaged in research, analysis, design, construction, development, testing, and sales of many kinds of mechanical devices. Mechanical engineering deals specifically with mechanisms, gears, cams, bearings, power machinery such as reciprocating and rotary engines, steam and jet turbines, compressors and pumps, various means of transportation such as aircraft, magnetic suspension trains, surface effect vehicles, and spacecraft, instrumentation, machine computation, and control/guidance systems.

The department strives to serve the needs of regional industries, especially the petrochemical process, aerospace, and manufacturing industries. A major goal of the department is to provide education for these groups. Various design courses are taught to accommodate this market.

The Department of Mechanical Engineering offers the Bachelor of Science in Mechanical Engineering. The UNO Mechanical Engineering curriculum is accredited by ABET, Inc.

The University also offers graduate programs leading to the Masters of Science in Engineering, with a concentration in Mechanical Engineering, a Masters of Science in Engineering Management, as well as a Ph.D. in Engineering and Applied Science.

Educational Objectives of the Mechanical Engineering Program

Consistent with the mission of the University and based on the needs of our constituents, the Department of Mechanical Engineering has adopted the following program educational objectives. Graduates of the University of New Orleans Mechanical Engineering Program will:

- Advance professionally, either through employment or progress towards an advanced degree, by applying their technical knowledge and abilities.
- Attain positions of increasing responsibility through employing effective workplace skills and the professional practice of engineering.

Bachelor of Science

Mechanical Engineering, B.S.

Educational Objectives of the Mechanical Engineering Program

Consistent with the mission of the University and based on the needs of our constituents, the Department of Mechanical Engineering has adopted the following program educational objectives.

Graduates of the University of New Orleans Mechanical Engineering Program will:

- Advance professionally, either through employment or progress towards an advanced degree, by applying their technical knowledge and abilities.
- Attain positions of increasing responsibility through employing effective workplace skills and the professional practice of engineering.

Student Learning Outcomes

- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An ability to apply advanced mathematics, including multi-variate calculus and differential equations.
- An ability to apply thermal/fluids concepts to mechanical engineering practice.
- An ability to apply solid mechanics concepts to mechanical engineering practice.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 3**²

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2350 - Statics - **Credits: 3**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENEE 3501 - Basic Electrical Machinery - **Credits: 3**
- ENEE 3518 - Electrical Engr Laboratory - **Credits: 1**
- ENME 1781 - Computer Aided Engr Graphics - **Credits: 3**
- ENME 2711 - Mater & Process Lab - **Credits: 1**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENME 2785 - Intro Manufacturing - **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**

Total Credit Hours: 48

4

Course Requirements for Major

- ENGR 3090 **Credits: 1**
- ENME 3020 - Engineering Analysis - **Credits: 3**
OR
- MATH 3221 - Meth in Differential Equations - **Credits: 3**
- ENME 3711 - Thermal Sciences Lab - **Credits: 1**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 3720 - Fluid Mechanics - **Credits: 3**
- ENME 4777 - Design Thermal-Fluid Systems - **Credits: 3**
- ENME 3734 - Machine Elements - **Credits: 3**

- ENME 4733 - Machine Design - **Credits: 3**
 - ENME 4754 - Mech Vibration - **Credits: 3**
 - ENME 3771 - Heat Transfer - **Credits: 3**
 - ENME 3776 - Intermed Engr Thermodynamics - **Credits: 3**
 - ENME 3780 - Intro to Comp Solid Mechanics - **Credits: 3**
- OR**
- ENME 4728 - Intro Computat Fluid Dynamics - **Credits: 3**
 - ENME Electives 3000+ **Credits: 6**
 - ENME 3735 - Mechanism Design - **Credits: 3**

Total Credit Hours: 39

Total Credit Hours Required: 126

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy listed in general education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in General Education requirements section

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- Social Science Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

1

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**
 - MATH 2124 - Calculus II - **Credits: 4**
 - PHYS 1062 - Physics Sci Engr II - **Credits: 3**
 - PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
 - CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
 - ENME 1781 - Computer Aided Engr Graphics - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- ENEE 2550 - Circuits I - **Credits: 3**
- ENCE 2350 - Statics - **Credits: 3**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**

Total Credit Hours: 15

Second Term

- MATH 2134 - Calculus III - **Credits: 4**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**
- ENME 2785 - Intro Manufacturing - **Credits: 3**
- ENME 2711 - Mater & Process Lab - **Credits: 1**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- MATH 3221 - Meth in Differential Equations - **Credits: 3**
OR
- ENME 3020 - Engineering Analysis - **Credits: 3**
- ENME 3720 - Fluid Mechanics - **Credits: 3**
- ENME 3776 - Intermed Engr Thermodynamics - **Credits: 3**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 3735 - Mechanism Design - **Credits: 3**
- ENME 3734 - Machine Elements - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENME 3771 - Heat Transfer - **Credits: 3**
- ENME 3780 - Intro to Comp Solid Mechanics - **Credits: 3**
OR
- ENME 4728 - Intro Computat Fluid Dynamics - **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**
- PHIL 2244 - Engineering Ethics - **Credits: 1**
- Biology Elective **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- ENEE 3518 - Electrical Engr Laboratory - **Credits: 1**
- ENEE 3501 - Basic Electrical Machinery - **Credits: 3**
- ENME 3711 - Thermal Sciences Lab - **Credits: 1**
- ENME Elective 3000+ **Credits: 3**
- ENME 4754 - Mech Vibration - **Credits: 3**
- ENGR 3090 **Credits:1**
- Literature Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENME 4777 - Design Thermal-Fluid Systems - **Credits: 3**
- ENME Elective 3000+ **Credits: 3**
- ENME 4733 - Machine Design - **Credits: 3**
- Arts Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 127

- UNIV 1000 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in mechanical engineering degree which requires 126 credit hours.

School of Naval Architecture and Marine Engineering

Naval architects and marine engineers work on the design of ships, boats, and offshore structures. Included are the marine systems for shipping raw materials and finished products, the frontiers of deep-sea exploration, and mineral recovery and the construction and servicing of marine systems.

UNO offers the Bachelor of Science in Naval Architecture and Marine Engineering (NAME), the Master of Science in Engineering, and the Ph.D. in Engineering and Applied Science. The UNO Naval Architecture and Marine Engineering curriculum is accredited by the Engineering Accreditation Commission of ABET, www.abet.org. These specialized degrees in Naval Architecture and Marine Engineering prepare majors for careers in the US and international shipbuilding and offshore industries by applying the principles and laws of the basic sciences and mechanics to the design, construction and operation of commercial, naval, and recreational vessels, platforms, and other floating structures.

Mission Statement

The mission of the School of Naval Architecture and Marine Engineering is to supply well-educated graduates for perpetuation and advancement of the maritime industry, to maintain and advance the practice of naval architecture and marine engineering through education and research processes, to elevate the UNO School of NAME and the University of New Orleans in prominence as a valued contributor to the marine field, and to continually strengthen direct ties with the local and national marine industry constituency.

Educational Objectives of the Naval Architecture and Marine Engineering Program

The two principal constituencies of the School of NAME to which the above mission is directed are

- the maritime industry, and
- students

Although the industry constituency encompasses the marine industry nationally, its primary target is the shipbuilding and offshore industry in the State of Louisiana and the extended Gulf Coast region. The industry constituency is considered to include an alumni sub-constituency, as essentially the entire active alumni group is composed of industry professionals.

Graduates of the School of NAME BS program are to be recognized as well educated engineers consistently demonstrating exemplary professional capabilities. The graduates are to have demonstrated the ability to direct, supervise, and make important decisions regarding the design and engineering of problems based on engineering fundamentals and modern technological tools. Graduates of the program are to have demonstrated the maturity and knowledge needed for participating in the leadership of the advancement of the NAME field.

Bachelor of Science

Naval Architecture and Marine Engineering, B.S.

Educational Objectives of the Naval Architecture and Marine Engineering Program

The two principal constituencies of the School of NAME to which the above mission is directed are

- the maritime industry, and
- students

Although the industry constituency encompasses the marine industry nationally, its primary target is the shipbuilding and offshore industry in the State of Louisiana and the extended Gulf Coast region. The industry constituency is considered to include an alumni sub-constituency, as essentially the entire active alumni group is composed of industry professionals.

Graduates of the School of NAME BS program are to be recognized as well educated engineers consistently demonstrating exemplary professional capabilities. The graduates are to have demonstrated the ability to direct, supervise, and make important decisions regarding the design and engineering of problems based on engineering fundamentals and modern technological tools. Graduates of the program are to have demonstrated the maturity and knowledge needed for participating in the leadership of the advancement of the NAME field.

Student Learning Outcomes

- An ability to apply knowledge of mathematics, science and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for, and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An ability to apply probability and statistical methods to naval architecture and marine engineering problems.
- A basic knowledge of fluid mechanics, dynamics, structural mechanics, material properties, hydrostatics, and energy/propulsion systems in the context of marine vehicles
- A familiarity of instrumentation appropriate to naval architecture and marine engineering.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- **OR**
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**²
- MATH 2124 - Calculus II - **Credits: 4**²

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENGL Literature **Credits: 3**
- PHIL 2201 - Ethics - **Credits: 3**

Social Sciences

- ECON 2000 - Engineering Economics - **Credits: 3**
- Social Science Elective (ANTH, ECON, GEOG, POLI, PSYC, SOC, URBN) **Credits: 3**⁴

Arts

- (Fine Arts, Music, FTA except FTA 2650, 2660) **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
 - ENCE 2350 - Statics - **Credits: 3**
 - ENCE 2351 - Mechanics of Materials - **Credits: 3**
 - ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
 - ENEE 2550 - Circuits I - **Credits: 3**
 - ENGR 3090 **Credits: 1**
 - ENME 2740 - Structs & Prop of Materials - **Credits: 3**
 - ENME 2750 - Dynamics - **Credits: 3**
 - ENME 2770 - Engineering Thermodynamics - **Credits: 3**
 - ENME 3020 - Engineering Analysis - **Credits: 3**
- OR**
- MATH 3221 - Meth in Differential Equations - **Credits: 3**
 - ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
 - ENME 3720 - Fluid Mechanics - **Credits: 3**
 - MATH 2134 - Calculus III - **Credits: 4**
 - MATH 2221 - Elem Differential Equations - **Credits: 3**
 - NAME 1170 - Intro to Naval Arch - **Credits: 3**
 - NAME 1175 - Naval Arch Lab - **Credits: 2**
 - NAME 2130 - Intro to Marine Eng - **Credits: 3**
 - NAME 2160 - Hydrostatics and Stability - **Credits: 3**
 - PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
 - PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 52

3

Course Requirements for Major

- NAME 3120 - Ship Hull Strength - **Credits: 3**
- NAME 3131 - Marine Engines - **Credits: 3**
- NAME 3135 - Marine Electromech - **Credits: 3**
- NAME 3150 - Ship Resistance & Propulsion - **Credits: 3**
- NAME 3155 - Mar Hydro Lab - **Credits: 1**
- NAME 3160 - Offshore & Ship Dynamics I - **Credits: 3**
- NAME 3171 - Marine Design Methods - **Credits: 3**
- NAME 4170 - Marine Design - **Credits: 3**
- NAME 4175 - Marine Design Project - **Credits: 3**
- NAME 4000-Level Electives **Credits: 12**

Total Credit Hours: 37

Total Credit Hours Required: 128

Students have to achieve a grade of "C" or better in all prerequisites to 1000-level, 2000- level and 3000-level NAME courses to NAME 4170.

- "C" or better required
- 6 credits of Math satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 2 credits of Math listed in general education requirements section
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- NAME 1170 - Intro to Naval Arch - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- ENCE 2350 - Statics - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- NAME 1175 - Naval Arch Lab - **Credits: 2**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL 2152 - Technical Writing - **Credits: 3**
- ENME 2750 - Dynamics - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- NAME 2160 - Hydrostatics and Stability - **Credits: 3**

Total Credit Hours: 16

Second Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- ENCE 2311 - Mechanics of Materials Lab - **Credits: 1**
- ENCE 2351 - Mechanics of Materials - **Credits: 3**
- ENME 3716 - Fluid Mechanics Lab - **Credits: 1**
- ENME 2770 - Engineering Thermodynamics - **Credits: 3**
- NAME 2130 - Intro to Marine Eng - **Credits: 3**
- ENME 3720 - Fluid Mechanics - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- Art Elective **Credits: 3**
- ENME 2740 - Structs & Prop of Materials - **Credits: 3**
- ECON 2000 - Engineering Economics - **Credits: 3**

- ENME 3020 - Engineering Analysis - **Credits: 3**
- **OR**
- MATH 3221 - Meth in Differential Equations - **Credits: 3**

- NAME 3120 - Ship Hull Strength - **Credits: 3**
- NAME 3150 - Ship Resistance & Propulsion - **Credits: 3**

Total Credit Hours: 18

Second Term

- ENEE 2550 - Circuits I - **Credits: 3**
- ENGL Literature Elective **Credits: 3**
- NAME 3131 - Marine Engines - **Credits: 3**
- NAME 3155 - Mar Hydro Lab - **Credits: 1**
- NAME 3160 - Offshore & Ship Dynamics I - **Credits: 3**
- NAME 3171 - Marine Design Methods - **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- ENGR 3090 **Credits: 1**
- NAME 3135 - Marine Electromech - **Credits: 3**
- NAME 4170 - Marine Design - **Credits: 3**
- NAME 4000-level Electives **Credits: 6**
- PHIL 2201 - Ethics - **Credits: 3**

Total Credit Hours: 16

Second Term

- Biology Elective **Credits: 3**
- NAME 4175 - Marine Design Project - **Credits: 3**
- NAME 4000-level Electives **Credits: 6**
- Social Science Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 129

- UNIV 1001 is required for all first-time full-time students; it does not carry credit toward the bachelor of science in Naval Architecture and Marine Engineering degree which requires 128 credit hours.

College of Liberal Arts, Education and Human Development

College of Liberal Arts, Education, and Human Development

Kim Martin Long, Dean

The College of Liberal Arts, Education and Human Development is the University of New Orleans's largest college, with 12 departments and programs, representing nearly twenty different disciplines, from the traditional liberal arts to more applied and professional programs, as well as several centers and institutes. The college offers bachelor's, master's, and doctoral programs across the many disciplines.

The departments in the college include Anthropology and Sociology; Curriculum, Instruction, and Special Education; Educational Leadership and Counseling Foundations; English and Foreign Languages; Fine Arts; History and Philosophy; Film and Theatre; Music; Planning and Urban Studies; and Political Science. Other programs in the college include Arts Administration, International Studies, Public Administration, Health and Human Performance, and Creative Writing.

Several centers and institutes are housed in the College of Liberal Arts, Education and Human Development, including the Midlo Center for New Orleans Studies, CHART (Center for Hazards Assessment, Response and Technology), UNOTI (UNO Transportation Institute), Survey Research Center, Center Austria, and The Eisenhower Center. The college also provides a home to the School of the Arts, which includes the departments of Film and Theatre, Fine Arts, Music, and the Arts Administration master's degree.

College mission statement: "The College of Liberal Arts, Education and Human Development offers programs across the spectrum of human achievement, creativity, and potential. From departments in the traditional liberal arts disciplines of arts, humanities and social sciences; to educational fields of curriculum, instruction, special education, counseling, and leadership; to urban studies, international studies, and human performance, the College is committed to helping students build their futures. COLAEHD focuses on effective student learning, community collaborations, and research that makes a difference in individual lives and in the life of the region. Our diversity is our strength as we prepare students to live and work successfully in a complex and changing world."

The information below regarding degrees, majors, minors, certifications and certificates, as well as the course descriptions is separated into two areas: liberal arts, and education and human development since often the requirements or information is very different in those two broad groups.

Accreditation

The College of Liberal Arts, Education and Human Development is accredited by the National Council for Accreditation of Teacher Education (NCATE), and

its certification programs are approved by the Louisiana Board of Elementary and Secondary Education (BESE) and the Louisiana Board of Regents.

<u>Liberal Arts</u>	<u>Education and Human Development</u>
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Education and Human Development

Education has two academic departments: the Department of Curriculum, Instruction and Special Education and, the Department of Educational Leadership, Counseling, and Foundations. All departments offer a variety of graduate degree programs and undergraduate degrees. Core coursework (noted as EDUC) is offered to support the teacher education program. In addition to the departments, there are several research, innovation, and service units in the Education Departments. A complete listing of current funded programs is available at the college web site (www.uno.edu/colaehd).

The college also offers a non-teaching degree in Human Performance and Health Promotion. This undergraduate degree offers concentrations in Exercise Physiology and Health Promotion. Refer to college website for program of study information. (www.uno.edu/colaehd).

Teacher Education Program

Programs of Study

The College has teacher education programs at the undergraduate and graduate levels. The program of study for undergraduate teacher education degrees is designed to meet the requirements of the Board of Regents to earn an undergraduate degree and the requirements of the Louisiana Department of Education to earn teacher certification. Each course in the program of study meet two categories of requirements, one for degree requirements and one teacher certification requirements. Degree requirements are organized in three categories of coursework;

general education, other requirements, and major requirements. Teacher certification requirements are organized in four categories of coursework: general education, knowledge of the learner and the learning environment, focus area, and methodology and teaching. The following table provides an overview of each certification and degree option offered in teacher education. These programs are described below in this section of the catalog.

Early Childhood - Certification: Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621).

- Elementary Education
- Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach), B.S.
- Secondary Teaching
- Secondary Teaching, Biology Concentration (Grades 6-12), B.S.
- Secondary Teaching, Chemistry Concentration (Grades 6-12), B.S.
- Secondary Teaching, Earth Science Concentration (Grades 6-12), B.S.
- Secondary Teaching, English Concentration (Grades 6-12), B.S.
- Secondary Teaching, Mathematics Concentration (Grades 6-12), B.S.
- Secondary Teaching, Social Studies Concentration (Grades 6-12), B.S.
- Human Performance and Health Promotion, Exercise Physiology Concentration, B.S.
- Human Performance and Health Promotion, Health Promotion Concentration, B.S.

In addition to initial certification programs, the College of Liberal Arts, Education and Human Development offers several advanced-level programs of study focused on the needs of teachers, school leadership personnel, counselors, community and health agency personnel. These programs are described on the college web site at www.uno.edu/colaehd.

The Teacher Education Program prepares teachers who will render high quality, professional service in preschool, elementary, secondary schools, and other educational settings. The College's programs are grounded in a performance-based curriculum model aligned with the unit's conceptual framework.

The teacher education program is dedicated to understanding and valuing diversity among faculty, staff, and students. The college utilizes the academic resources of the university and community schools to provide candidates with a broad general education and a concentrated content-area education. Professional preparation, together with the relationships of the study of education to other fields of knowledge, is the responsibility of the College of Liberal Arts, Education and Human Development.

The College of Liberal Arts, Education and Human Development administers all curricula designed for the preparation of teachers. Two programs are offered for initial teacher certification, one at the undergraduate level and one other at the graduate level. Graduate options include the Master of Arts in Teaching (M.A.T.).

Objectives of Teacher Education Programs

Candidates in teacher education programs at UNO are expected to:

- Develop a background of knowledge in general education and one or more academic content areas.
- Develop an awareness of teaching as a profession, which includes an understanding of how teachers promote individual student achievement, school improvement, school and district accountability, and long term professional development.
- Develop an awareness of the relationship between socio-cultural factors and the educative process, which includes developing the ability to communicate effectively with students, parents, other site-based professionals, and persons representing community agencies.
- Understand, identify, assess, and make plans to accommodate the individual student's emotional, social, physical, and intellectual needs.
- Demonstrate skills aligned with the Louisiana Compass Educator Support and Evaluation System, relevant Common Core State Standards (CCSS), Louisiana Teacher Preparation Competencies, national standards aligned with Specialty Professional Associations, and other curriculum reform initiatives in planning, implementing, and assessing instruction and its impact on student learning.
- Plan instruction that correlates with Louisiana State testing.
- Plan, deliver, and assess instruction that integrates a variety of electronic software applications and related technologies.
- Acquire and apply skills of classroom management and interpersonal relationships that enhance the educational environment and promote student learning.
- Demonstrate dispositions expected of effective educators as documented through field experience in school settings.

The University of New Orleans Teacher Education Program is designed using an inquiry-based conceptual framework to support the preparation of reflective practitioners. Information about the conceptual framework may be found on the college web site at www.uno.edu/coehd. Following are the key elements of the Teacher Education program of study.

- **Performance-based.** The program of study moves beyond simply aligning specific competencies with specific courses. Rather, it supports teacher candidates in the repeated use of competencies in different ways according to the changing demands of students and teaching environments. This model ensures that teachers can produce effective outcomes for their students and for the schools in which they teach.
- **Role-focused.** A performance based program focuses on teachers being competent in performing the multiple roles associated with effective teaching. These roles are aligned with state standards.
- **Thematic content.** The program of study is designed for key content related to teaching performance (e.g., assessment) to be addressed at multiple points rather than in singular courses.
- **Sequenced field activities.** Opportunity to practice targeted competencies in schools is critical to a performance based program. An effective program of study includes well-crafted field experiences that increase in demand and complexity as the candidate moves through the program.
- **Authentic evaluation.** The UNO teacher education program utilizes an electronic professional portfolio as the key tool for evaluating teacher effectiveness and content mastery. All teacher education candidates are required to purchase a Live Text account to support the development of an electronic portfolio. Information on Live Text may be found at www.uno.edu/colaehd under resources or at <https://www.livetext.com/>. Performance review takes place at distinct points during each program of study in order to identify both professional strengths and areas of need. Multiple perspectives are incorporated into the evaluation process.
- **Induction Support.** The portfolio format used in the teacher education program is designed to assist program graduates in aligning their work with state and national standards as required by their employing district during the induction period of service.

Undergraduate Teacher Education Pathway

Three grade-level certification options are offered at the undergraduate level: Early Childhood Certification: Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621). Elementary (Grades 1- 5), and Secondary (Grades 6-12) in a specific content area. Secondary content areas include: English, Mathematics, Social Studies, and Science (Biology, Chemistry, or Earth Science). An option is available for candidates in the elementary (grades 1-5) program to address certification requirements for both elementary as well as special education in mild/moderate disabilities for the same grade level. The Integrated to Merged program option requires candidates to complete a Residency I and II with both general and special education experiences and complete additional PRAXIS examinations (<https://www.ets.org/praxis>) and performance requirements for special education certification.

The undergraduate teacher education program of study is divided into three tiers, each associated with a specific block of coursework and set of related field experiences. As the candidate moves from one tier to the next, the scope of the content and field work becomes more complex. Candidate progression from one tier to the next is dependent upon satisfaction of certain criteria, including satisfactory completion of required coursework, satisfactory completion of required field experiences, and meeting all candidate assessment requirements specified for that particular phase of the program of study. Throughout the program of study, candidates develop a professional portfolio that contains artifacts resulting from coursework and field activities. The candidate organizes the various artifacts as evidence that specific program competencies have been met. Thus, candidate performance is measured via course grades as well as authentic evidence that knowledge, skills, and dispositions related to effective education can be demonstrated in school and classroom settings.

Conditional Admission to and Retention in the Education Program (Change from Tier I to Tier II)

To be admitted to the Tier II of the Education program, a student must have met the following criteria:

- Sign Student Acknowledge Form
- Obtain a Curriculum Sheet with an authorized signature
- Pass Unit Assessment: Dispositions #1 EDUC 1010 (1-5)
- Pass Unit Assessment: Conceptual framework EDUC 2200 (1-5)
- Pass Unit Assessment: Dispositions #1 EDUC 2204 (6-12)
- Pass Unit Assessment: Conceptual framework EDUC 2204 (6-12)
- Achieve a **2.5 GPA/36 degree hours earned in the degree program**
- ENGL 1158 (Grade of "C" or higher)
- MATH 1000 level applicable to curriculum

- EDUC 2100
- Pass Praxis I, ACT (22 Composite Score) or SAT (Reading/Writing and Math) combined score of 1100.
- Submit a Teacher Education Application (see requirements for Residency I and II section of the catalog)
- Complete dispositions review with a satisfactory rating.
- Report required field experience hours in LiveText
- Complete individualized prescriptive plan if applicable.

All candidates in a program of study resulting in certification must also be admitted to a teacher education program (see requirements above). All candidates must submit official transcripts from each college and university attended. One transcript with all transfer credits is not acceptable. This is a requirement for all candidates pursuing initial certification.

Note: Minimum grade of "C" in all major coursework (refer to curriculum sheet for specifics)

The Teacher Education Review and Retention Committee reserves the right to review the candidate's total academic record, evidence of knowledge, skills, and dispositions and other qualifications as they relate to the candidate's potential as an effective teacher.

In view of its responsibility to the teaching profession, the College will continuously evaluate the qualifications of a candidate to determine his or her suitability to continue in a teacher education program.

Each candidate is held responsible for knowing degree requirements, for enrolling in courses that apply to his or her degree program, and for taking courses in the proper sequence to ensure orderly progression of work. Note: Independent study/substitution courses are approved only under extenuating circumstances.

Independent study/substitutions must be approved by the Assistant Dean prior to enrollment in the independent study/substitution course. Candidates will be allowed a maximum of 3 hours of independent study/substitution courses within the degree program.

The candidate is also held responsible for knowing University regulations regarding the standard of work required to continue at the University, as well as the regulations dealing with scholastic probation and enforced withdrawal. Please check **University Regulations** for further information

Requirements for Field Experience

Teacher education candidates complete a variety of field activities as they progress through the program of study. The field activities provide opportunities for candidates to demonstrate skills associated with effective teaching in diverse school and classroom settings. Each of the three tiers in the program requires a specific minimum number of field experience hours and completed field activities which must be reported. Residency I and II for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany.

Specific information on field experience requirements may be found at the college web site at www.uno.edu/colaehd.

Requirements for Residency I and II (Change from Tier II to Tier III)

This is the second to last semester of the degree program. Application for Residency I must be submitted to the Office of Field Experiences and Clinical Practice one semester prior to beginning the Residency I semester. Candidates expecting to register for Residency I in the fall semester must apply on or before January 31. Candidates expecting to register for Residency I in the spring semester must apply on or before August 31.

Candidates will only be permitted to enroll in Residency I and two other specified courses (refer to 4-year plan for courses applicable to certification area) during the Residency I semester. Candidates are permitted to schedule Residency I when they have met the following requirements:

- Completion of all courses in the certification and degree program except the last two semesters as indicated on the 4-year plan
- The attainment of senior standing in a Teacher Education Program in the College of Liberal Arts, Education and Human Development with a minimum overall grade point average of 2.5.
- Completion of all courses in professional education with a grade of "C" or higher. A minimum grade of "C" is required for all courses in the Elementary programs. Candidates in secondary education must complete all professional education courses with a grade of "C" or higher. Candidates in secondary education must also complete all courses in the major teaching field with a grade of "C" or higher and have a minimum of a 2.5 GPA in the content area in the major teaching field. Candidates must meet or exceed GPA requirements for their specific certification area.
- Pass Unit Assessment: Disposition #2.
- Pass Program Assessment.
- Approval of the Director of Field Experiences.
- Transfer candidates must have completed all TEP 3000 level course-work in residence at UNO.
- Complete individualized prescriptive plan if applicable
- Pass Praxis II Content Area and Principles of Learning and Teaching exams prior to Residency I. Must pass both exams by December 1 (previous Fall semester) if registered for Residency I in a spring semester and May 8 (previous Spring semester) if registered for Residency I in a fall semester.

Residency II

Residency II requirements

- Successful completion of Residency I.
 - Must enroll in course indicated on the 4-year plan applicable to area of certification
- NOTE: Refer to Residency Handbook for additional information regarding Residency I and II.

Requirements for Program Completion and Graduation

A candidate must meet all the requirements for a degree outlined in one catalog. A candidate who breaks enrollment (either voluntarily or by compulsion) for one year is subjected to the catalog in force at the time of re-entry.

Candidates pursuing degree programs that include Louisiana teacher certification should note that certification requirements are mandated by the Louisiana Board of Elementary and Secondary Education. When the State Board makes changes in certification requirements, the content of associated degree programs change accordingly. For this reason, candidates in the College of Liberal Arts, Education and Human Development are expected to maintain close communication about degree and certification requirements through a College Academic Advisor throughout their program of study. **Up to date curriculums may be found on the college web site** www.uno.edu/colaehd.

A candidate may graduate from the College of Liberal Arts, Education and Human Development upon satisfactory fulfillment of the following requirements:

- Completion of the general degree requirements of the University.
- Completion of the requirements for a bachelor's degree in either elementary, or secondary education.
- Performance at the acceptable or higher level on all program assessments and demonstration of all required performances and dispositions via a successful review of a professional portfolio and related evidence.
- For candidates in elementary education:
 - A minimum grade of "C" in all courses.
 - Achievement of an overall grade point average of 2.5.
 - Meet or exceed content/performance GPA for specific content area.
- For candidates in secondary education:
 - Minimum grade of "C" in each course in professional education and in each course in the academic content area(s).
 - Achievement of an overall grade-point average of 2.5 and a 2.0 grade-point average in professional education and a 2.5 GPA in the academic content area(s).
 - Meet or exceed content/performance GPA for specific content area.

Louisiana Teacher Certification

In addition to the graduation requirements listed above, a candidate must meet the following requirements of the State of Louisiana in order to be eligible for a Louisiana teacher's certificate.

- Be admitted to and graduate from a state approved teacher education program. (Teacher education programs in the College of Liberal Arts, Education and Human Development at The University of New Orleans are state approved).
- Achieve a minimum overall grade point average of 2.5.
- Pass all specified PRAXIS Series Examinations.
- Receive a recommendation for certification by the Assistant Dean in the College of Liberal Arts, Education and Human Development.

Transfer Students

Transfer credits will be valid for degree completion if the course content matches the content and/or performances of a course in the College of Liberal Arts, Education and Human Development curriculum. A grade **lower than a C** will not be accepted for degree credit. Transfer credit will not be awarded for TEP 3000 level coursework. Any credit taken more than 5 years will not be accepted. The College requires the validation of credits earned more than five years prior to a candidate's admission to the College in order to approve the transfer of credits into a degree program. There is no guarantee that the credits will be accepted. A faculty member and/or Chair will validate a student's knowledge if a course taken 5 years or more is requested to be used in a degree program. Candidates are required to enter artifacts into Live Text to document their performance of competencies aligned with transfer coursework. Candidates transferring into the program should also note the provisions in the section, "Requirements for Residency."

Major Programs

The Liberal Arts section of the College of Liberal Arts, Education and Human Development offers major programs leading to the Bachelor of Arts or Bachelor of Science degree in:

- Anthropology, B.A.
- English, B.A.
- Film and Theatre, Film Arts, B.A.
- Fine Arts

Fine Arts, Art History Option, B.A.

Fine Arts, Studio Art Option, B.A.

- History, B.A.
- International Studies

International Studies, B.A.

International Studies, International Business Option, B.A.

- Music
- Music, Composition Concentration, B.A.
Music, Jazz Studies Concentration, B.A.
Music, Music Studies Concentration, B.A.
Music, Performance Concentration, B.A.

• Philosophy, B.A.

• Political Science, B.A.

• Romance Languages

Romance Languages (French), B.A.

Romance Languages (Spanish), B.A.

- Sociology, B.A.
- Urban Studies and Planning, B.S.

Minor and Certificate Programs

Minor programs are offered in most of the above-listed areas. Interdisciplinary minors in Africana Studies, Asian Studies, Disaster Resilience Studies, European Studies, Latin American, Caribbean, and Circum-Caribbean Studies, Environmental Studies, and Women's and Gender Studies are also available. A graduate certificate program in Disaster Management and Community Resilience is available through the Department of Planning and Urban Studies.

Requirements for Bachelor of Arts Degree

The following course requirements must be completed by all students working toward a Bachelor of Arts degree in the College of Liberal Arts, Education and Human Development. Some curricula may demand more than the minimums designated below or may call for specific courses where the general requirements allow a choice. Each student should check his or her Major curriculum on the following pages to determine the additional requirements and restrictions which apply in that particular Major.

General Course Requirements

- **Math** - Six hours. Any combination of MATH 1031, MATH 1032, MATH 1115, MATH1116, MATH 1125, MATH 1126, or higher can be used to meet this requirement except where otherwise specified in the curriculum. Limitations: No credits allowed toward graduation for Mathematics 1021, 1023 or for more than nine hours of math below the 2000 level.
- **Science** - Nine hours. Six hours of one science and three hours of a different science. One of the sciences must be Biology and the other must be Earth and Environmental Sciences, Chemistry, or Physics. NOTE: Credit toward graduation is not allowed for both. BIOS 1083 and BIOS 1053, or for BIOS 1073 and BIOS 1063.
- **English Composition** - Six hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
- **Literature** - Six hours of literature from any department. Limitations: Writing and linguistics courses do not fulfill this requirement. NOTE: Some Liberal Arts Majors require specific literature courses. See your individual curriculum.
- **Arts** - Three hours to be taken from the departments of Fine Arts, Music, or theatre/dance/film-related courses in Film and Theatre. Communications-related courses, housed in the Film and Theatre Department, are not useable toward Arts credits.
- **Humanities** - Nine hours. To include at least one subject different from that used for the Arts requirement (above), and at least six hours at or above the 2000 level. (If the Arts requirement is fulfilled with a 2000 or higher-level course, reduce these six hours to three.) To be taken from the Departments of Film and Theatre (non-Art courses); English; Fine Arts; Foreign Languages; History; Music; and/or Philosophy. NOTE: Any literature course in English or foreign languages used to fulfill the College requirement of six hours of literature may not count toward the Humanities requirement.
- **Foreign Languages** - Three to twelve hours. Completion of course 2001 in one foreign language or completion of course 1002 in two foreign languages offered through the Department of Foreign Languages. Unless a student is placed (by placement test and/or transfer credit) above the first course, either three semesters of one language in course sequence or two semesters each of two different languages are required. (Exceptions: BA in International Studies and BA in Fine Arts: Art History. See individual curricula.)
NOTES: 1) Students whose native language is Spanish should confer with the Foreign Languages Department about Spanish 2003 and 2004, which are especially designed to meet their needs and which also meet this requirement. Languages other than Spanish or French that are offered through the Department of Foreign Languages and extend through the 2001 or 2011 level may be used to meet this requirement. 2) Some 2001- and 2002-level courses in languages other than Spanish and French may not be available each semester.
- **Social Sciences** - Twelve hours to include two different subject areas with six hours at or above the 2000 level from the following subjects: Anthropology, Economics, Education, Geography, Political Science, Psychology, Sociology and Urban Studies. NOTE: In some curricula, most or all of this requirement is met within other requirements.
- **Oral Competency**- Each student should demonstrate competence in the techniques of oral communication relevant to his/her major program. Students should be able to discuss with clarity ideas and factual material in formal small group class settings and in conferences with their professors. This requirement may be fulfilled by one of the following:

- Successful completion of an approved course in the student's Major department or college that requires a demonstration of oral competence as a condition of receiving a passing grade in the course.
- Demonstration of oral competence in an approved course in the student's Major department or college that does not require oral competence as a condition of receiving a passing grade. If a student demonstrates oral competency in such a course, an entry shall be made on his/her transcript that oral competency has been demonstrated regardless of the final grade in the course. If a student fails to demonstrate oral competency in the approved course(s) offered by a student's Major department or college, the student may take a course outside his/her Major department as a means of meeting the general degree requirement for oral competency, upon approval of the student's Major department.
- **Electives** - Number of hours varies by Major. See curriculum outline in General Catalog. Limitations: Courses must be from the list of approved Liberal Arts electives; however, nine hours of credit in subjects not on the approved list are allowed. (Within those nine hours a maximum of three hours of human performance and/or health-safety are permitted.)

NOTES: At least six hours must be in courses numbered 3000 or above in a subject or subjects other than the Major and from the approved list of electives. (EDHS/EDHP/EDPE courses may not be used to fulfill this requirement.) Liberal Arts students are encouraged to plan their choice of electives with the assistance of a departmental faculty advisor in the context of their overall educational goals.

Approved Electives

Most of the curricula provide considerable flexibility for devising a program adapted to the particular interests and educational goals of the individual student. To assure the construction of a cohesive program, all students are expected to consult with a Major advisor regarding electives as well as the courses specified for the Major. Many combinations are possible, but logical planning should be the basis of all programs.

Within the limitations noted above students in the College of Liberal Arts may elect, for degree credit, any course for which they have the prerequisites from the following subjects:

Accounting	English	Mathematics
Anthropology	Film and Theatre	Music
Arts and Sciences	Finance	Philosophy
Bacteriology	Fine Arts	Physics
Biology	Foreign Languages	Political Science
Botany	Geography	Psychology
Business Administration	History	Social Sciences
Chemistry	Hotel, Restaurant and Tourism Administration	Sociology
Computer Science	Humanities	Urban Studies
Economics	Journalism	Women's and Gender Studies
Education*	Management	Zoology
Earth and Environmental Sciences	Marketing	

* Only courses in Curriculum and Instruction, Educational Foundations and Research, Library Science, and Special Education.

Other Subjects

Courses in subjects not listed above normally will be accepted to the extent of nine credit hours total. This limit may be waived, if the student presents to the Dean a logical plan clearly showing the relevance of such courses to the Major program and to the educational goals of the student. Such permission must be secured before the nine-hour limit is exceeded. A maximum of three hours of any Health/ Safety and/or Human Performance course, regardless of level, may be included in the nine credit hours total.

Business Administration Component

For students who wish to obtain a foundation in business, the following courses are recommended: ACCT 2100 and ACCT 2130; QMBE 2785; FIN 3300; MANG 3401; and MKT 3501. Students who plan to take a substantial number of business courses should seek the advice of the appropriate persons in the College of Business Administration.

Requirements for Bachelor of Science Degree

The following course requirements must be completed by all students working toward a Bachelor of Science degree in the College of Liberal Arts, Education and Human Development. Each student should check the Major curriculum in Urban Studies and Planning (currently the only B.S. degree offered in the College of Liberal Arts, Education and Human Development) to determine the additional requirements and restrictions which apply in that Major.

General Course Requirements

- **Math** - Six hours.
- **Science** - Nine hours. Six hours of one science and three hours of a different science. One of the sciences must be Biology and the other must be Earth and Environmental Sciences, Chemistry, or Physics. NOTE: Credit toward graduation is not allowed for both BIOS 1083 and BIOS 1053 or for BIOS 1073 and BIOS 1063.
- **English Composition** - Six hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
- **Literature** - Six hours of literature from any department. Limitations: Writing and linguistics courses do not fulfill this requirement.
- **Arts¹** - Three hours. To be taken from the departments of Fine Arts, Music, or film/theatre/dance - related courses in Film, Theatre and Communication Arts. .
- **Humanities¹** - Three hours. To be taken from any of the humanities disciplines.
- **Social Sciences^{1,2}** - Six hours to be taken from the social sciences.
- Six of the twelve hours in humanities, arts, and/or social sciences must be at the 2000 level or above.
- See departmental list of acceptable courses.

Transfer Credit

Transfer credits acceptable for admission purposes will be valid for degree credit in the College only to the extent to which they represent courses acceptable in the curricula of the College. The College may decline to accept transfer credits in any course in which a grade lower than a C has been received. Validation may be required for credits earned more than 10 years before admission to the College. Regarding work from a two-year school, the college will honor up to 60 hours (64 hours for Jazz Studies students). The college will determine which hours are most useable toward the course of study.

University and Major Residence Requirements

Transfer students should note that the last 25% of coursework must be taken in residence while enrolled in the college from which the degree is to be earned. In the College of Liberal Arts, Education and Human Development, transfer students must take at least 50% of the hours in the Major subject (with a minimum of 50% of the hours in courses numbered 3000 or above) at UNO. Candidates for a degree must earn a C average in all courses in their Major subject taken while they are registered in the College.

Program Planning

All students should plan their programs in advance in order to receive maximum benefit from their college years. Besides examining their own goals, students should consult with advisors to take advantage of alternatives in General Degree Requirements and electives.

Students are responsible for knowing degree requirements and for enrolling in courses that fit into their degree programs. They are strongly encouraged to complete the requirements in English, Foreign Language, Mathematics, and Science at the earliest possible time in their college career. Each student is also responsible for notifying the college office of graduation plans at the beginning of the semester preceding the student's final semester. At that point, a graduation checkout sheet is prepared which outlines the student's current scholastic position and indicates the course requirements remaining for the degree. The college encourages students to sign up for a graduation check-sheet when they have reached 75 hours of coursework.

Requirements for a Minor

With the exception of Film and Theatre and Music minors, a Liberal Arts Minor requires a minimum of 18 hours and a 2.0 average in the Minor field. See Minor in individual curricula for specific courses required.

At least nine hours of coursework must be taken at UNO, and for a minor requiring six or more hours at the 3000 level or above, at least six of those hours must be taken at UNO. For minors requiring fewer than six hours of 3000- or 4000-level courses all of these hours must be taken at UNO. No pass/fail courses will apply toward a Minor.

School of Urban Planning and Regional Studies

UNO's School of Urban Planning and Regional Studies (SUPRS) faculty and students engage with and directly participate in research and service central to the recovery and restoration of the greater New Orleans area. SUPRS offers undergraduate and graduate degrees in Urban Studies, a Master of Science degree in Transportation, as well as the Master of Urban and Regional Planning (MURP), the only professionally accredited urban planning program within the states of Louisiana, Mississippi, and Arkansas. SUPRS guides students to meet the challenge of simultaneously preserving cultural traditions and building workable twenty-first century communities. The academic programs are supported by the Center for Urban and Public Affairs and the UNO Transportation Institute, both of which offer additional research opportunities to students.

Accelerated Masters

International Studies/History Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in International Studies and the Master of Arts degree in History.

Political Science/Public Administration, Accelerated Master's (BA & MPA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in Political Science and the Master of Public Administration degree.

Master of Arts

Arts Administration, M.A.

Program Overview:

The Master of Arts in Arts Administration is designed to prepare students for careers in arts management and cultural policy with emphasis on practical field experience. Core courses cover performing and visual arts, commercial entertainment and non-profit, and the gamut of established institutions, startup enterprises, and work with individual artists. Elective options allow students to explore areas of individual interest, taking advantage of the culture-rich environment of New Orleans. A capstone internship synthesizes the knowledge gained. Courses are taught by leading experts in the field, and are scheduled to accommodate working students.

Student Learning Outcomes

- Students will understand and be able to apply the concepts, issues, and best practices in arts marketing, legal matters, development, community arts engagement, and public policy.
- Students will understand the basics of producing and exhibiting both performing and visual arts, in both mission- and profit-driven contexts.
- Students will hone their writing and public presentation to meet the wide range of communication demands of the professional arts manager.
- Students will be able to budget, track, and report on the financial outcome of events, and understand funding and the financial records of an organization.
- Students will synthesize class learning with practical experience by applying arts administration skills in actual working environments.

Admission

A student must be accepted by both the Graduate School and the Arts Administration Program. To be admitted to graduate studies in Arts Administration, a student must provide a written Statement of Purpose and three Letters of Recommendation. Work experience in business and/or the arts is desirable but not required.

Program Scope

The Program encompasses a full range of topics associated with the visual and performing arts business and cultural infrastructure, arts advocacy and public policy, and arts in communities. With faculty guidance, during the course of their studies students will choose and pursue areas of specialization and pursue a pattern of study best suited to their interests and career goals.

Degree Requirements

Students must earn 42 credit hours, including 6 credits from a supervised Internship.

Requirements are:

Core Required Courses (10-3 Credit Hours Each):

- AADM 6200 - Arts Organizations & Business - **Credits: 3**
- AADM 6223 - Finance for Not-for-Profit Organizations
- AADM 6501 - Development for Arts Orgs - **Credits: 3**
- AADM 6502 - Arts Admn Legal & Bus Appl - **Credits: 3**
- AADM 6503 - Marketing the Arts - **Credits: 3**
- AADM 6507 - Research in the Arts - **Credits: 3**
- AADM 6508 - Arts Leadership - **Credits: 3**
- AADM 6509 - Arts Educ for Admin - **Credits: 3**
- AADM 6601 - Writing & Pres for Art Adm - **Credits: 3**
- AADM 6607 - Public Arts Policy - **Credits: 3**

Electives (2, chosen from the following - credit hours each)

- AADM 6506 - Musical Overview Arts Administ - **Credits: 3**
- AADM 6505 - Seminar in Arts Administration
- AADM 6609 - Arts and Community - **Credits: 3**
- AADM 6610 - Public Relations in the Arts - **Credits: 3**
- AADM 6611 - Branding in the Arts - **Credits: 3**
- AADM 6620 - Fundraising Event Planning - **Credits: 3**
- AADM 6621 - Grant Writing - **Credits: 3**
- AADM 6900 - Practicum in Arts Admin - **Credits: 1 - 3 (Variable)** (240 hours supervised internship) (maximum two per student)
- AADM 6090 - Arts Adm Ind Study - **Credits: 1 - 3 (Variable)**
- Museum Studies courses in the SUNO Graduate School (cross-enrollment)
- Approved alternative UNO graduate course

Thesis/Final Project Option

Students must choose either the thesis or the final internship and report option

Capstone internship degree requirements:

- Comprehensive exams in the areas of Development, Marketing and Legal
- AADM 6990 A supervised internship of 480 documented hours with an approved cultural institution (6 credit hours, including report and analysis). Credits may be taken in 1-6 credit levels depending on placement.
- Internship Report and Host Institution Analysis (non-thesis) presentation and committee defense

OR

Thesis Degree Requirements

- Comprehensive exams in the areas of Development, Marketing and Legal
- AADM 7000 - Thesis Research - **Credits: 1 - 6 (Variable)** plus the Thesis and committee defense.

Financial Aid

Graduate assistantships are available through the Program to a limited number of qualified applicants each year.

Limited scholarships are available.

Minor

Africana Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Africana Studies. The purpose of this Minor is to acquaint the student with current and historical knowledge of the black experience in Africa, the Americas, and other parts of the world drawing from courses in the College of Liberal Arts, Education and Human Development as well as approved courses offered by the other Colleges. The Minor signifies the student has a basic, general understanding of the significant contributions made by African people in Africa and in the African Diaspora.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of HIST 1010, either ENGL 2071 or ENGL 2072, and either HIST 3551 or HIST 3552.
- Completion of nine credit hours to be taken from a list of approved courses. To complete 18 credit hours, the student must choose courses from a minimum of three disciplines. At least 50% of the credit hours must consist of courses at the 3000 level or above.
- The Coordinator may permit substitution of as many as six of these 18 hours with UNO Special Topic or Independent Study courses. Appropriate courses offered at UNO or other universities may be suggested as substitutes. The Coordinator may assign each student to a faculty advisor who will help the student design the Minor program. Courses on Africana Studies in the Major field that are counted as credit hours for that Major may not also be counted toward this Minor.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Asian Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Asian Studies. The purpose of this Minor is to acquaint students with current and historical knowledge of the Asian region, peoples, and cultures. The Minor signifies students have a basic and general understanding of this part of the world.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of four semesters (a minimum of 12 credit hours) of Chinese, Japanese, or other relevant language through 2002 or its equivalent.
- Completion of HIST 2201 and HIST 2202 (the survey of Asian civilizations).
- Credit in courses on Asia to be approved by the Coordinator, for a total of 12 credit hours in addition to the language and history requirement. At least six credit hours must be at the 3000 level or above. In addition, six of the 12 credit hours must be chosen from at least two disciplines outside of history and language, with no more than nine credit hours from any one discipline. Courses on Asia in the major field that are counted as credit hours for that Major may not also be counted toward this Minor.
- A minimum 2.0 grade-point average must be attained in all courses in the minor program.

Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Criminology Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Urban Criminology. The purpose of this Minor is to educate students interested urban justice issues such as criminology, criminal justice, environmental justice and judicial processes. The Minor signifies that students have a basic and general understanding of Criminology.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of eighteen credit hours, from SOC 4911, SOC 4921, SOC 4954, POLI 4410, POLI 4420, POLI 4440, PADM 4810 or URBN 2000, URBN

2999, URBN 3002, URBN 4005, URBN 4810.

- The Coordinator may permit substitution of these hours with UNO Special Topics courses or Independent Study courses. Appropriate courses offered at UNO or other universities may be suggested as substitutes.
 - Course substitutions permitted with department approval.
 - A minimum 2.0 grade-point average must be attained in all courses in the Minor program.
- Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Disaster Management & Community Resilience Minor

The Minor in Disaster Management & Community Resilience draws its required and optional courses from disciplines in the College of Liberal Arts, Education and Human Development, and the College of Business. This interdisciplinary Minor capitalizes on the unique expertise resident in UNO's faculty to provide students with an understanding of how hazards affect communities, government and non-profit agencies, businesses and social systems.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
 - Completion of four core courses: URBN 4150, SOC 4871, GEOG 4805, and HIST 2050.
 - Completion of two courses from an approved list * (in addition to the core courses).
 - A 2.0 grade-point average in all courses used to fulfill this Minor.
- *Approved courses for this minor: SOC 4098 (when hazard-related topic); ANTH 4721; GEOG 4150, URBN 4800, URBN 4800 (hazard-related topic), URBN 4810; MURP 4140, MURP 4145, MURP 4800 (when hazard-related topic); PADM 4800 (when hazard-related topic), PADM 4810, POLI 4170; FIN 4311. To meet the prerequisite requirements for some of the approved courses, students may need to complete more than the minimum 18 hours required for this Minor.

European Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in European Studies. The purpose of this Minor is to acquaint the student with historical and current knowledge of the European region, peoples, societies, economies, and cultures. The Minor signifies students have a basic and general understanding of this part of the world.

Minor Requirements

The requirements of this Minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
 - Completion of courses in French, Italian, Spanish, German, Russian, or other relevant languages through 2002 or its equivalent.
 - Completion of six credit hours in one of two core curricula:
 - Core I: Social Sciences (ANTH 2052; GEOG 3190, Geography of Western Europe; HIST 1001, HIST 1002; POLI 2600).
 - Core II: Arts and Letters (ENGL 2371, ENGL 2372; FA 2201, FA 2202; MUS 2201, MUS 2202; PHIL 2311, PHIL 2312).
 - Credit courses in European Studies to be approved by the Coordinator, for a total of 12 credit hours with a minimum 2.0 grade-point average, to include at least six credit hours at the 3000 level or above. These 12 credit hours must be chosen from a minimum of three disciplines and must cover different time periods. Courses on Europe in the Major field that are counted as credits for that major may not also be counted toward this Minor.
 - A minimum 2.0 grade-point average must be attained in all courses in the Minor program.
- Interested students should contact the Coordinator of Area Studies Minors through the College of Liberal Arts, Education and Human Development office.

Geography Minor

Minor Requirements

A Minor in Geography requires the student take a total of 18 credit hours including the following:

- GEOG 1001 or GEOG 1002.
- Six hours selected from among Geography courses at the 2000 level
- Nine hours selected from among Geography courses at the 3000 level or above.
- A letter grade of "C" or better must be earned in each course.

Latin American, Caribbean, and Circum-Caribbean Studies Interdisciplinary Minor

Minor Requirements

The BAIS Program in the College of Liberal Arts, Education and Human Development administers the minor in Latin American and Caribbean Studies. The minor signifies that students have a basic and general understanding of this part of the world. Courses up to master's level in Spanish language. Classes in the social sciences, humanities, business, and science-all with a focus on Latin America and the Caribbean-are also on offered on a regular basis.

Women's and Gender Studies Minor

The College of Liberal Arts, Education and Human Development administers the interdisciplinary Minor in Women's and Gender Studies. The purpose of this Minor is to acquaint the student with current and historical knowledge of the fields of Women's and Gender Studies. The Minor signifies the student has a basic and general understanding of existing scholarship on women and gender.

Minor Requirements

The requirements of the minor are as follows:

- Completion of the requirements of a degree in one of the colleges at UNO.
- Completion of WGS 2010, Introduction to Women's, Gender and Sexuality Studies.
- Credit in courses on Women's and Gender Studies, to be approved by the Director of Women's and Gender Studies, for a total of 18 credit hours with a 2.0 grade point average, to include at least 50% of the credit hours at the 3000 level or above.
- To complete the 18 credit hours, the student must choose from a minimum of three disciplines, with no more than six credit hours from any one discipline. Interested students can contact the Director of the Women's and Gender Studies Program through the College of Liberal Arts, Education and Human Development office.

Department of Anthropology and Sociology

Bachelor of Arts

Anthropology, B.A.

Student Learning Outcomes

- Students will acquire a broad foundation in critical anthropological thinking, as well as knowledge of the history of the discipline.
- Students will acquire knowledge of and experience in anthropological research methods.
- Students will be able to communicate, in oral and written forms, on subjects of anthropological significance.
- Students will be able to competently explain how anthropological theory and methods can be used in applied contexts.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- Literature **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Upper-level Non-major Electives **Credits: 6**⁴
- Social Sciences Elective 2000+ level (Not Anthropology) **Credits: 6**⁶
- General Electives **Credits: 21 or 24**

Total Credit Hours: 48

Course Requirements for Major

- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- ANTH 3201 - Field Methods Archeology - **Credits: 3**
OR
- ANTH 3301 - Doing Ethnography - **Credits: 3**
- ANTH 4000+ (not 4990) **Credits: 9**

- ANTH 4768 - Anthropology and Policy - **Credits: 3**
OR
- ANTH 4721 - Cultural Resources Management: Theory & Practice - **Credits: 3**
OR
- ANTH 4772 - Applied Anthropology - **Credits: 3**
OR
- ANTH 4775 - Urban Anthropology - **Credits: 3**
- ANTH 4801 - Hist of Anthropological Theory - **Credits: 3**
- ANTH 4995 - Anthro of Contemporary Issues - **Credits: 3**⁷
- ANTH 4000+ (not 4990) **Credits: 9**
- ANTH Area Studies **Credits: 3**
- ANTH Electives **Credits: 6**⁸

Total Credit Hours: 33

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

- "C" or better required
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Students can fulfill this requirement with courses from the subject areas listed as Liberal Arts Approved Electives, or by taking courses at the 3000+ level in social sciences or arts, thereby fulfilling two requirements at once. The application of a course to two requirements, however, does not reduce the total number of hours required for graduation.
- Must complete nine credit hours in one language or twelve credit hours in two languages. If the 12 hour option is chosen, the 21 hours of approved electives must include three hours of 2000+ humanities.

- Select from ECON, GEOG, POLI, PSYC or SOC. 3 hours must be 2000 level course. [Check General Education Courses](#) to confirm what courses fulfill this requirement.
- Course fulfills university oral competency requirement
- No more than three ANTH credit hours at the 1000 level may count toward the Major.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- BIOS **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- ANTH 1xxx **Credits: 3**¹
- UNIV 1001 - University Success - **Credits: 1**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH **Credits: 3**
- Physical Science **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- BIOS or Other Physical Science **Credits: 3**
- Humanities 2000+ **Credits: 3**
- FORL 1001 **Credits: 3**
- ANTH 3301 - Doing Ethnography - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- FORL 1002 **Credits: 3**
- Social Science 2000+, non ANTH **Credits: 3**
- General Elective **Credits: 3**
- ANTH area studies **Credits: 3**²

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 2001 **Credits: 3**
- Non Major 3000+ elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4000+ **Credits: 3**

- ANTH 4768 - Anthropology and Policy - **Credits: 3**
OR
- ANTH 4772 - Applied Anthropology - **Credits: 3**
OR
- ANTH 4775 - Urban Anthropology - **Credits: 3**

Total Credit Hours: 15

Second Term

- Non Major 3000+ elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4000+ **Credits: 3**
- ANTH Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Social Science 2000+, non ANTH **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- ANTH 4801 - Hist of Anthropological Theory - **Credits: 3**²
- ANTH 4000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- ANTH 4995 - Anthro of Contemporary Issues - **Credits: 3**⁴
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 3**
- General Elective **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Only 1 1000 level Anthropology course may count toward the Major.
- Area studies courses focus on a cultural area and are generally at the 3000 level in Anthropology. One is offered every semester.
- This course is offered every 3 semesters and should be taken in either the 3rd or 4th year.
- ANTH 4995 is offered every spring and should be taken as close to graduation as possible.

Sociology, B.A.

- Students will learn the basic theoretical and methodological paradigms in sociology and how they are applied in various substantive areas of the discipline.
- Students will learn essential components of research design, data collection, and data analysis necessary to conduct their own sociological research projects.
- Students will learn how to critically evaluate and analyze scholarly research reports.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR

- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Upper-level non major elective **Credits: 6**

- FORL 2001 **Credits: 3**

OR

- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁶
- General Electives **Credits: 29-32**

Total Credit Hours: 50

Course Requirements for Major

- SOC 1051 - Introductory Sociology - **Credits: 3**
- SOC 2707 - Social Statistics I - **Credits: 4**
- SOC 2708 - Methods in Social Research - **Credits: 3**
- SOC 4086 - Sociological Theory - **Credits: 3**
- 4000-level core Sociology courses **Credits: 6**⁵
- Sociology Electives **Credits: 12**⁷

Total Credit Hours: 31

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. [Check General Education Courses](#) to confirm what courses

fulfill this requirement.

- [Check General Education Courses](#) to confirm what courses fulfill this requirement.
- Choose two courses from among SOC 4080, SOC 4094, SOC 4101, SOC 4103, SOC 4107, SOC 4124, SOC 4216, SOC 4921.
- Must complete nine credit hours in one language or six credit hours in two languages.
- Nine(9) of the elective credits must be 4000 level courses.

Four Year Plan of Study

First Year of Enrollment

First Term

- SOC 1051 - Introductory Sociology - **Credits: 3**
- MATH **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- SOC 2000 Elective **Credits: 3**
- MATH **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- Science **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Foreign Language **Credits: 3**
- ENGL Literature **Credits: 3**
- SOC 2707 - Social Statistics I - **Credits: 4**
- SOC 2000 Elective **Credits: 3**
- Elective (recommend Anthropology) **Credits: 3**

Total Credit Hours: 16

Second Term

- Foreign Language **Credits: 3**
- SOC 2708 - Methods in Social Research - **Credits: 3**
- ENGL Literature **Credits: 3**
- Science **Credits: 3**
- Elective (recommend Political Science) **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Foreign Language **Credits: 3**
- SOC 4086 - Sociological Theory - **Credits: 3**

- SOC, core course **Credits: 3**
- Science **Credits: 3**
- Elective 3000+ level **Credits: 3**

Total Credit Hours: 15

Second Term

- SOC Elective **Credits: 3**
- Elective (recommend History) **Credits: 3**
- Elective, 3000+ level **Credits: 3**
- Arts **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- SOC Core course **Credits: 3**
- Remaining Electives **Credits: 9**
- SOC Internship **Credits: 3**

Total Credit Hours: 15

Second Term

- Sociology Elective **Credits: 3**
- Remaining electives **Credits: 10**

Total Credit Hours: 13

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Certification

American Humanics Certification Program

The American Humanics Certification Program prepares students for careers with youth and human service organizations. Program participants must join the American Humanics Student Organization and complete the following courses required for certification.

Course Requirements

- ACCT 2100 - Principles of Accounting - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- SOC 4101 - Social Organization - **Credits: 3**
OR
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
OR
- MANG 3411
- OR
- POLI 4101

- SOC 4191 **Credits: 3**¹
- SOC 4192 **Credits: 3**²
- SOC 3091 - Independent Work - **Credits: 1**³
- SOC 3096 - Internship Sociology - **Credits: 3** AND
- SOC 3097 - Internship in Sociology - **Credits: 3**

OR

- MANG 3090 - Internship in Management - **Credits: 3**

OR

- POLI 4998

OR

- PSYC 3095 - Fld Exp in Applied Psychology - **Credits: 3**

OR

- ANTH 4790 - Internship in Anthropology - **Credits: 3**

OR

- ENGL 4398 - Internship in English - **Credits: 3**⁴

Total Credits: 22

- SOC 4191 (Seminar in Not-For-Profit Organizations) is cross-listed with LSU-Shreveport (SOCL 492) and may be taken for UNO credit via the compressed video system.
- SOC 4192 (Practicum in Not-For-Profit Organizations) is a one credit course that must be repeated for at least three hours of credit. This course is cross-listed with LSU-Shreveport (SOCL 392) and may be taken for UNO credit via the compressed video system.
- All program participants must attend the American Humanics Training Institute for at least one four-day session at their own expense (estimated cost \$800) for which they will earn one credit of independent study (SOC 3091).
- American Humanics interns must work in a non-profit setting. American Humanics internships require at least a 2.5 overall GPA, or at least a 2.75 GPA in the student's last 30 hours. Students interested in the American Humanics Certification Program register through the undergraduate coordinator in the Sociology Department.

Master of Arts

Sociology, M.A.

The Master of Arts degree in Sociology provides advanced training for students and serves the employment needs of the larger New Orleans community. The dual mission of the program prepares students to pursue doctoral work in sociology and/or assists students in furthering their career goals through developing and upgrading research and analytical skills. The department offers a comprehensive program in sociology with special concentrations in the sociology of gender and environmental sociology.

Student Learning Outcomes

- Students will demonstrate advanced knowledge and analytical skills in core theoretical and methodological paradigms and within at least one substantive area of specialization.
- Students are able to employ a range of techniques and methods used to gain sociological knowledge.
- Graduates will be critical readers of both basic and applied sociological research.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants will be reviewed on the basis of a good undergraduate record, three letters of recommendation, and satisfactory scores on the Graduate Record Examination. Students may also apply for graduate assistant positions. Students having the bachelor's degree in fields other than Sociology may be admitted, but are typically required to take an undergraduate theory course for which they receive graduate credit.

Degree Requirements

Master of Arts students in Sociology may pursue a traditional thesis option, an applied sociology option, or a non-thesis option.

Students who pursue the thesis option must complete a minimum of 30 hours of course work at the graduate level which includes a core of required courses and electives. They must prepare a thesis and pass an oral examination covering the thesis topic.

Students who pursue the non-thesis option must complete 36 hours of course work, including a required course in qualitative methods.

Students selecting the applied sociology option must complete 30 hours of credit, write a research report based on two semesters of work in a public or private organization and pass an oral examination covering the completed report.

Financial Aid

Teaching and research assistantships are available to qualified applicants each academic year, with a maximum appointment of two years.

Minor

Anthropology Minor

Minor Requirements

Students who wish to secure a significant background in anthropology while majoring in another area may do so by earning 18 credit hours in anthropology courses, including ANTH 2052 and at least twelve hours at or above the 3000 level (exclusive of ANTH 3896 and ANTH 4991). Successful completion of these requirements with an average of at least 2.0 in the Minor will result in a Minor in Anthropology.

Sociology Minor

Minor Requirements

Students must complete the following requirements for a Minor in Sociology:

- A minimum of 18 credit hours in Sociology with a 2.0 grade point average.
- SOC 1051 or equivalent.
- SOC 2708 or equivalent. POLI 2900 or PSYC 2300 will substitute for this requirement but will not reduce the required number of credit hours in Sociology.
- A minimum of nine credit hours in Sociology courses numbered 3000 or higher.

Department of English and Foreign Languages

Accelerated Masters

English, Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Romance Languages (French), Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Romance Languages (Spanish), Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Bachelor of Arts

English, B.A.

Student Learning Outcomes

- Students will develop a broad knowledge of British and American literary history with an understanding of the relations between texts and their literary trends and historical contexts.
- Students will learn how to find and integrate appropriate and credible sources into their written assignments.
- Students will be able to produce essays with a specific thesis based on analysis and research, effective use of support for the thesis, a clear plan of organization, and clear and correct writing.
- Students will be able to analyze poetry, fiction, drama, and nonfiction with an understanding of the elements of each genre.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
equal to or greater than:
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra **Credits: 3**
OR
equal to or greater than
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL 2071 - Afro-American Literature I - **Credits: 3**
OR
- ENGL 2072 - Afro-American Literature II - **Credits: 3**
OR
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**
OR
- ENGL 2091 - Spec Studies in Lit Diversity - **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Social Sciences Elective 2000+ **Credits: 6**
- Electives outside of ENGL and JOUR 3000+ **Credits: 6**
- Electives **Credits: 21-24**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- History **Credits: 6**

Total Credit Hours: 45

Course Requirements for Major

- ENGL 2258 - Interpreting Literature - **Credits: 3**⁷
- ENGL 3381 - Intro to Contemporary Theory - **Credits: 3**
AND
- ENGL 3382 - Methods in Research & Writing - **Credits: 3**

3 of the following 4 survey courses: Credits: 9

- ENGL 2341 - Survey British Literature I - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**

Upper-level open English elective option

6 additional English, journalism, or related courses (18 credits), at least 5 of which must be at the 3000-4000 level. Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 18**

(Students may choose one of the concentrations below in lieu of the Upper-level open English elective option.)

Total Credit Hours: 36

Journalism and Professional Writing Concentration

(Concentration in lieu of Upper-level open English elective option.)

- JOUR 2700 - Introduction to Journalism - **Credits: 3**
OR
- ENGL 2155 - Intro to Professional Writing - **Credits: 3**
- **4000-level English Writing or Journalism Credits: 9**
- **3000-4000 level English Electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Creative Writing Concentration

(Concentration in lieu of Upper-level open English elective option.)

- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2160 - Intro Creative Writing - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
OR

- ENGL 2200 - Introduction to Playwriting - **Credits: 3**
- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
OR
- ENGL 4200 - Advanced Playwriting - **Credits: 3**⁶
- **4000-level literature elective Credits: 3**¹¹
- **3000-4000 level English electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Literary Studies Concentration

(Upper-level concentration in lieu of open English elective option.)

The 4th survey course (3 credits) not taken for the major core requirements. The survey courses are:

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR
- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- **3000 - 4000 - level American literature Credits: 3**⁸
- **3000 - 4000 - level pre-1660 British literature Credits: 3**⁹
- **3000 - 4000 - Level post-1660 British literature Credits: 3**¹⁰
- **3000-4000 level English Electives.** Students may select from all offerings, include Anglophone literature, literature in translation, translation studies, editing, media studies, journalism, professional writing, rhetoric, internship. **Credits: 6**

Total Credit Hours: 18

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts section.

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm courses fulfilling this requirement
- Must complete nine credit hours in one language or twelve credit hours in two languages (six credit hours in two languages).
- Students may take workshops in the same or different genre, 2 at 4000 level.
- Satisfies College requirement of oral competency.
- American Literature: ENGL 4030, ENGL 4031, ENGL 4032, ENGL 4033, ENGL 4034, ENGL 4043, ENGL 4045, ENGL 4091, ENGL 4092, or ENGL 4391
- British Literature before 1660: ENGL 4401, ENGL 4421, ENGL 4501, ENGL 4516, ENGL 4521, ENGL 4522, ENGL 4601, ENGL 4616, ENGL 4621, or approved ENGL 4391
- British Literature after 1660: ENGL 4701, ENGL 4702, ENGL 4715, ENGL 4716, ENGL 4801, ENGL 4802, ENGL 4807, ENGL 4808, ENGL 4815, or approved ENGL 4391
- For Nonfiction, these courses can fulfill this requirement: ENGL 4918, ENGL 4030, ENGL 4031, ENGL 4701, ENGL 4702, ENGL 4807, ENGL 4808. For Fiction: ENGL 4715, ENGL 4815, ENGL 4915, ENGL 4917, ENGL 4031, ENGL 4032, ENGL 4033, ENGL 4034, ENGL 4043, ENGL 4045. For Poetry: ENGL 4401, ENGL 4421, ENGL 4521, ENGL 4522, ENGL 4601, ENGL 4621, ENGL 4701, ENGL 4702, ENGL 4801, ENGL 4802, ENGL 4807, ENGL 4808, ENGL 4913, ENGL 4914. Approved Special Topics courses (ENGL 4091, ENGL 4092, ENGL 4093, and ENGL 4391) may also fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- FORL 1001 **Credits: 3**
- Social Science **Credits: 3**
- Science (BIOS) **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3**
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher
- FORL 1002 **Credits: 3**
- Social Science **Credits: 3**
- Science (BIOS or Physical Science) **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL 2258 - Interpreting Literature - **Credits: 3**

- ENGL 2071 - Afro-American Literature I - **Credits: 3**
OR
- ENGL 2072 - Afro-American Literature II - **Credits: 3**
OR
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**
OR
- ENGL 2091 - Spec Studies in Lit Diversity - **Credits: 3**

- FORL 2001 **Credits: 3**
- Social Science (2000 level) **Credits: 3**
- Science (BIOS or Physical Science) **Credits: 3**

Total Credit Hours: 15

Second Term

- Social Science (2000 level) **Credits: 3**
- Arts **Credits: 3**
- Humanities (History) **Credits: 3**
- Elective (Outside English, 3000+) **Credits: 3**

2 of the following:

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR

- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR
- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
OR
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
OR
- ENGL 2341 - Survey British Literature I - **Credits: 3**
OR
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 3381 - Intro to Contemporary Theory - **Credits: 3**
- ENGL 3/4XXX **Credits: 3**
- Humanities (History) **Credits: 3**
- Elective (Outside English, 3000+) **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 3382 - Methods in Research & Writing - **Credits: 3**
- ENGL 2/3/4XXX (elective or concentration) **Credits: 3**
- ENGL 2/3/4XXX (elective or concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- ENGL 3/4XXX (Elective or Concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 4XXX (Elective or Concentration) **Credits: 3**
- ENGL 3/4XXX (Elective or Concentration) **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Romance Languages (French), B.A.

Student Learning Outcomes

- FRENCH/SPANISH Students will develop proficiency in written expression and reading comprehension.
- FRENCH/SPANISH Students will develop proficiency in verbal expression and listening skills.
- FRENCH/SPANISH Students will acquire broad knowledge of French- Francophone/Spanish - Hispanophone cultures and civilizations.
- FRENCH/SPANISH The students shall demonstrate an understanding and appreciation of French/Spanish language literature and the ability to communicate them orally and in writing.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6*

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FREN 1001 - Basic French I - **Credits: 3**
- FREN 1002 - Basic French II - **Credits: 3**
- English Literature 2000+ from Gen Ed menu.⁵

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- History - European 2000+ **Credits: 3**
- History - European or Louisiana 2000+ **Credits: 3**
- FREN 2001 - Intermediate French I - **Credits: 3**
- FREN 2002 - Intermediate French II - **Credits: 3**
- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- English Literature course **Credits: 3**
- Electives **Credits: 16**

Total Credit Hours: 49

Course Requirements for Major

- French culture courses 3000+ **Credits: 6**
- FREN 3002 - Practical French Phonetics - **Credits: 3**
- FREN 3031 - French Conversation - **Credits: 3**
- FREN 3041 - Advanced French Grammar - **Credits: 3**
- FREN 3042 - Advanced French Comp & Syntax - **Credits: 3**
- FREN 3100 - Survey French Literature - **Credits: 3**
- FREN 3197 - Oral Proficiency - **Credits: 1**
- FREN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- FREN Electives 4000+ **Credits: 6**
- FREN Literature 3000+ **Credits: 3**

Total Credit Hours: 32

Total Credit Hours Required: 120

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
- Students must take one of the English courses from the Gen Ed menu- English 2041, 2043, 2071, 2072, 2090, 2091, 2208, 2218, 2311, 2312, 2341, 2377, 2378 or 2521

In all cases, college subject requirements should be completed before taking electives. Refer to the University and college requirements for particulars. In conference with a foreign language advisor each student will plan a balanced and coherent program designed for the student's particular needs and interests. Through choice of electives the student may wish to combine the Major program with another field of study: a second foreign language and literature, linguistics, the civilization of an area, an allied subject within the humanities, an allied field within the social sciences, sciences, or business administration.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Arts **Credits: 3**
- General Electives **Credits: 3**
- FREN 1001 - Basic French I - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- General Electives **Credits: 6**
- FREN 1002 - Basic French II - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- General Electives **Credits: 5**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- FREN 2001 - Intermediate French I - **Credits: 3**

Total Credit Hours: 14

Second Term

- BIOS or Physical Science **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- FREN 2002 - Intermediate French II - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Physical Science **Credits: 3**
- FREN 3031 - French Conversation - **Credits: 3**
- FREN 3041 - Advanced French Grammar - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Second Term

- European or Latin American History 2000+ **Credits: 3**
- FREN 3042 - Advanced French Comp & Syntax - **Credits: 3**
- FREN 3100 - Survey French Literature - **Credits: 3**
- FREN 3197 - Oral Proficiency - **Credits: 1**
- Social Sciences 2000+ **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- FREN 3002 - Practical French Phonetics - **Credits: 3**
- French Literature 3000+ **Credits: 3**
- French Culture 3000+ **Credits: 3**
- French Elective 4000 level **Credits: 3**
- Upper Level non-major elective **Credits: 3**

Total Credit Hours: 15

Second Term

- French Culture 3000+ **Credits: 3**
- Upper Level non-major elective **Credits: 4**
- French Elective 4000 level **Credits: 3**
- European or Louisiana History 2000+ **Credits: 3**
- FREN 3500 - Tutorial for Graduating Majors - **Credits: 1**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Romance Languages (Spanish), B.A.

Student Learning Outcomes

- FRENCH/SPANISH Students will develop proficiency in written expression and reading comprehension.
- FRENCH/SPANISH Students will develop proficiency in verbal expression and listening skills.
- FRENCH/SPANISH Students will acquire broad knowledge of French- Francophone/Spanish - Hispanophone cultures and civilizations.
- FRENCH/SPANISH The students shall demonstrate an understanding and appreciation of French/Spanish language literature and the ability to communicate them orally and in writing.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 3**⁶

Humanities

- SPAN 1001 - Basic Spanish I - **Credits: 3**
- SPAN 1002 - Basic Spanish II - **Credits: 3**
- English Literature 2000+ from Gen Ed Menu⁵

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- History-European or Latin American 2000+ **Credits: 6**
- SPAN 2001 - Intermediate Spanish I - **Credits: 3**

- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- English Literature 2000+ - **Credits: 3**
- Social Science Electives 2000+ - **Credits: 6**
- Electives outside of Major 3000+ - **Credits: 6**
- Electives - **Credits: 16**

Total Credit Hours: 49

Course Requirements for Major

- Hispanic Culture Courses 3000+ **Credits: 6**
- SPAN 3031 - Spanish Conversation - **Credits: 3**
- SPAN 3041 - Advanced Spanish Grammar - **Credits: 3**
- SPAN 3042 - Advanced Spanish Comp & Syntax - **Credits: 3**
- SPAN 3002 - Phonetics - **Credits: 3**
- SPAN 3197 - Oral Proficiency - **Credits: 1**
- SPAN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- SPAN Electives 4000+ **Credits: 6**
- SPAN Literature 3000+ **Credits: 6**

Total Credit Hours: 32

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least **6** hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
- Students must take one of the English courses from the Gen Ed menu- English 2041, 2043, 2071, 2072, 2090, 2091, 2208, 2218, 2311, 2312, 2341, 2377, 2378 or 2521.

In all cases college subject requirements should be completed before taking electives. Refer to the university and college requirements for particulars. In conference with a foreign language advisor each student will plan a balanced and coherent program designed for the student's particular needs and interests. Through choice of electives the student may wish to combine the Major program with another field of study: a second foreign language and literature, linguistics, the civilization of an area, an allied subject within the humanities, an allied field within the social sciences, sciences, or business administration.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Art **Credits: 3**
- General Electives **Credits: 3**
- SPAN 1001 - Basic Spanish I - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- General Electives **Credits: 6**
- SPAN 1002 - Basic Spanish II - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

Total Credit Hours: 15

Second Year of Enrollment

First Term

- General Electives **Credits: 6**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- SPAN 2001 - Intermediate Spanish I - **Credits: 3**

Total Credit Hours: 15

Second Term

- BIOS or Physical Science **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Physical Science **Credits: 3**
- SPAN 3031 - Spanish Conversation - **Credits: 3**
- SPAN 3041 - Advanced Spanish Grammar - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- Social Sciences **Credits: 3**

Total Credit Hours: 15

Second Term

- European or Latin American History 2000+ **Credits: 3**
- SPAN 3042 - Advanced Spanish Comp & Syntax - **Credits: 3**
- Spanish Lit 3000+ **Credits: 3**
- SPAN 3197 - Oral Proficiency - **Credits: 1**
- Social Sciences 2000+ **Credits: 6**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- SPAN 3002 - Phonetics - **Credits: 3**
- Spanish Literature 3000+ **Credits: 3**
- Hispanic Cultures 3000+ **Credits: 3**
- Spanish Elective 4000 level **Credits: 3**
- Upper Level non-major elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Hispanic Cultures 3000+ **Credits: 3**
- Upper level non-major Spanish Elective 4000 level **Credits: 3**
- European or Latin American History 2000+ **Credits: 3**
- SPAN 3500 - Tutorial for Graduating Majors - **Credits: 1**
- Elective **Credits: 3**

Total Credit Hours: 13

Total Credit Hours Required: 120

1. Required for all first-time full-time students.

Master of Arts

English, M.A.

Program Overview:

The Master of Arts program in English is designed to develop the student's knowledge of literature and language and skill in literary research and criticism. The program provides training for teachers of English in secondary schools and colleges, as well as prepares students for further graduate study in the humanities, careers in professional writing, and other nonacademic professions.

Student Learning Outcomes

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

- Research/Writing/Analytical Skills
- Find relevant research materials, evaluate scholarly arguments, and contribute to scholarly conversations.
- Master the techniques and conventions of scholarly and/or professional writing.
- Acquire the critical and analytical skills appropriate to the contextualization and interpretation of diverse texts.
- Demonstrate a command of written English, including how to a) organize and present material in a cogent fashion, b) formulate and develop cohesive arguments, and c) employ Students will develop mastery of the field of English studies, including knowledge of the principles of writing and argument; of the principles of criticism and/or theory; and of the substance and detail of many primary literary works in both British and American literature.
- Body of Knowledge
- Acquire a broad historical understanding of the analytical approaches, theoretical debates, and research methodologies relevant to their chosen concentration.
- Demonstrate familiarity with related fields outside of their chosen concentration-i.e., a well-rounded and up-to-date understanding of the study of literature, rhetoric, and writing as a whole.
- Professional Preparation
- Acquire a basic understanding of the professional opportunities afforded by the M.A. degree-including teaching, editing, publishing, and writing, and/or further graduate study.
- Acquire competence in the professional skills and practices necessary to pursue a career in one or more of these fields.

Admission

Admission is based on undergraduate GPA, and graduate GPA (if applicable), a writing sample, and a statement of purpose. Applications are accepted at any time; students may enroll in any semester.

Degree Requirements

The Master of Arts in English Program is available as either an onsite or fully online program. The program requires a total of 33 credit hours: 12 hours in core course, 9 hours in a concentration and 12 hours of electives. A minimum of 18 hours must be earned in English courses numbered 6000 and above. One three-hour ENGL 6397 - Directed Study may be counted toward fulfillment of this minimum requirement. For those students who choose to write a thesis, three hours of ENGL 7000 - Thesis Research will count toward the 18-hour requirement. The core courses are ENGL 6280; one course in British Literature

numbered 5000 or above; one course in American Literature 5000 or above; one course in writing or rhetoric numbered 5000 or above.

All students admitted to the graduate program will be referred to the Coordinator of Graduate Studies in English, who will guide each student in selecting and following a sound program of study suited to his or her needs and level of preparation. This program may, in individual cases, involve more coursework than is specified in the general requirements for the degree.

All students must complete a portfolio, which can be completed in the student's final semester or after coursework is complete. Students should consult with the Graduate Coordinator when they are advised for registration to discuss what shape their portfolio should take.

Romance Languages, M.A.

Program Overview

The Master of Arts in Romance Languages (French or Spanish Option) offers the student a concentration in one of two areas: language/culture/civilization or literature. The program prepares students for further graduate study leading to the degree of Doctor of Philosophy and provides training for teachers of French or Spanish in secondary schools and colleges. It also offers the opportunity for rigorous advanced study in the humanities to qualified persons for nonacademic professions.

Student Learning Outcomes

- Students will develop cultural, linguistic, and critical thinking skills in Romance Languages (Non thesis option).
- Students will develop cultural, linguistic, and critical thinking skills in Romance Languages (thesis option).

Admission

To be admitted to graduate studies in Romance Languages, a student must present a high standard of achievement in upper-level coursework in the target language (French or Spanish). In addition, the Foreign Language Department requires a statement of purpose written in the target language. Students with the bachelor's degree in fields other than French or Spanish may be admitted on a provisional basis to make up deficiencies.

Degree Requirements

- Language/Culture/Civilization
 - 33 credits in course work with at least 15 in courses numbered over 6000 or 30 credits in course work with at least 15 in courses numbered over 6000, including up to 6 credits in thesis research.
 - A "B" average in all courses.
 - Satisfactory performance on a comprehensive examination (written and oral) which will test the student in three areas of linguistics/civilization and in one period of literature (areas and a period which he/she may select from those indicated in the Reading List for the Master of Arts comprehensive exam).
 - Reading knowledge at the 2002 proficiency level of a second Romance Language (French, Spanish, Portuguese and Italian) or Latin.
 - Literature
 - 30 credits in course work with at least 15 in courses numbered over 6000, including up to 6 credits in thesis research or 33 credits in coursework with at least 15 in courses numbered over 6000.
 - A "B" average in all courses.
 - Satisfactory performance on a comprehensive examination (written and oral) which will test the student in three periods of literature and one area of linguistics/civilization (periods and an area which he/she may select from those indicated in the Reading List for the Master of Arts in comprehensive exam).
 - Reading knowledge at the 2002 proficiency level of a second Romance Language (French, Spanish, Portuguese and Italian) or Latin.
 - All students admitted to the graduate program will be referred to the Departmental Coordinators of Graduate Studies, who will guide each student in selecting and following a sound program of study suited to needs and level of preparation. This program may, in individual cases, involve more course work than is specified in the general requirements for the degree. For purposes of clarification, it should be understood that the descriptions of 6000-level courses in the pages below are only categorical and that narrowed topics are always chosen for study within these broad categories.
- The comprehensive examination is designed to test the candidate's knowledge of the language/culture/civilization or of the literature of his/her chosen field of study. The examination may be taken only after the candidate has passed the reading knowledge examination in a foreign language other than the major language area and has completed all of the course work. Ordinarily, the examination will be devoted to course work undertaken for the master's degree. The thesis is written under the supervision of an advisor assigned to the student by the Coordinators of Graduate Studies in Romance Languages. Credit for Romance Languages 7000 (Thesis Research) is granted only after the thesis has been approved by a committee appointed by the Graduate School and after the candidate has passed a one-hour oral examination on the thesis administered by this committee.

Financial Aid

Assistantships in the Department of Foreign Languages are available for a limited number of qualified applicants each year. Requests for application forms and for additional information should be addressed to the Coordinator of Graduate Studies in Romance Languages.

Master of Fine Arts

Creative Writing, M.F.A.

Student Learning Outcomes

- Students will produce high quality/publishable creative work in the genres of either fiction writing, poetry, nonfiction writing, playwriting or screenwriting.
- Students will demonstrate a sophisticated understanding of literary techniques in the genre of study.
- Students will demonstrate mastery of grammatical rules and display ability to edit texts at a professional level.
- Students will analyze and display an expertise in the literature of their genre. They will articulate clear and complex ideas on both classical and contemporary writing in their field of study.
- Students will demonstrate an understanding of the craft elements at work in classic and contemporary literature.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, an applicant is accepted for graduate work upon the recommendation of the creative writing faculty on the basis of clearly demonstrated skills in a creative writing genre, a personal statement, and three letters of recommendation. All applicants must identify the genre in which they plan to specialize and submit a portfolio of their writing in the genre (two plays of any length, a feature-length film script, two short stories or a 25-page novel excerpt, ten poems, two short nonfiction pieces, or a 35-page book excerpt).

Degree Requirements

Resident option

- Completion of at least 45 hours of Film and Theatre, and English courses.
- Fifteen hours of 6000-level course work in creative writing workshops, at least 12 of which will be in the thesis genre area. These required course are: for fiction writing ENGL 6161; for poetry writing, ENGL 6163; for nonfiction, English 6154; and for playwriting, FTA 6200. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Three hours in a craft seminar in their genre. These required courses are: for fiction writing, English 6945; for poetry writing, ENGL 6943; for nonfiction writing, English 6940; and for playwriting, ENGL 6946. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Any additional craft courses will count as electives.
- Three hours in ENGL 6154 - Non-Fiction Writing Workshop. For students whose genre is nonfiction writing, a workshop in a genre other than nonfiction is required in place of the three hours in ENGL 6154 required of students in the other genres.
- Nine hours in background literature courses. Fiction, poetry, and nonfiction writing students will be required to take this in the literature of their genre.
- Screenwriting and playwriting students must also take background courses in the literature of their genre, with the exception that up to six hours of this requirement may be taken in techniques courses in the Film and Theatre Arts Department.
- A grade of B or better in all required course work.
- Nine hours of electives. Chosen in consultation with the Director of Creative Writing, these elective hours will be expected to conform to a cohesive program of study.
- An overall GPA of 3.0 in elective courses.
- A creative thesis for which the student may receive six hours of preparation credit. The creative writing thesis will be prepared under the supervision of a committee approved by the Graduate School. The committee will ordinarily consist of three members of the graduate faculties of the departments of Film and Theatre and English. The thesis director and at least one other member must teach in the student's genre area.
- A comprehensive exam in the student's genre area that will be prepared, administered, and graded by the thesis committee. It will concern itself with the literature of the student's genre area.
- Students who hold master's degrees from other UNO programs may apply for admission, but upon acceptance they must meet all requirements for the M.F.A. degree listed above. However, only 9 hours from prior master's courses can count toward completion of the MFA, and all 15 required workshop hours must be conducted at UNO.

Financial Aid

Graduate assistantships are also available for qualified students in all Master of Fine Arts programs of study.

Online MFA

- The Online Master of Fine Arts is a unique option within the Master of Fine Arts in Creative Writing. Online Master of Fine Arts students take all their courses through distance learning, with the option of completing some coursework at one of UNO's summer study abroad sites. The program is a 45 hour terminal degree, with the curriculum centered on 18 hours of creative writing workshops, plus 12 hours of background courses, nine hours of electives, and six hours of thesis preparation; the required courses mirror the resident Master of Fine Arts degree.
- Completion of at least 45 hours of Film and Theatre and English courses.
- At least 27 hours of courses 5000 level and above must be taken online. The additional coursework may be completed in residence, through UNO Study

Abroad.

- A total of 15 hours of creative writing workshops (including those taken in residence) must be completed, at least 12 of which will be in the thesis genre area. The required online workshops are: for fiction writing ENGL 6171 or ENGL 6191; for poetry writing, ENGL 6173 or ENGL 6193; for nonfiction; ENGL 6174 or ENGL 6194; and for playwriting, FTA 6207 or FTA 6209. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Three hours in nonfiction writing are required of all students. For students whose genre is nonfiction writing, a workshop in a genre other than nonfiction is required in place of the three hours of nonfiction writing required of students in the other genres.
- Three hours in a craft seminar in their genre. These required courses are: for fiction writing, ENGL 6941; for poetry writing, ENGL 6943; for nonfiction writing, ENGL 6944; and for playwriting, ENGL 6946. (Screenwriting is now under the MFA in Film & Theatre degree.)
- Nine hours in background literature courses. Fiction, poetry, and nonfiction writing students will be required to take courses in which the literature of their respective genre comprises the majority of the assigned readings. Screenwriting and playwriting students must take background courses in the literature of their respective genre with the exception that up to six hours of this requirement may be taken in techniques courses in the Film and Theatre Arts Department.
- A grade of B or better in all required course work.
- Nine hours of electives. Chosen in consultation with the Director of Creative Writing, these elective hours will be expected to conform to a cohesive program of study. Any additional craft seminars beyond the one "in genre" required as outlined above will count as electives.
- An overall GPA of 3.0 in elective courses.
- A creative thesis for which the student may receive six hours of preparation credit. The creative writing thesis will be prepared under the supervision of a committee approved by the Graduate School. This committee will ordinarily consist of three members of the graduate faculties of the departments of Film and Theatre and English. The thesis director and at least one other member of the thesis committee must teach in the student's genre.
- A comprehensive exam in the student's genre area that will be prepared, administered, and graded by the thesis committee. It will concern itself with the literature of the student's genre area.
- Students who hold master's degrees from other UNO programs may apply for admission, but upon acceptance they must meet all requirements for the M.F.A. degree listed above. Moreover, only 9 hours from prior master's courses can count toward completion of the MFA, and all 15 required workshop hours must be conducted at UNO.

Minor

English Minor

Minor Requirements

Eighteen hours in English tailored to the needs of the student as approved by the Coordinator of Undergraduate English:

- Six hours of English department literature courses numbered 2000 or above.
- Twelve additional hours of English or Journalism courses numbered 2000 or above, nine of which must be at the 3000- or 4000-level.
- A minimum grade of C in each course taken for the Minor.

French Minor

Minor Requirements

A Minor requiring FREN 2002 and 15 additional credit hours of upper-level French with a 2.0 grade point average.

- FREN 2002 - Intermediate French II - **Credits: 3**
- French Electives, 3/4000-level **Credits: 15**

Spanish Minor

Minor Requirements

A Minor requiring SPAN 2002 and 15 additional credit hours of upper-level Spanish with a 2.0 grade point average.

- SPAN 2002 - Intermediate Spanish II - **Credits: 3**
- Spanish Electives 3/4000-level **Credits: 15**

Department of History and Philosophy

Accelerated Masters

History, Accelerated Master's (BA & MA)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Arts degree in History and the Master of Arts degree in History.

Bachelor of Arts

History, B.A.

Student Learning Outcomes

- History majors will demonstrate understanding of the history discipline by interpretation of primary source documents.
- History majors will exhibit the skills necessary for historical analysis via written and oral narrative.
- History majors will produce scholarly material by demonstrating the use of both primary and secondary sources.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

*See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**⁵
- FORL 1002 **Credits: 3**⁵
- Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**⁸

Arts

- Arts Elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**

- Electives **Credits: 21-24**
- PHIL Elective **Credits: 3**

- FORL 2001 **Credits: 3**
- OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- History Electives (Upper Level) **Credits: 15**
- HIST Electives, any level **Credits: 6**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
- Check General Education Courses to confirm courses fulfilling this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- Students can fulfill this requirement with courses from the subject areas listed as Liberal Arts Approved Electives, or by taking courses at the 3000+ level in social sciences or arts, thereby fulfilling two requirements at once. The application of a course to two requirements, however, does not reduce the total number of hours required for graduation.
- The nine hours of foreign language must be in the same language. Alternately, students may opt to take 12 hours in two foreign languages (six hours in each of two languages.) If the 12-hour option is chosen, students may reduce approved electives by three hours. Advanced courses in foreign language are recommended for students anticipating graduate study.
- At least six hours of history electives must be from history courses with a geographical focus other than the United States.

LITERATURE: Six hours in literature courses from ENGL or Foreign Languages. Note: Writing or linguistics courses will not count toward the degree. Check prerequisites with these departments before choosing courses.

MATHEMATICS: Six hours above the remedial level (no credit for MATH 1021 or 1022). Placement in MATH courses by ACT score. Credit will be awarded for MATH 1115, MATH 1125, and/or MATH 1126 courses for those who pass higher level courses in the sequence with a C or better.

SCIENCE: Nine hours in two sciences (choose from BIOS, EES, CHEM, or PHYS): six hours in one science, plus three hours in another science. Three of the required hours must be in biology (BIOS 1053 and BIOS 1063, the non-major biology courses, are recommended).

ARTS: Three hours of arts courses from FA, MUS, or FTCA.

FOREIGN LANGUAGE: There are two paths to satisfying the language requirement: either successful completion of a three-semester sequence in a single foreign language (9 hrs.), or two semesters each in two different foreign languages (12 hrs.). Students with prior knowledge of a language may take a placement test to place into the second, third, or fourth semesters. Bypass credit will be awarded for all skipped courses if the student earns a C or better in the advanced courses.

SOCIAL SCIENCE: Twelve hours in ANTH, ECON, EDUC, GEOG, POLI, PSYC, SOC, URBN, WS. Six hours of credit at any level, plus six hours of credit at the 2000+ level. Students must take courses in at least two different subject areas.

HISTORY: HIST 1001, HIST 1002, HIST 2501, HIST 2502, and HIST 3002 plus 15 hours of elective 3000-4000 level HIST courses, and six hours of elective HIST courses at any level. Elective hours must be organized as follows: nine hours in a field of concentration (US, European, or Non-Western History) and six hours outside the concentration (including 3 hours of Non-Western History).

PHILOSOPHY: 3 hours of PHIL at any level.

ELECTIVES: Thirty (30) or 33 hours of electives. Students may take no more than 9 hours of "nonapproved" electives, including a maximum of 3 hours of EDPE and EDHS (See College of Liberal Arts, Education, and Human Development catalog for a list of approved electives).

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Philosophy **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- HIST 1001 - World History I - **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- HIST (any level) **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher

- HIST 1002 - World History II - **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 1001 **Credits 3**
- Social Sciences **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- HIST 3000+ **Credits: 3**
- FORL 1002 **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- BIOS/Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- FORL 2001 **Credits: 3**
- HIST 3000+ **Credits: 3**

- Physical Science **Credits: 3**
- Electives **Credits: 3**

Total Credit Hours: 15

Second Term

- HIST any level **Credits: 3**
- Non - HIST 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Arts **Credits: 3**
- Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- HIST 3000+ **Credits: 3**
- Non- HIST 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Second Term

- HIST 3000+ **Credits: 3**
- HIST 3000+ **Credits: 3**
- Electives **Credits: 5**
- PHIL Elective **Credits: 3**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Philosophy, B.A.

Student Learning Outcomes

- Philosophy majors will be capable of reading both primary and secondary texts, analyzing the arguments contained in them correctly, and developing cogent philosophical arguments in defense of their own claims.
- Philosophy majors will demonstrate a willingness to entertain criticism, the ability to formulate and reply to reasoned objections, and the ability to present opposing views critically, yet sympathetically.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of Logic.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of Value Theory.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core area of History of Philosophy.
- Philosophy majors will demonstrate a broad understanding of key concepts, problems, ideas, and fundamental questions found in the core areas of Metaphysics & Epistemology.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**²

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- FORL 1001 **Credits: 3**¹
- FORL 1002 **Credits: 3**¹
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- Social Science 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 24-27**
- PHIL 1101 - Introduction to Logic - **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits 3**

- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**
- HIST Elective **Credits: 3**

Total Credit Hours: 51

Course Requirements for Major

- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- PHIL Electives **Credits: 14**
- PHIL 3000+ **Credits: 15**

Total Credit Hours: 30

8

Total Credit Hours Required: 120

- Must complete nine credit hours in one language or six credit hours in two languages.

- "C" or better required.
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- A minimum of 33 credit hours of PHIL courses, including at least 15 in courses numbered above 3001, is required for the major in philosophy. Not more than six hours of 1000-level courses will be allowed to count toward this 33-hour total.
- Majors are required to take PHIL 3030 during their senior year.
- No more than two 1000-level courses may count among the required 33 credit hours in PHIL courses and each student must complete at least one course in Metaphysics/Epistemology (any PHIL course whose second digit is a "4") may be waived. In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department. Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- PHIL Elective **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- FORL 1002 **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher

- PHIL Elective **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- PHIL Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**

- Arts **Credits: 3**
- Social Science 2000+ **Credits: 3**
- PHIL Elective **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHIL Elective **Credits: 2**
- PHIL 3000+ **Credits: 3**
- Physical Science **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Elective **Credits: 4**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Electives **Credits: 9**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHIL 3000+ **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Philosophy, Pre-Law Concentration, B.A.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**²

Mathematics

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3** or higher
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- FORL 1001 **Credits: 3**¹
- FORL 1002 **Credits: 3**¹
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- PHIL 1101 - Introduction to Logic - **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits 3**

- Social Science Electives 2000+. **Credits: 6**
- English Literature Elective **Credits: 3**
- History Elective **Credits: 3**
- Non-PHIL Electives 3000+ **Credits: 6**
- Free electives **Credits: 27**

Total Credit Hours: 51

Course Requirements for Major

- PHIL 2311 - Hist Ancient & Medieval Phil - **Credits: 3**
- PHIL 2215 - Social & Political Philosophy - **Credits: 3**
OR
- PHIL 2207 - Philosophy of Law - **Credits: 3**
- PHIL Electives 3000+ **Credits: 11**
- PHIL 2201 - Ethics - **Credits: 3**
- PHIL 2312 - History Modern Philosophy - **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**

Two from

- PHIL 3094 **Credits: 3**¹
- PHIL 3095 **Credits: 3**¹
- PHIL 3101 - Advanced Logic - **Credits: 3**
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- PHIL 4201 - Advanced Ethics - **Credits: 3**
- PHIL 4205 - Environmental Ethics - **Credits: 3**
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- Must complete nine credit hours in one language or six credit hours in two languages.
- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check General Education Courses to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement.
- Up to 3 credit hours can be substituted for an appropriate elective outside of philosophy.
- No more than two 1000-level courses may count among the required 30 PHIL credit hours and each student must complete at least one course in Metaphysics/Epistemology ('-4--').
- PHIL 3094: Directed Readings in Philosophy and/or PHIL 3095: Special Topics in Philosophy may be taken by department permission to satisfy this requirement when the topic of PHIL 3094 or PHIL 3095 is connected with legal philosophy, social philosophy, political philosophy, ethics, logic, or some other topic determined by the department to be relevant to this concentration.
- No more than two 1000-level courses may count among the required 33 credit hours in PHIL courses and each student must complete at least one course in Metaphysics/Epistemology (any PHIL course whose second digit is a "4")li>

In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department.

Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3** or higher

- PHIL 1101 - Introduction to Logic - **Credits: 3**
- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**

- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR

- MATH 1116 **Credits: 3** or higher
- PHIL 2201 - Ethics - **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
- FORL 2001 **Credits: 3**
- POLI 2051 **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- PHIL 2311 - Hist Ancient & Medieval Phil - **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Arts **Credits: 3**
- POLI 2200 - U.S. Courts and Judges - **Credits: 3**
- PHIL 2312 - History Modern Philosophy - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHIL 2207 - Philosophy of Law - **Credits: 3**
OR
- PHIL 2215 - Social & Political Philosophy - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Physical Science **Credits: 3**

- POLI 4410 - American Constitutional Law - **Credits: 3**
OR
- POLI 4420 - Am Const & Civil Liberties - **Credits: 3**
OR
- POLI 4440 - Urban Judicial Process - **Credits: 3**
OR
- POLI 4640 - US Congress & People - **Credits: 3**
OR
- POLI 4860 - International Law - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- PHIL 3094 **Credits: 3**
OR
- PHIL 3095 **Credits: 3**
OR
- PHIL 3101 - Advanced Logic - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 4201 - Advanced Ethics - **Credits: 3**
OR
- PHIL 4205 - Environmental Ethics - **Credits: 3**

OR

- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Non-PHIL 3000+ **Credits: 3**
- Elective **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHIL 3094 **Credits: 3**
OR
- PHIL 3095 **Credits: 3**
OR
- PHIL 3101 - Advanced Logic - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 4201 - Advanced Ethics - **Credits: 3**
OR
- PHIL 4205 - Environmental Ethics - **Credits: 3**
OR
- PHIL 4215 - Adv Soc & Pol Phil - **Credits: 3**
- PHIL 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 15

Second Term

- PHIL 3000+ **Credits: 3**
- PHIL 3030 - Individual Senior Seminar - **Credits: 1**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Philosophy, Public Policy, Ethics and Law Concentration, B.A.

General Education Requirements

Select General Education Requirements from the General Education Menu

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**¹
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- Mathematics - **Credits: 6**

Sciences

- BIOS Elective ⁴ - **Credits: 3**
- Physical Science Elective ⁴ - **Credits: 3**
- BIOS Elective or Elective from same Physical Science ⁴ - **Credits: 3**

Humanities

- FORL 1001 ¹ - **Credits: 3**
- FORL 1002 ¹ - **Credits: 3**
- English Literature Elective - **Credits: 3**

Arts

- Arts Elective ⁵ - **Credits: 3**

Social Sciences

- Social Science Electives ³ - **Credits: 6**

Major Requirements

- PHIL 1050 - Analytical Reasoning - **Credits: 3**
OR
- PHIL 1101 - Introduction to Logic - **Credits: 3**
- PHIL 2201 - Ethics - **Credits: 3**
- PPEL 3000 - Foundations of Public Policy, Ethics, and Law - **Credits: 3**
- PPEL 3900 - Current Topics in Public Policy, Ethics, and Law - **Credits: 3**
- PPEI 3910 - Public Policy, Ethics, and Law Capstone - **Credits: 3** ⁶
- Philosophy Elective 4000-level ⁸ - **Credits: 3**
- Philosophy Elective 3000-level ⁸ - **Credits: 3**
- Philosophy Elective 3/4000-level ⁸ - **Credits: 3**
- Philosophy Electives ⁷ - **Credits: 6**

Other Requirements

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**
- POLI 2900 - Methods of Political Research - **Credits: 3**
- FORL 2001/1001 ⁵ - **Credits: 3**
- English Literature Elective - **Credits: 3**
- Electives outside Major 3000+ - **Credits: 6**
- Electives - **Credits: 27**

Total Credit Hours: 120

- Must complete nine credit hours in one language or six credit hours in two languages
 - "C" or better required
 - Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN). Check General Education Courses to confirm what courses fulfill this requirement
 - 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm what courses fulfill this requirement
 - From FA, MUS, theater or film/video-related FTA. Check General Education Courses to confirm what courses fulfill this requirement
 - With the approval of the Director of the University Honors Program, honors thesis/project graduation requirements can be satisfied by student work in 3910.
 - 3 credit hours may be substituted with a relevant course from another department with the permission of the chair.
 - Electives must be from PHIL 3580 through 3599 or PHIL 4580 through 4599.
- In unusual circumstances, one or more of these requirements may be waived. A student seeking such an exemption should petition the department.

Philosophy majors should, in consultation with the departmental academic advisor, plan a well-balanced and coherent program of study tailored to their particular needs and interests.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
 - Math 1031, Math 1115, or higher **Credits: 3**
 - POLI 2151 - US Govt & Politics - **Credits: 3**
 - PHIL 1101 - Introduction to Logic - **Credits: 3**
 - PHIL 2201 - Ethics - **Credits: 3**
 - UNIV 1001 - University Success - **Credits: 1**
- Total Hours: 16**

Second Term

- ENGL 1158 or ENGL 1159 **Credits: 3**
 - MATH 1032 or higher **Credits: 3**
 - Foreign Language 1001 **Credits: 3**
 - ECON 1203 - Principles of Microeconomics - **Credits: 3**
 - PPEL 3000 - Foundations of Public Policy, Ethics, and Law - **Credits: 3**
- Total Hours: 15**

Second Year of Enrollment

First Term

- Gen Ed Biology **Credits: 3**
 - Foreign Language 1002 **Credits: 3**
 - Gen Ed Literature **Credits: 3**
 - POLI 2900 - Methods of Political Research - **Credits: 3**
 - Philosophy elective **Credits: 3**
- Total Hours: 15**

Second Term

- Gen Ed Biology or Physical Science **Credits: 3**
 - Foreign Language 2001 **Credits: 3**
 - Literature elective **Credits: 3**
 - Gen Ed Arts **Credits: 3**
 - PPEL 3900 - Current Topics in Public Policy, Ethics, and Law - **Credits: 3**
- Total Hours: 15**

Third Year of Enrollment

First Term

- Gen Ed Physical Science **Credits: 3**
 - Philosophy elective **Credits: 3**
 - Philosophy 3000+ elective **Credits: 3**
 - Electives **Credits: 6**
- Total Hours: 15**

Second Term

- Non-Philosophy 3000+ elective **Credits: 3**
 - Philosophy elective **Credits: 3**
 - Philosophy 3000+ elective **Credits: 3**
 - Electives **Credits: 6**
- Total Hours: 15**

Fourth Year of Enrollment

First Term

- Non-Philosophy 3000+ elective **Credits: 3**
 - Philosophy 3000+ elective **Credits: 3**
 - Electives **Credits: 9**
- Total Hours: 15**

Second Term

- PPEI 3910 - Public Policy, Ethics, and Law Capstone - **Credits: 3**
 - Electives **Credits: 12**
- Total Hours: 15**

Total Credit Hours: 120

Master of Arts

History, M.A.

Program Overview:

The graduate program leading to the Master of Arts degree in history provides intensive training for well qualified students in both European and American history. It serves to prepare students for work elsewhere at the doctorate level, to provide training for teachers in the secondary schools, and to offer advanced study in the humanities for those interested in nonacademic professions.

Student Learning Outcomes

- Graduate students will demonstrate active participation within the historical and academic community, thereby building scholastic and career skills.
- Graduate students will demonstrate mastery of the basic skills of historical research and writing.
- Graduate students will produce scholarly material that incorporates advanced integration of scholarly material and research skills.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

admission to the graduate history program will be determined by the department upon the basis of the applicant's personal statement, undergraduate transcripts reflecting a high level of undergraduate achievement (typically, a GPA of 3.0 or above), and two letters of recommendation from professors with whom the applicant has studied. For application instructions, prospective students should consult the department's website;
<http://history.uno.edu/grad/>

Degree Requirements

All candidates must complete a total of 30 credit hours, with at least 15 hours in courses at the 6000 level, a maximum of 12 hours at the 5000 level, and at least 3 hours of thesis research.

Required Courses

Only grades of B or better will be accepted toward fulfillment of degree requirements. The department recommends enrolled students register every semester for HIST 6005 - Grad History Forum.

The program will culminate with a thesis that demonstrates an appropriate level of skill in historical research and writing, as well as a comprehensive oral examination designed to test the student's general knowledge of history.

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

At Least One History Seminar from the Following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Concentration in International and Global Studies

This concentration focuses on global, transnational and comparative approaches to the history of our increasingly interconnected world. In addition to the core history curriculum, a limited amount of interdisciplinary coursework that accentuates the interaction of states, societies, peoples and cultures over time will be deemed applicable. This concentration prepares students for both advanced graduate study and for careers in education, international organizations, government and the private sector. Students must complete a total of 30 credits hours and successfully defend a thesis.

Required Courses:

Students internships may be performed in the United States or, preferably, at an overseas campus or other location abroad. Candidates for the International and Global Studies concentration must be certified as having a reading and oral proficiency in one modern foreign language. As with the standard curriculum, the concentration will culminate with a thesis and a comprehensive oral examination.

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6201 - Seminar in World History - **Credits: 3**
- One additional 5000- or 6000 - level history course featuring significant international topics and material.
- Three additional 5000- or 6000-level courses in other disciplines. These courses must be designated by the History Department's Graduate Coordinator as featuring significant international topics and material relevant to the candidate's course of study.
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (3 hours) at the 5000 or 6000 level.
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

Concentration in Public History

The concentration in public history is available to students interested in the practice and presentation of history for a public audience, beyond the academy. This concentration does not preclude pursuit of a doctorate in history, but it is designed to provide history students with the opportunity to use New Orleans as a laboratory in which to develop skills for work in museums and other public venues. The curriculum for this concentration combines history coursework with courses in the theory and practice of public history, and a three-hour internship at a local museum, archive, or library. Students in this concentration must complete a total of 30 credit hours in one of two tracks, culminating with a thesis and a comprehensive oral examination.

Local & Community Track

This track allows students to focus on historical issues of local and community interest. In addition to other coursework, students will be placed in an internship position at a local institution with the help of the internship coordinator.

Required Courses

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**

- HIST 5008 - Public History Methods - **Credits: 3**
OR
- HIST 5012 - Digital History

- HIST 5603 - Research in New Orleans History
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (6 hours) at the 5000 or 6000 level
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

One seminar from the following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Military Track

This track allows students to focus on issues pertaining to military history. In addition to other coursework, students will be placed in an internship position at a local historical museum or site with the help of the internship coordinator.

Required Courses

- HIST 6001 - Historical Writing and Thought - **Credits: 3**
- HIST 6002 - Methods & Research - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**

- HIST 5008 - Public History Methods - **Credits: 3**
OR
- HIST 5012 Digital History

- HIST 5003 - Modern Military History - **Credits: 3**
- HIST 5565 - US Military History - **Credits: 3**
- HIST 6992 - History Internship - **Credits: 3**
- Approved electives (3 hours) at the 5000 or 6000 level
- HIST 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

One seminar from the following:

- HIST 6201 - Seminar in World History - **Credits: 3**
- HIST 6301 - Seminar in European History - **Credits: 3**
- HIST 6501 - Seminar in American History - **Credits: 3**
- HIST 6601 - Seminar in Special Topics - **Credits: 3**
- HIST 6803 - Seminar Urban Hist - **Credits: 3**

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Minor

History Minor

Minor Requirements

To achieve a Minor in History the student must complete 18 hours credit in history with a 2.0 average. At least 50% of the credit hours must be in courses numbered 3000 or above. Students should consult with a history advisor in planning a minor.

Philosophy Minor

Minor Requirements

A minimum of 18 credit hours of Philosophy, with a grade-point average of at least 2.0, is required for a Minor in Philosophy. At least 50% of the hours must be in courses numbered 3000 or above; another six hours must be in courses numbered 2000 or above. Minors in philosophy are also required to complete at least one course in each of three of the four central areas of philosophy, as defined in the requirements for majors.

Department of International Studies

The College of Liberal Arts offers the degree of Bachelor of Arts in International Studies (BAIS) administered through the office of the Dean by the Director of International Studies. The degree's multi-disciplinary curriculum draws upon courses in Anthropology, Economics, English, Fine Arts, Geography, History, Philosophy, Political Science, Sociology, and Foreign Languages. Courses from these disciplines and an internship with a government agency, a non-governmental international agency, or an international corporation comprise the core requirements of the program. Students in this program complete a Business or a 24-credit hour concentration in any one of the college's four area studies (Africana Studies, Asian Studies, European Studies, and Latin American and Caribbean Studies) or in any of the four topical themes (Diplomacy and International Organizations; Environmental Issues and Policy; Ethnicity, Nationalism, and Migration; and Peace & Justice Studies). Other topical themes may be developed by individual students in consultation with

faculty advisors and the Director of International Studies.

Bachelor of Arts

International Studies, B.A.

Student Learning Outcomes

- Students will acquire a broad understanding of the increasingly international and global political, economic, cultural, social and environmental forces that affect the world's peoples.
- Students will become familiar with a diversity of approaches, tools and methodologies applicable to scholarly research on international and global studies.
- Students will obtain specialized knowledge by completing either the International Business Track or one of nine distinct Regional or Thematic Concentrations including: Asian Studies; Africana Studies; Latin American & Caribbean Studies; European Studies; Diplomacy & International Organizations; Ethnicity, Nationalism & Migration; Peace & Justice Studies; Environmental Issues & Policy.
- Students will achieve enhanced foreign language capacity applicable to their chosen concentration and career prospects.
- Students will become globally engaged at the personal and professional level, prepared for international experiences and careers in international diplomacy, policy, business, government, media, law or education.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or above

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- SOC 1051 - Introductory Sociology - **Credits: 3**
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
- POLI 2700 - Introduction to World Politics - **Credits: 3**

Arts

- Arts Elective **Credits:3**³

Total Credit Hours: 39

Other Requirements

- POLI 2900 - Methods of Political Research - **Credits: 3**
OR
- SOC 2708 - Methods in Social Research - **Credits: 3**

- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course **Credits: 3**⁴
- Approved Electives **Credits: 9**⁹
- FORL 2001 **Credits: 3**
- FORL 2002 **Credits: 3**
- Literature **Credits: 3**⁵

Total Credit Hours: 27

Course Requirements for Major

- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

- Additional FORL (language/not lit) **Credits: 3**⁷
- Additional FORL (language/not lit) **Credits: 3**⁷

- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900

- Non-Western or Diplomatic HIST Series **Credits: 6**⁶
- Concentration **Credits: 24**^{8,9}

Total Credit Hours: 54

Total Credit Hours Required: 120

- "C" or better required
- A total of nine hours of science are required, including a 6-hour sequence in one science. Select from BIOS, CHEM, EES, or PHYS. At least 3 of the 9 science hours must be BIOS.
- FA, MUS, or theatre/dance/film-related course
- Any 2000-level or higher course in any discipline that treats culture, e.g., ANTH 2052
- Literature course may be in ENGL, FREN, or SPAN
- Non-Western History Option includes any 2000-level or higher HIST course with a non-U.S./non-European focus. (Note: Students with an area studies concentration should choose 6 hours unrelated to that area.) Diplomatic History Option includes any two of the following courses: HIST 4381, HIST 4570, HIST 4575, 4580, HIST 4581 or other course by the program director.
- Enhanced foreign language capacity may be achieved by completing 12 hours in a primary foreign language and one of the following: a) completing an additional six hours of 3000+ level non-literature foreign language coursework, b) completing an additional six hours of non-literature coursework at any level in a second foreign language, or c) demonstrating competency as determined by the Director of International Studies in consultation with the appropriate faculty in the Department of English and Foreign Languages. If a 3000-level conversation course is included in these 6 hours it will also satisfy COLAEHD's oral competency requirement. If a conversation course is not included, students should include in Electives a course that fulfills the oral competency requirement for majors in any relevant discipline.
- Students pursuing Regional concentrations must take POLI 2600; students pursuing Thematic concentrations must take POLI 2700.
- The 24 total hours of course work taken in the concentration must be divided between at least three disciplines and should include at least three but no more than six hours of internship in the appropriate area. At least 12 of the 24 hours taken in the concentration must be at the 2000-level or above. Some concentrations impose further requirements.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹
- SOC 1051 - Introductory Sociology - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- FORL 1002 **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or above

- POLI 2700 - Introduction to World Politics - **Credits: 3**
OR
- POLI 2600 - Intro Comparative Government - **Credits: 3**

- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS or Physical Science **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- FORL 2001 **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course 2000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- Arts **Credits: 3**
- FORL 2002 **Credits: 3**

- GEOG 2801 **Credits: 3**
OR
- POLI 2900 - Methods of Political Research - **Credits: 3**
OR
- SOC 2708 - Methods in Social Research - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 3000+ **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900 **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 3000+ **Credits: 3**
- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Literature **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
OR
- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
OR
- POLI 4900 **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Area or Topical Studies **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Area or Topical Studies **Credits: 3**
- Approved Elective **Credits: 3**
- Approved Elective **Credits: 3**
- Approved Elective **Credits: 2**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Concentration Requirements

Students may choose a concentration from:

- Africana Studies Concentration

- Asian Studies Concentration
- European Studies Concentration
- Latin American & Caribbean Studies Concentration
- Diplomacy & International Organizations Concentration
- Environmental Issues & Policies Concentration
- Ethnicity, Nationalism, & Migration Concentration
- Peace & Justice Studies Concentration

International Studies, International Business Option, B.A.

The Bachelor of Arts in International Studies offers a business track for students seeking a degree program combining a broad-based liberal arts core curriculum with course work in Accounting, Marketing, Finance, Economics, Management, and Business Administration. This program prepares students for careers with international corporations, government agencies, and non-governmental and non-profit agencies that seek professionals with business and financial training, proficiency in at least one foreign language, and a general education in global and cultural issues.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- SOC 1051 - Introductory Sociology - **Credits: 3**
- POLI 2700 - Introduction to World Politics - **Credits: 3**

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

- Culture Course **Credits: 3**⁴
- FORL 2001 **Credits: 3**
- FORL 2002 **Credits: 3**⁸
- Literature **Credits: 3**⁵

Total Credit Hours: 21

Course Requirements for Major

- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

- FORL 3000-level (language/not lit) **Credits: 3**
- Foreign Language 3000- level (Language/not lit) **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 6**

Choose 6 Hours

- POLI 4800 - Concepts & Patrn Intl Politics - **Credits: 3**
- POLI 4700 - Latin Am Govts & Politics - **Credits: 3**
- POLI 4900 **Credits: 6**

Total Credit Hours: 30

Concentration/Option Requirements/Electives

- ACCT 2100 - Principles of Accounting - **Credits: 3**

- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4306 - International Finance - **Credits: 3**
OR
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**⁷
OR
- BA 4048 - International Business Law - **Credits: 3**⁷
OR
- ACCT 4126 **Credits: 3**⁷
OR
- IS 4998 - Internship Internatnl Studies - **Credits: 3 - 6 (Variable)**
OR
- IS 4999 - Honors Internship IS - **Credits: 3 - 6 (Variable)**
- or other course approved by director of BAIS program

- Electives **Credits: 9**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- FTA (theatre/dance/film related course, FA or MUS)
- Any 2000-level or higher course in any discipline that treats culture, e.g., ANTH 2052
- Literature course may be in ENGL, FREN, or SPAN
- Non-Western History Option includes any 2000-level or higher HIST course with a non-U.S./non-European focus. (Note: Students with an area studies concentration should choose 6 hours unrelated to that area.) Diplomatic History Option includes any two of the following courses: HIST 4381, HIST 4570, HIST 4575, 4580, HIST 4581 or other course by the program director.
- Course has a prerequisite or requires departmental consent.
- All FORL courses should be in one language only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3** or higher
- SOC 1051 - Introductory Sociology - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- MATH 2785 - Elemen Stat Bus Econ - **Credits: 3**
- POLI 2700 - Introduction to World Politics - **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS or Physical Science **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 4**
- FORL 2001 **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- Culture Course 2000+ **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 2002 **Credits: 3**
- Arts **Credits: 3**
- BA 2780 - App Software for Business - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

- SOC 4094 - Social Change - **Credits: 3**
OR
- SOC 4086 - Sociological Theory - **Credits: 3**
OR
- SOC 4101 - Social Organization - **Credits: 3**
OR
- SOC 4124 - Social Stratification - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FORL 3000+ **Credits: 3**
- POLI Core Course **Credits: 3**
- ACCT 2200 **Credits: 3**
- MKT 3501 - Principles of Marketing - **Credits: 3**
- FIN 3300 - Principles of Financial Mgmt - **Credits: 3**

Total Credit Hours: 15

Second Term

- FORL 3000+ **Credits: 3**
- ANTH 4765 - Ethnicity in Contemp Society - **Credits: 3**
- GEOG 4310 - Political Geography - **Credits: 3**
- ECON 4261 - International Trade Theory - **Credits: 3**
- MKT 4546 - Int'l Marketing Management - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Literature **Credits: 3**
- POLI Core Course **Credits: 3**
- Non-Western or Diplomatic HIST **Credits: 3**
- MANG 3401 - Intro to Mgmt & Org Behavior - **Credits: 3**

- ECON 4261 - International Trade Theory - **Credits: 3**
OR
- ECON 4262 **Credits: 3**
OR
- HRT 2050 - Principles of Travel/Tourism - **Credits: 3**
OR
- HRT 4250 - International Tourism - **Credits: 3**
OR
- BA 3048 **Credits: 3**¹
OR
- ACCT 4126 **Credits: 3**¹
OR
- IS 4998 - Internship Internatnl Studies - **Credits: 3 - 6 (Variable)**
OR
- IS 4999 - Honors Internship IS - **Credits: 3 - 6 (Variable)**
- or other approved course

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- MANG 4446 - International Management - **Credits: 3**
- Elective (Language recommended) **Credits: 3**
- Elective **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Course has a prerequisite or requires departmental consent.
- Required for all first-time full-time students.

Department of Political Science

Bachelor of Arts

Political Science, B.A.

Student Learning Outcomes

- Graduates will have a basic understanding of political science, political processes, and the role of politics in social affairs.
- Students will demonstrate ability to quantitatively analyze political information.
- Graduates will have knowledge of politics outside the United States.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Foreign Language 2001/1002 **Credits: (3 or 6)**

- Social Science 2000+ **Credits: 6**
- Non-POLI electives 3000+ **Credits: 6**
- Electives **Credits: 27-30**⁷

Total Credit Hours: 48

(Total elective hours in other requirements of 27-30 and total hours of 48 pertains to the Political Science major with no concentration. When the pre-law concentration is added, the hour total is reduced by 3 hours.)

Course Requirements for Major

- POLI 2151 - US Govt & Politics - **Credits: 3**
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
- POLI 2700 - Introduction to World Politics - **Credits: 3**

- POLI 2900 - Methods of Political Research - **Credits: 3**
- Political Science electives, 3000+ **Credits: 9**
- Political Science elective, any level **Credit: 3**

Total Credit Hours: 21

Political Science (No Concentration)

- Political Science Electives 3000+ **Credits: 9**⁷
- Political Science Elective, any level **Credits: 3**

Total Credit Hours: 12

Pre-Law Concentration

- POLI 2200 - U.S. Courts and Judges - **Credits: 3**

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- ENGL 2155 - Intro to Professional Writing - **Credits: 3**
OR
- ENGL 4158 - Legal Writing - **Credits: 3**

Choose 3

- POLI 4170 - Politics of Public Policy - **Credits: 3**
- POLI 4410 - American Constitutional Law - **Credits: 3**
- POLI 4420 - Am Const & Civil Liberties - **Credits: 3**
- POLI 4440 - Urban Judicial Process - **Credits: 3**
- POLI 4630 - The U.S. Presidency - **Credits: 3**
- POLI 4640 - US Congress & People - **Credits: 3**
- POLI 4650 - Southern Politics - **Credits: 3**
- POLI 4670 - Women and Politics - **Credits: 3**
- POLI 4780 - Comparative Democratization - **Credits: 3**
- POLI 4820 - International Organization - **Credits: 3**
- POLI 4840 **Credits: 3**
- POLI 4860 - International Law - **Credits: 3**
- POLI 4870 - American Foreign Policy - **Credits: 3**
- POLI 4885 - Issues in Conflict & Diplomacy - **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120

- "C" or better required.
 - Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - 6 hour sequence in one science; 3 hours in another science. Select from BIOS, CHEM, EES, PHYS but either the 3 hour science or the 6-hour science sequence must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
 - Must complete nine credit hours in one language or six credit hours in two languages.
 - See the list of Approved Electives for the College of Liberal Arts, Education and Human Development.
-
- Total elective hours in other requirements of 27-30 and total hours of 48 pertains to the Political Science major with no concentration. When the pre-law concentration is added, the hour total is reduced by 3 hours.
-
- At least one 3000 level or above political science course must be in US politics and at least one 3000+ political science course must be in Comparative Politics or International Relations.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- FORL 1001 **Credits: 3**
- BIOS **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3** etc.
- POLI 1010 - Contemporary Issues Politics - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- FORL 1002 **Credits: 3**
- Other Physical Science **Credits: 3**
- Other MATH **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Literature **Credits: 3**
 - FORL 2001 **Credits: 3**
 - Other Physical Science **Credits: 3**
-
- POLI 2600 - Intro Comparative Government - **Credits: 3**
OR
 - POLI 2700 - Introduction to World Politics - **Credits: 3**
 - Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Literature **Credits: 3**
- Approved Arts **Credits: 3**
- Other Social Science or Humanities **Credits: 3**
- POLI Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Other Social Science or Humanities **Credits: 3**
- POLI 2900 - Methods of Political Research - **Credits: 3**
- Any POLI course at 3000+ level in US Politics **Credits: 3**
- Any POLI course at 3000+ level in International or Comparative **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Other Social Science or Humanities **Credits: 3**
- Any POLI course at 3000+ level **Credits: 3**
- Electives **Credits: 6**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Other Social Science or Humanities **Credits: 3**
- POLI Elective course at 3000+ level **Credits: 6**
- Electives **Credits: 3**
- POLI 4990 - Special Topics in Poli Science - **Credits: 3**

Total Credit Hours: 16

Second Term

- Electives **Credits: 13**

Total Credit Hours: 13

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Doctor of Philosophy

Justice Studies, PhD.

The interdisciplinary PhD in Justice Studies prepares students to advance justice in their communities and in broader society. Through training in empirical methods, theory, and scholarly synthesis, students develop the capacity to engage in critical dialogue that promotes justice. The program consists of core courses in justice theory and research methods; an individualized plan of study related to one of four concentrations; a comprehensive exam; and a prospectus, dissertation, and defense.

Learning Objectives

By completion of the PhD in Justice Studies, graduates will demonstrate:

- Knowledge of major theoretical frameworks around concepts of justice and injustice;
- Facility with diverse methods of research;

- Expertise in a selected area of justice;
- Capacity for advanced-level research in Justice Studies.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the program must provide a statement of purpose of 1,000 to 1,500 words outlining areas of interest and educational and career goals, as well as three letters of recommendation (academic preferred). The GRE is not required.

Degree Requirements

The PhD in Justice Studies requires a minimum of 57 credit hours of graduate-level coursework in the following areas:

- 12 credit hours of core courses with a grade of B or higher;
- 33 credit hours of elective graduate coursework, of which at least six hours are directly related to a "concentration" (criminal, educational, environmental, or social justice); and
- 12 credit hours of supervised dissertation research, resulting in a complete and defended prospectus and dissertation.

The general regulations and procedures governing programs leading to the Doctor of Philosophy, as explained elsewhere in the catalogue, will be followed.

Program of Study

The four core courses are taken sequentially and cover justice theories and research methods, respectively. Concentration coursework and other electives are selected from relevant existing courses offered throughout the university, subject to course availability, following an approved plan of study.

After completion of core and concentration requirements, the student is eligible to write and orally defend a comprehensive exam comprised of essay questions in the areas of justice theory, justice methods, and the concentration. A student who does not pass in all three areas may retake the exam one time in the area(s) needed.

Students who pass the comprehensive exam, advancing to candidacy, enroll in a three-credit course guiding creation of the prospectus, which serves as the proposal and first three chapters of the standard dissertation. Candidates then write and defend their prospectus, followed by the full dissertation, to a three-member committee.

Graduate Certificate

Disaster Management and Community Resilience Graduate Certificate

Course Requirements

- PADM 6130 - U.S. Disaster Policy - **Credits: 3** (core required)

Three Additional Courses From:

- URBN 5150 - Planning for Hazards - **Credits: 3**
- SOC 5875 - Soc of Disaster - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- MURP 6030 - Social Policy Planning - **Credits: 3**
- MURP 5140 - Environmental Planning - **Credits: 3**
- MURP 5145 - Coastal Zone Planning & Admin - **Credits: 3**
- URBN 5140 - Citizen Participation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**

Other courses as approved by the Chair of the Department of Planning and Urban Studies.

Changes

Students should check with the Department of Planning and Urban Studies about any revisions approved for the program, but which may not be reflected in

this catalog.

Master of Public Administration

Public Administration, M.P.A.

Program Overview:

The Master of Public Administration program is a professional degree for leaders and analysts in public and nonprofit organizations.

Student Learning Outcomes

- The program will ensure that all MPA graduates will have acquired the basic skills and knowledge required to function as leaders in the public and/or not-for-profit sectors.
- Students will demonstrate competence in conducting research in the discipline and communicating the result effectively.
- Student demonstrates they can: Formulate a mission statement for an organization Analyze the structure of an organization using appropriate theories and concepts Understand how important contextual factors (internal and external) influence management within the organization.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants must provide 3 letters of recommendation from individuals with knowledge of their professional or academic background, a resume, and a personal statement.

Degree Requirements

Prerequisites

- Economics - Micro or Macro (3 hrs)
- Political Science or American Government (3 hrs)
- Unmet prerequisites should be made up early in the program.

Overview

- 42 total hours needed to complete the degree (excluding deficiencies or prerequisites)
- 27 hours of required courses
- 9 hours of electives
- 6 hours of thesis research and a thesis, or 6 hours of capstone courses and a final project. All masters students must include at least 15 hours of courses numbered 6000 or above in their programs of study.

Required Courses

- PADM 6001 - Rsch Methods - Public Adm - **Credits: 3**
- PADM 6010 - Profession of Public Admin - **Credits: 3**
- PADM 6020 - Bureaucracy and Democracy - **Credits: 3**
- PADM 6110 - Public Budgeting - **Credits: 3**
- PADM 6160 - Law and Ethics of Pub Admin - **Credits: 3**
- PADM 6401 - Administrative Behavior - **Credits: 3**
- PADM 6180 - HR Admin in the Pub Sector - **Credits: 3**
- PADM 6410 - Tech in Public Organizations - **Credits: 3**
- PADM 6201 - Policy Analysis and Prog Eval - **Credits: 3**

Thesis/Final Project Option

Students must choose either the thesis or the final project option

Thesis Option

- PADM 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** plus the thesis
Thesis students may take Capstone I in lieu of three hours of thesis research.

Final Project Option

This is an applied project completed in conjunction with a public service job or internship while enrolled in

- PADM 6901 - MPA Capstone I - **Credits: 3**
- PADM 6902 - MPA Capstone II - **Credits: 3**

Nonprofit Leadership Concentration

The MPA program offers a concentration in nonprofit leadership (NPL). The concentration consists of 15 hours: NPL students must complete the following courses which are currently offered under the Special Topics course

- PADM 4800 - Spec Studies-Urban Problems - **Credits: 3**
- PADM 5222 - Legal Ethical / Issues - **Credits: 3**
- PADM 5223 - Fin Adm & Dev Nonprft - **Credits: 3**
- PADM 5220 - Nonprofit Sector - **Credits: 3**
- PADM 5221 - Collaboration - **Credits: 3**
- PADM 5224 - Nonprofit Leadership - **Credits: 3**

Options

NPL students must also choose the thesis or non-thesis (final project) option. Thesis students may take

- PADM 6901 - MPA Capstone I - **Credits: 3**
- PADM 7000 - Thesis Research - **Credits: 1 - 9 (Variable)**

Minor

Political Science Minor

Minor Requirements

Students must complete 18 credit hours in Political Science, including POLI 2151 and POLI 2600 or POLI 2700. The remaining twelve hours are to be chosen from Political Science courses at the 3000 level or above. A 2.0 average must be achieved in these courses in order to earn the Minor.

Political Science, Pre-Law Concentration, Minor

Minor Requirements

Students must complete 18 credit hours in political science, including POLI 2151, and POLI 2600 or POLI 2700. The remaining 12 hours are to be chosen from POLI 2450, POLI 4410, POLI 4420, POLI 4440, POLI 4640, and POLI 4860. A 2.0 average must be achieved in these courses in order to earn the Minor.

Department of Planning and Urban Studies

Curriculum

The Bachelor of Science in Urban Studies and Planning degree (BSUSP) was approved by the Louisiana Board of Regents in the Summer of 2001. The primary objective of the program is to prepare undergraduate students for entry-level positions that assist professionals in urban planning and related fields in public and private organizations that require knowledge of cities, urban development, urban planning, urban policy, and related fields. The secondary objective is to prepare undergraduate students for professional or scholarly graduate degree programs in urban studies, urban and regional planning, transportation and related disciplines.

The BSUSP program is interdisciplinary in nature drawing on the strengths of several subject areas to provide students with a holistic approach to the study of cities, urbanization and urban life. Students can select an area of concentration in geography, urban planning, or transportation to complement their degree so

as to provide in depth understanding of a specific urban topic. Students can also earn credentials in historic preservation and hazards planning.

Accelerated Masters

Urban Studies and Planning, Accelerated Masters (BS & MURP)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Urban Studies and Planning and the Master of Urban and Regional Planning degree.

- Undergraduates may apply for the program during their third year of study.
- Undergraduates must have a cumulative undergraduate GPA of at least 3.2 to be conditionally admitted into a master's degree program.
- AM students may apply a maximum of 12 graduate hours to the baccalaureate degree. These courses may be applied to the baccalaureate degree:
 - MURP 6020 Analytic Methods for Planners
 - MURP 6030 Social Policy Planning
 - MURP 6620 Planning History, Theory & Practice
 - MURP 6710 Urbanism and Urban Design
- Students can apply for and be admitted fully to the graduate program once they receive their baccalaureate degree and satisfy graduate program requirements for admission.

Bachelor of Science

Urban Studies and Planning, B.S.

Student Learning Outcomes

- Students will be able to demonstrate their understanding of the environmental, economic and social processes that have shaped urbanization in and beyond the United States.
- Students will be able to demonstrate their ability to use both primary and secondary sources to explain urban and regional phenomena.
- Students will develop professional oral and written communication skills required to work in municipal and state public sector agencies, private sector development and planning firms, and nonprofit organizations (NOTE: If nonprofits, then we should highlight PADM nonprofit courses)

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3** or higher
- MATH 1116 **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1126 - Precalculus Trigonometry - **Credits: 3** or higher

Science

- BIOS **Credits: 3**⁴
- BIOS or Physical Science **Credits: 6**⁴

Humanities

- Literature **Credits: 6**
- HIST/PHIL Elective **Credits: 3**

Social Sciences

- Social Science Elective **Credits: 6**³

Arts

- Arts Elective **Credits: 3**⁵

Total Credit Hours: 39

Other Requirements

- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- URBN 4670 - Grantwriting for Planners - **Credits: 3**⁸
- Statistics **Credits: 3**²
- Humanities/Social Science Elective **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
OR
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- Social Sciences **Credits: 12**⁶
- General Electives **Credits: 15-18**⁸
- URBN/MURP Courses **Credits: 6**

Total Credit Hours: 45-48

Course Requirements for Major

- URBN 1000 - Introduction to Cities - **Credits: 3**
- URBN 2000 - The New Orleans Region - **Credits: 3**
- URBN 3002 - Introduction to Urban Studies - **Credits: 3**
- MURP 4200 - American City Planning - **Credits: 3**
- URBN, MURP, GEOG and related courses from support areas **Credits: 9-24**^{7,8,9}

Total Credit Hours: 21-36

Course Requirements for Geography Concentration

- GEOG Courses **Credits: 12**

Total Credit Hours: 12

Course Requirements for Urban Planning Concentration

- MURP Courses **Credits: 12**

Total Credit Hours: 12

Course Requirements for Transportation Concentration

- URBN 2100 - Globalization and Mobility - **Credits: 3**
- MURP Courses **Credits: 6**¹⁰
- URBN 3150 - The Suburbs and Car Culture - **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- "C" or better required
- SOC 2707 (recommended), POLI 2900; MATH 2314; MATH 2785 is only for COB students
- 6 hours from the fields, select from: **ANTH, ECON, GEOG, POLI, PSYC, SOC**, or **URBN**. Check General Education. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hour must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- FTA (theatre/dance/film related course, FA or MUS). Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Twelve hours of Social Science electives, and at least 6 hours at 2000 level or above.
- Choose 8 courses from any 3000 level or 4000 level from URBN, MURP, PADM, and GEOG.
- Students who take URBN 4670 in lieu of ENGL 2152 have an additional 3 credit hour elective.
- Students may select a 12-credit hour concentration, but a formal concentration is not required for degree purposes.
- Check with your advisor about which courses will fulfill this requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- BIOS **Credits: 3**
- Math #1 **Credits: 3**
- URBN 1000 - Introduction to Cities - **Credits: 3**
- Physical Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Arts **Credits: 3**
- Math # 2 **Credits: 3**
- BIOS or Physical Science **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
OR
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- URBN 2100 - Globalization and Mobility - **Credits: 3**
- Literature #1 **Credits: 3**
- HIST/PHIL elective **Credits: 3**
- Statistics **Credits: 3**
- Humanities Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- URBN 2000 - The New Orleans Region - **Credits: 3**
- Literature #2 **Credits: 3**

- ENGL 2152 - Technical Writing - **Credits: 3**
OR
- URBN 4670 - Grantwriting for Planners - **Credits: 3**
- Social Science #1 **Credits: 3**
- Social Science #2 **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- MURP 4200 - American City Planning - **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- Social Science #3 **Credits: 3**
- Social Science #4 **Credits: 3**

Total Credit Hours: 15

Second Term

- URBN 3002 - Introduction to Urban Studies - **Credits: 3**
- URBN, MURP or GEOG **Credits: 3**
- Social Science #5 **Credits: 3**
- Social Science #6 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- URBN, MURP or GEOG **Credits: 9**
- Elective **Credits: 6**

Total Credit Hours: 15

Second Term

- URBN or MURP or GEOG **Credits: 9**
- Elective **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Doctor of Philosophy

Urban Studies, Ph.D.

Student Learning Outcomes

- Graduates will demonstrate an ability to synthesize urban studies scholarship, apply existing knowledge to diverse urban and regional questions, and create original interpretations of urban and regional debates.
- Graduates will demonstrate their ability to use urban studies scholarship for original policy analysis and to design applied research.
- Students will demonstrate sufficient advanced knowledge in a subfield along with relevant methods to make an original contribution to the body of urban studies knowledge.
- Students will demonstrate an ability to evaluate both qualitative and quantitative urban and regional scholarship

Admission

The program of study leading to the Doctor of Philosophy in Urban Studies program enables students of exceptional ability to undertake advanced study and original research in the fields of urban affairs, urban history, and urban and regional planning. The primary goal of the program is to prepare people for careers in scholarly activity, applied research, and high caliber policy analysis. Although many graduates will undertake applied research and policy analysis outside of academic settings, the program provides a sound foundation for teaching and research in emphasizes command of the literature in a particular area of scholarship and mastery of the research skills necessary to make original contributions to that literature.

Students admitted to the Ph.D. in Urban Studies program will typically have a master's degree in urban studies, urban planning, public administration, anthropology, architecture, history, or a related discipline. In some cases students admitted to the program may be required to undertake additional preparation appropriate to their major fields of study or areas of specialization.

Admission requirements for the Ph.D. in Urban Studies program include a minimum graduate grade point average of 3.0, an undergraduate grade point average of 3.0 or higher, a score of 150 or higher on the quantitative reasoning portion of the GRE, a score of 150 or higher on the verbal reasoning portion of the GRE, and a score of 5.0 or higher on the analytical writing portion of the GRE. The admissions committee may relax some admission requirements if applicants' records show substantial professional or scholarly achievement.

Degree Requirements

Students must earn a minimum of 60 semester credit hours beyond the bachelor's degree with a grade point average of 3.0 or higher, including a minimum of nine credit hours for dissertation research. All courses must be approved by the Department of Planning and Urban Studies and the Graduate School. Students are required to earn a B or higher in all required courses. For their other courses, students will be allowed two course grades of C or lower. Students who receive a third C while in the Ph.D. in Urban Studies program must withdraw from the program for at least one semester.

Students may count up to a maximum of 30 graduate credit hours earned after the baccalaureate degree program toward Ph.D. in Urban Studies program requirements. All previous coursework counted toward the Ph.D. in Urban Studies program requirements must be approved by the Ph.D. graduate coordinator and the Graduate School and, if approved, will be covered on a written comprehensive examination that all urban studies doctoral students must pass before advancing to candidacy.

Fields of specialization include

- Urban Affairs,
- Urban History, and
- Urban and Regional Planning
- Transportation

Overview

60 credit hours beyond the baccalaureate degree:

- Core Curriculum (nine credit hours)
- DURB 6850
- DURB 6830
- One additional 6000-level seminar course depending on field of specialization
- Research Design and Methods (3-15 credit hours, depending on prior preparation; DURB 7030 is required for all students)
- DURB 7050 - Dissertation Research (nine credit hours)

Major and Minor Fields of Study/Area of Specialization (up to 27 credit hours)

Course substitutions are permissible with approval from the program coordinator.

Students choose from four major fields of study: urban affairs, urban history, urban planning, and transportation. They select a group of courses that provide a foundation in the theory and methods of their chosen field and a set of additional courses that constitutes an area of specialization. Typically, foundation courses are completed as part of a previous master's degree program. Students who do not have a master's degree in their major field or in a related field

should expect to take courses sufficient to demonstrate knowledge of the basic theory, concepts, and methods of their major fields of study.

Students select a group of courses that form an area of specialization within their major fields of study. As a rough rule of thumb, students should expect to complete at least 15 credit hours of coursework in their areas of specialization. The courses may be offered in the Department of Planning and Urban Studies or other departments at the University of New Orleans.

Students define their areas of specialization in consultation with a faculty advisor and the Ph.D. graduate coordinator. The courses must be mutually reinforcing and coherent; assure expertise in some body of knowledge, methods, or problem area; and provide students with adequate skills and knowledge to undertake dissertation research, teach, and carry out original research in their areas of specialization. Students are expected to develop knowledge of the body of relevant theory in their areas of specialization, usually by taking courses in the social sciences, history, or planning; demonstrate an ability to apply theory and methods to specific problems; and develop a general proficiency in research design and methods. Areas of specialization available to urban studies doctoral students include, but are not limited to, urban development, urban anthropology, social policy, social and cultural change, public culture, public history, cultural resource management, and historic preservation.

Students may, at their own option, define a minor field of study. Within the minor field, students must complete at least nine credit hours in a set of courses approved in advance by the faculty advisor and the Ph.D. graduate coordinator. (Students may have completed some of the coursework as part of a master's degree program.) Courses students complete in the minor field may constitute an independent body of knowledge, or they may support the area of specialization developed in the major field.

Students should check with the department about any revisions approved for the program, but which may not be reflected in this catalog, or visit the department website at www.uno.edu/cola/planning-and-urban-studies.

Graduate Certificate

Disaster Management & Community Resilience Graduate Certificate

Course Requirements

- PADM 6130 - U.S. Disaster Policy - **Credits: 3** (core required)

Three additional courses from:

- URBN 5150 - Planning for Hazards - **Credits: 3**
- SOC 5875 - Soc of Disaster - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- MURP 6030 - Social Policy Planning - **Credits: 3**
- MURP 5140 - Environmental Planning - **Credits: 3**
- MURP 5145 - Coastal Zone Planning & Admin - **Credits: 3**
- URBN 5140 - Citizen Participation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**

Other courses as approved by the Chair of the Department of Planning & Urban Studies.

Geographic Information Systems Graduate Certificate

Course Requirements

12 Credit Hours (Four Courses) from the Following:

- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- GEOG 5810 - Introduction to Remote Sensing - **Credits: 3**
- GEOG 5820 - Rem Sens II: Image Processing - **Credits: 3**
- GEOG 5830 - GIS Theories and Concepts - **Credits: 3**
- GEOG 5832 - Adv Techniques GIS - **Credits: 3**
- MURP 5081 - Information Tech for Plan Prof - **Credits: 3**
- MURP 5800 - Spec Studies-Urban Problems - **Credits: 3**

OR

- URBN 5800 - Spec Studies-Urban Problems - **Credits: 3** may be taken with permission from the Department of Planning and Urban Studies

Other courses as approved by the Chair of the Department of Planning and Urban Studies.

Historic & Cultural Preservation Graduate Certificate

Required Courses

- MURP 5010 - Policies and Politics of Historic Preservation - **Credits: 3**
- URBN 5100 - Gentrification Hist Dist - **Credits: 3**
- ANTH 5721 - Cultural Resources Management: Theory & Practice - **Credits: 3**

Elective Courses (Only 2 Courses Required; Pathways Optional)

Career Pathway #1: Preservation Policy & Law

- MURP 5071 - Historic Preservation Law - **Credits: 3**
- MURP 6071 - Zoning-Land Use Regulation - **Credits: 3**
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**
- MURP 6450 - Local Economic Development - **Credits: 3**
- MURP 6900 - Independent Study - **Credits: 3** (with approval of the Jean Brainard Boebel Endowed Chair in Historic and Cultural Preservation)

Career Pathway #2: Preservation Planning

- MURP 6620 - History & Theory Planning - **Credits: 3**
- URBN 5002 - The Shape of the City - **Credits: 3**
- MURP 5005 - Intro Neighborhood Planning - **Credits: 3**
- MURP 5050 - Urb Land Use Plan & Plan Makng - **Credits: 3**
- MURP 5081 - Information Tech for Plan Prof - **Credits: 3**
- MURP 6800 - Planning Internship - **Credits: 3** (with approval of the Jean Brainard Boebel Endowed Chair in Historic and Cultural Preservation)

Career Pathway #3: Cultural Resource Management

- ANTH 5070 - Qualitative Research - **Credits: 3**
- ANTH 5991 - Adv Field Res in Anthropology - **Credits: 1 - 6 (Variable)**
- ANTH 6201 - Analysis Tech Writing CRM - **Credits: 3**
- GEOG 5805 - Fundamentals of Mapping & GIS - **Credits: 3**
- ANTH 5790 - Internship in Anthropology - **Credits: 3** (WITH approval of the Richard Wallin Boebel Endowed Professor in Anthropology)

Career Pathway #4: Heritage Placemaking

- HIST 6603 - Research in New Orleans Hist - **Credits: 3**
- HIST 6008 - Intro Public History - **Credits: 3**
- HIST 6992 - History Internship - **Credits: 3** (with approval of a Co-Director of the Midlo Center for New Orleans Studies)

Master of Science

Transportation, M.S.

The Master of Science in Transportation (MST) program prepares students with the knowledge base and skill sets needed for successful professional practice in the transportation industry, which includes careers in the public, private and non-governmental sectors. Transportation professionals work for companies and agencies across a variety of modes serving the needs of moving passengers and freight. The applied nature of the course work ensures students are prepared to make professional contributions upon completion of the program. The program provides graduate students with the opportunity to engage with professionals through course assignments, capstone projects, and internships.

Student Learning Outcomes

- Students will be able to articulate in-depth knowledge about the history and function of freight and passenger transportation and current issues in local, state and national policy.
- Students will be able to apply quantitative data and methods to transportation issues.
- Students will demonstrate professional communication and analytical skills.

Overview

The MST will require a minimum of 33 semester credit hours of graduate course work in core courses (18 credit hours), a concentration (9 credit hours), and capstone/thesis projects (6 credit hours).

The following core courses (18 credits) would be required for all students:

- TRNS 6010 - Transportation Seminar - **Credits: 3**
- TRNS 6020 - Intermodal Freight Transport - **Credits: 3**
- TRNS 6061 - Intro Transportation Plan - **Credits: 3**
- TRNS 6100 - Environment and Energy - **Credits: 3**
- TRNS 6200 - Transport Policy & Admin - **Credits: 3**
- TRNS 6062 - Applied Techniques for Transportation Professionals

Concentration Information

Students must complete a 9-credit concentration in Transportation Planning, Transportation Administration or a self-directed concentration. The two primary concentrations will utilize instructional offerings in the accredited Master of Urban Planning (MURP) degree program and the accredited Master of Public Administration. Students may transfer up to 12-credits from outside UNO, which could apply to the concentration courses. Please see the university rules governing potential transfer credit.

Transportation Planning Concentration

Courses eligible for this concentration are

- MURP 5063 - Land Use Trans Plan - **Credits: 3**
 - MURP 6620 - History & Theory Planning - **Credits: 3**
 - MURP 6020 - Analytic Methods for Planners - **Credits: 3**
 - MURP 5160
 - MURP 6450 - Local Economic Development - **Credits: 3**
 - MURP 5050 - Urb Land Use Plan & Plan Makng - **Credits: 3**
- Other courses or a thesis option may be permitted with approval of the program coordinator

Transportation Administration Concentration

Courses eligible for this concentration are

- PADM 6020 - Bureaucracy and Democracy - **Credits: 3**
 - PADM 6110 - Public Budgeting - **Credits: 3**
 - PADM 6160 - Law and Ethics of Pub Admin - **Credits: 3**
 - PADM 6201 - Policy Analysis and Prog Eval - **Credits: 3**
 - PADM 6401 - Administrative Behavior - **Credits: 3**
- Other courses or a thesis option may be permitted with approval of the program coordinator

Self-Directed Concentration

Three courses (nine credits) approved by program coordinator and faculty advisor

Students must complete a six-credit capstone sequence over the course of a year or the thesis option, with six credit hours of thesis research.

Capstone:

- TRNS 6901 - Transportation Capstone I - **Credits: 3**
- TRNS 6902 - Transportation Capstone II - **Credits: 3**

Urban Studies, M.S.

The highly interdisciplinary M.S.U.S. program offers training in a broad range of urban phenomena for persons who desire to enter such fields as cultural resource management, historic preservation, law, journalism, education, law enforcement, business, and other urban-related professions, or to further their study of cities and regions at the doctoral level. The M.U.R.P. program is fully accredited by the American Planning Association (APA) and consists of professional training in planning cities and regions with special emphasis on the social, economic, environmental, political and physical aspects of metropolitan areas. The objective of the program is to prepare students for planning careers in city, regional, state and federal agencies; private consulting firms; public service organizations; and other public or private institutions. The program of study leading to the Doctor of Philosophy in Urban Studies enables students of exceptional ability to undertake advanced study and original research in the fields of urban affairs, urban history and urban and regional planning. The doctoral program's mission is to prepare students for careers in scholarly activity, applied research, and advanced policy analysis.

Admission for MSUS AND MURP Programs

The Department of Planning and Urban Studies faculty has instituted admission requirements for entrance into the MSUS and MURP programs in addition to those of the Graduate School, which include above average academic competence as evidenced in undergraduate work and Graduate Record Examination (GRE) scores. The Department of Planning and Urban Studies faculty will also take relevant experience into account, although it is not a specific requirement for application.

- Students will develop knowledge about contemporary urbanization trends and major urban studies topics.
- Students will develop in-depth knowledge in a defined area of specialization.
- Students will master the ability to read and understand both primary and secondary sources in urban studies.
- Students will become knowledgeable about both qualitative and quantitative research methods and analytical techniques.
- Students will gain and display competency in creating and communicating professional standards in their work.

Degree Requirements

The flexibility of the M.S.U.S. program has allowed students to pursue career fields that are emerging and may not be covered in more structured and traditional masters programs. There are strong subfields in Applied Urban Anthropology and Cultural Resource Management offered in conjunction with the UNO Department of Anthropology and Sociology, as well as Urban Planning and Historic Preservation subfields.

Overview

Thesis track

- 33-34 total credit hours
- 15 hours of core curriculum coursework
- 15-16 hours of specialization coursework
- 3 hours of thesis research
- Thesis

Non thesis track

- 36-37 total credit hours
- 15 hours of core curriculum coursework
- 21-22 hours of specialization coursework
- Comprehensive exam

Prerequisite Courses

An undergraduate economics course and an undergraduate statistics courses are the prerequisites for the M.S.U.S. program.

Core Courses

Urban Core:

Each student must take two of the following:

- URBN 6000 - Seminal Research - **Credits: 3** (may be repeated for credit)
- URBN 6165 - Urban Public Policy Analysis - **Credits: 3**
- URBN 6510 - Urb-Rural Issues Dev Countries - **Credits: 3**
One urban studies seminar at the 6000 level or above offered by the Department of Planning and Urban Studies, the Department of Anthropology and Sociology, or the Department of History and Philosophy. Students may substitute courses from other departments with permission of the course instructor and the M.S.U.S. graduate coordinator.

Methods:

- URBN 6005 - Statistics for Urban Analysis - **Credits: 3**
- ANTH 5070 - Qualitative Research - **Credits: 3**

Substantive Areas

Students must choose five to seven courses from one of the following substantive areas. Students in the geography track must take an additional 1 credit hour course. Required courses for each substantive area are available from the MSUS coordinator.

- Applied Urban Anthropology
- Urban Planning

- Cultural Resource Management
- Historic Preservation

With the graduate coordinator's written consent, a student may submit another substantive area which is subject to approval by the Urban Studies faculty.

Master of Science in Urban Studies: Applied Urban Anthropology Concentration

The Master of Science in Urban Studies Applied Urban Anthropology Degree will provide students with training in qualitative research methods and valuable fieldwork experiences. Fieldwork may include cultural preservation management projects, historic archaeology, policy evaluation, folklore research projects and internships in local government and non-profit organizations. Graduates with the Master of Science in Urban Studies - urban anthropology degree will be well prepared to work professionally as well as continue in doctoral study.

Students in this concentration are eligible to earn UNO's Historic and Cultural Preservation Certificate.

Master of Science in Urban Studies: Geography Concentration

The Master of Science in Urban Studies Geography Degree will provide students with an advanced understanding the geographer's craft, including an ability to pose and analyze geographical problems using geographical tools and techniques, and to defend conclusions based on geographical research. Students in this concentration are eligible to earn UNO's Geographic Information Systems Certificate.

Master of Science in Urban Studies: Urban Criminology Concentration

The Master of Science in Urban Studies Urban Criminology Concentration is designed to provide students with training in the theories and research methods pertinent to the fields of crime, criminal justice, and law enforcement with specific resources to U.S. cities and metropolitan areas. Graduates of the Master of Science in Urban Studies degree program who successfully complete the urban criminology concentration will be prepared to further their professional careers in criminology-related areas or undertake additional study at the doctoral level. Students should check with the department about any revisions approved for the program, but which may not be reflected in this catalog, or visit the department website at www.uno.edu/cola/planning-and-urban-studies

Master of Urban & Regional Planning

Urban & Regional Planning, M.U.R.P.

The Master in Urban and Regional Planning program prepares graduates for a wide range of careers in the field of planning. Planners can choose to work for governmental agencies, private consulting firms or nonprofit organizations. Their chosen career can target such issues as creating safe, attractive and healthy neighborhoods; providing affordable housing; and building accessible, efficient and environmentally friendly transportation systems. Students have the opportunity to pursue internships for academic credit with selected agencies and private firms while they are in school. This "real world" experience helps students to become more competitive in the job market upon graduation.

All M.U.R.P. students will be required to show proof of having completed at least an acceptable introductory-level statistics course and an introductory-level economics course before entering the program, or will be required to complete such a course during their first semester of attendance.

- Students will demonstrate a knowledge of the history, theory, legal framework and professional practice of urban and regional planning.
- Students will demonstrate research and analytical skills relevant to planning practice.
- Students will demonstrate the professional skills required in the practice of planning including skills in the area of written, graphic and communication, plan creation and implementation, planning process methods, and leadership.

Overview

- 45 - total hours needed to complete the degree (excluding deficiencies or prerequisites)
- 18 credit hours of required courses
- credit hours of courses in an area of specialization
- Either MURP 6720 Practicum in Urban and Regional Planning or MURP 7000 Thesis Research (3 credit hours)
- 15 credit hours of approved electives

Students should check with the department about any revisions approved for the program which may not be reflected in this catalog.

Program Specializations

Students have a choice of five areas of specialization within the program. Each specialization requires 9 credit hours of coursework. The five areas of specialization are Environmental/Hazards Planning, Historic Preservation, Housing and Community Economic Development, Land Use/Urban Design, and Transportation Planning. Students may complete coursework in 2 areas of specialization. Course substitutions are permissible with department approval.

Joint JD/ MURP Program

This program, unique in Louisiana, offers a combined planning degree and legal education through Loyola School of Law for those persons seeking a career in land use law and development. Applicants must apply separately and be admitted to the MURP program at UNO and to the Loyola School of Law. Normal degree requirements of each program are reduced by a common core of nine credit hours of approved elective courses that count toward both programs. The requirements for both degrees must be completed before either degree is awarded.

Financial Aid

Assistantships for nine months are available for a limited number of qualified applicants. The student will devote approximately half-time (20 hours per week) to research work. In addition, a number of assistantships are located off-campus in planning and planning related agencies.

College of Sciences

College of Sciences

Steven Johnson, Dean

The College of Sciences offers degree curricula in biological sciences, chemistry, computer science, earth and environmental sciences, mathematics, physics, and psychology. From course offerings of the various departments, the College of Sciences also prepares students for professional study in medicine, dentistry, medical technology, pharmacy, veterinary medicine, nursing, dental hygiene, occupational therapy, physician's assistant, physical therapy and respiratory therapy. In several of these, a bachelor's degree is granted upon successful completion of a prescribed two- or three-year program at UNO plus specific professional study.

Advising for freshmen is done by First Year Advising in the Privateer Enrollment Center. Students who have achieved sophomore status and above are advised by Academic Advisors in the College of Sciences. Additionally, departmental faculty within the College of Sciences are available to advise a prospective student or an enrolled student at any time.

Major Programs

Formal curricula are presented below to guide the student in preparing to enter, or in pursuing, a program in the College of Sciences.

- Biological Sciences
- Chemistry
- Computer Science
- Earth and Environmental Sciences
- Mathematics
- Physics
- Psychology

Pre-Professional Programs

- Pre-Professional Programs

College of Sciences Degree Requirements

The College of Sciences has established the following degree requirements which must be completed by all students working toward a baccalaureate degree. Most curricula demand more than the minimum completions designated here and may call for specific courses where the general requirements allow a choice. Each student is held responsible for knowing degree requirements, for enrolling in courses that fit into his or her degree program, and for taking courses in the proper sequence to ensure orderly progression in the program.

Subject Requirements

- Sciences

At least 48 hours in the College of Sciences, to include:

- At least six hours of mathematics. See major for specific course requirements.
- An eight semester-hour sequence including laboratory outside the student's major in one of the following: biological sciences, chemistry, earth and environmental sciences, or physics. The following biological sciences are acceptable: 1073, 1071, 1083, 1081; or 1073, 1071, 2014; or 1083, 1081, 2114. Course descriptions should be consulted for the prerequisites for Biological Sciences 2014 and 2114.
- An additional eight semester hours in science courses other than the student's major. No science credit is given for certain College of Sciences courses designated by the College of Sciences Faculty Council. A list of such courses is available in the College of Sciences office.
- Humanities and Social Sciences At least 24 hours in the humanities, arts, and social sciences, to include completion of:
 - English 1157, and either 1158 or 1159 with a grade of "C" or better.
 - At least 9 hours in humanities of which at least 3 hours must be in literature.
 - At least 6 hours in the social sciences.
 - At least 3 hours in arts.

Humanities and social sciences courses must be chosen from the areas of concentration as listed in this Catalog under University Regulations with the exclusion of education courses classified as health-safety or physical education. A maximum of three hours in skill courses in music and art (e.g., piano, voice, drawing) will be accepted as humanities electives. Successful completion of the College of Sciences degree requirements satisfies the University's general education requirements.

Requirements for the Baccalaureate Degree

The degree of Bachelor of Science may be granted upon satisfactorily meeting the following requirements:

- Completion of the general degree requirements of UNO.
- Completion of the degree requirements of the College of Sciences.
- Completion of a Program of Study established by the department concerned. This program must appear in the student's Catalog as defined by University Regulations; and,
- Approval of all electives by the College of Sciences.

Transfer Students

A transfer student is expected to meet all admission and degree requirements listed above. He or she should consult with a College of Sciences counselor and the undergraduate coordinator of the major department as soon as possible in order to make maximum use of the transfer credit. General science courses are not acceptable as transfer credit. A student may request a reevaluation of a course for which credit is denied if the subject matter covered seems to warrant this action.

Acceptance of credit by the University does not mean that this credit may always be applied by the student in the chosen curriculum. The College may decline to accept transfer credits in any course in which a grade lower than C has been received.

A transfer student must meet the quality point averages (Cumulative and departmental) listed in the general degree requirements of the University on work attempted at UNO. In addition, a student transferring from another university is required to earn a minimum of 50% of the hours in his/her major in the College of Sciences at UNO.

Program Planning

Students should follow the curriculum established by the department as closely as possible. The curricula for the different departments in the College are presented on the following pages. Each student is responsible for the attainment of personal, career, and intellectual objectives. Planning is required if maximum benefit is to be received from the college years; students must examine their own goals and consult an advisor early in order to take full advantage of free electives, science electives, and courses offered to fulfill general degree requirements. For alternative paths to remain available, it is frequently necessary that certain electives be taken during the sophomore year.

A normal semester course load is 15 to 16 credit hours. No student may register for more than 19 hours without consent of the Dean and no student on probation may register for more than 13 hours. Students in the College should use discretion in registering for more than 17 hours as this would be above the normal load. New freshmen are advised not to register for more than 16 hours unless they have received advanced math placement. Students employed off campus for more than 15 hours a week should consider their academic potential before attempting normal academic loads.

Electives

Free electives and science electives should be chosen with great care so that they complement the Major program in a positive way. Duplication of subject matter is to be avoided. Credit will not be given for courses that cover subject matter similar to that in a course for which the student has previously earned credit. Specific examples of overlapping subject matter are found among statistics and computer-oriented courses offered by different departments and among some physics, mathematics, and engineering courses. Care should be taken when electing courses from these areas, and an advisor should be consulted.

All free electives, science electives, and courses submitted to fulfill the general degree requirements must be approved by the student's major department and by the College of Sciences. A wide variety of courses is available to meet these requirements. However, the student should be aware that different departments

have different regulations as to what is and what is not acceptable for a degree.

No student in the College of Sciences may use PHYS 1001, PHYS 1002, 1003, 1004 or any mathematics course below the 2000 level as an elective, unless otherwise stated in a particular curriculum. Courses in certain areas such as academic orientation, chorus, band, health and physical education, military science, engineering drawing, nursing, religion, home economics, agriculture, paralegal studies, office administration, and books and libraries may be accepted as unrestricted electives up to a total of six hours degree credit. If a student feels more than six hours from any one or a combination of these areas is justifiable within the program, he or she may present the case to the College for review. In presenting their case, the student must demonstrate the courses are relevant to his or her educational goals.

Louisiana Universities Marine Consortium

The Louisiana Universities Marine Consortium (LUMCON) is an organization of public and private universities in the state (including the University of New Orleans). LUMCON was chartered in 1979 to develop coordinated marine research and education within the state university system and provide coastal facilities for these programs.

College courses in the marine sciences emphasize extensive field experience and studies of living organisms in their natural habitat and in the laboratory. For details of marine science courses to be offered at LUMCON facilities, consult the Chairs of the Departments of Biological Sciences and Earth and Environmental Sciences.

Doctor of Philosophy

Engineering and Applied Science, Ph.D.

The Doctor of Philosophy in Engineering and Applied Science is an interdisciplinary, integrative degree involving faculty from the College of Engineering and the College of Sciences. The program is particularly suited to the emerging trends in the scientific and engineering communities.

Student Learning Outcomes

- Students are expected to exhibit a graduate-level understanding of basic theoretical views and computational/experimental methods in engineering and applied sciences, as well as advanced expertise within their chosen specialty.
- Students are expected to demonstrate the ability to conduct an independent research program. This may involve designing and running experiments or conducting computational analyses, analyzing and interpreting data, and presenting the findings in writing in the context of the existing literature in the field.
- Students will be able to appraise, analyze and assess advanced topics in their specific discipline via oral communication.

Admission Requirements

In addition to meeting the minimum standards for admission to the Graduate School, admission to the doctoral program is based on reasonable evidence that the applicant will prove capable of scholarly research on a broad intellectual foundation. All students enrolling in the program must have a Master's degree from an accredited college or university in engineering, physics, mathematics, earth and environmental sciences, computer science, or a closely related field, or be willing to complete coursework required in an existing Master's program in one of the participating departments at UNO while pursuing the Doctor of Philosophy. Admission decisions will be based primarily on grade-point average, Graduate Record Examination scores, and letters of recommendation.

Degree Requirements

81 graduate credit hours are required in total for the Ph. D. program in Engineering & Applied Science, of which 30 hours in dissertation research are required and a minimum of 51 semester credit hours of graduate course work in an approved program beyond the Bachelor's degree. Up to 30 graduate credit hours from a Master's degree program, if the area of the Master's degree is relevant to the concentration, may be applied towards the satisfaction of credit hours for the Ph.D. A doctoral dissertation based on the results of original research under the guidance of a faculty committee and defended in a public examination is required for the completion of the doctoral program. Students may choose a concentration from Civil and Environmental Engineering, Electrical Engineering, Engineering Management, Mechanical Engineering, Naval Architecture and Marine Engineering, Computer Science, Earth and Environmental Sciences, Mathematics, or Physics.

The student's dissertation advisory committee will consist of at least five members, of which no more than three can be from the major department, and one must be from the other college. Program qualification, in the form of a Qualifying Examination, is administered by the department of the major professor(s). It is based on material in a typical departmentalized master's degree program, or equivalent. Courses are chosen with the consent of the dissertation advisory committee. The committee shall consider the interdisciplinary nature of the program when it approves the courses. A minimum of nine credits (three courses) must be taken in each college. A General (comprehensive) Examination will be administered by the dissertation advisory committee. The examination will be based on material in the student's program of study. After passing the General Examination, the Ph.D. student is expected to write a dissertation prospectus and defend it before the dissertation advisory committee. After a successful defense and committee approval of the prospectus, the student may pursue research leading to the dissertation. The dissertation should reflect the interdisciplinary nature of the program. There must be a final public defense of the dissertation administered by the dissertation advisory committee.

Financial Aid

Teaching and research assistantships are available to qualified graduate students on a competitive basis

Concentration Requirements

Students may choose a concentration from:

- Civil and Environmental Engineering
- Electrical Engineering
- Engineering Management
- Mechanical Engineering
- Naval Architecture and Marine Engineering
- Earth and Environmental Sciences
- Mathematics or
- Physics.

Department of Biological Sciences

The Bachelor of Science degree in the Biological Sciences provides a flexible program of coursework in contemporary biology. After two years of required biology core courses, students take 24 hours of biology electives.

Accelerated Masters

Biological Sciences, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Biological Sciences.

Bachelor of Science

Biological Sciences, B.S.

Student Learning Outcomes

- Explain core concepts for biological literacy including: evolution; biological structure-function relationships; information flow; pathways and transformations of energy and matter; interconnectedness and interactions of living systems.
- Communicate biological information in written and oral form.
- Critically evaluate scientific literature and communicate research findings to broad audiences.
- Interpret and accurately communicate data and analyses.
- Use basic scientific techniques and instrumentation to generate biological data.
- Effective application of laboratory and/or field techniques.
- Collaborate effectively as a member of a laboratory/research group.
- Use quantitative reasoning, modeling and statistics to describe living systems.
- Ability to draw biological inferences from raw data.
- Proficiency in data analysis and interpretation.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

OR

- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**^{1,2}
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**^{1,2}

Science

- BIOS 1083 - Biology I - **Credits: 3**¹
- BIOS 1073 - Biology II - **Credits: 3**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**¹

Humanities

- Foreign Language I and II **Credits: 6**³
- Literature **Credits: 3**⁴

Social Sciences

- Social Sciences elective **Credits: 6**⁴

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**¹
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**¹
- CHEM 1018 - General Chemistry II - **Credits: 3**¹
- CHEM 2217 - Organic Chemistry I - **Credits: 3**¹
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**¹

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**¹

- PHYS 1032 - General Physics II - **Credits: 3**
OR
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

- PHYS 1034 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**

- Approved Electives **Credits: 25**⁵

Total Credit Hours: 47

Course Requirements for Major

- BIOS 1071 - Biology II Laboratory - **Credits: 1**¹
- BIOS 1081 - Biology I Laboratory - **Credits: 1**¹
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**¹
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**¹
- BIOS Elective **Credits: 24**^{6,7,8,9,10}
- BIOS 4010 - Senior Comprehensive Exam - **Credits: 0** (exit exam)

Total Credit Hours: 34

Total Credit Hours Required: 120

- "C" or better required
- MATH 2114, MATH 2124 with a C or better may be substituted for MATH 1125, MATH 1126
- Completion of six credit hours in one foreign language is required
- Check General Education Courses to confirm what courses fulfill this requirement.
- Approved electives: MATH 1115 may count as a free elective.
- A maximum of 4 BIOS elective credit hours may be at the 2000 level (BIOS 2002, BIOS 2082, BIOS 2090, BIOS 2092, BIOS 2313, BIOS 2553, BIOS 2663, BIOS 2743, BIOS 2741, BIOS 2904, BIOS 2914).
- A maximum of 7 credit hours may consist of research/apprenticeship (BIOS 2002, BIOS 2082, BIOS 2092, BIOS 3091, BIOS 3092, BIOS 4091) or seminar (BIOS 3091) courses.
- A minimum of 17 credit hours must be lecture or lecture/laboratory courses at the 3000/4000 level (BIOS 3113, BIOS 3284, BIOS 3373, BIOS 3354, BIOS 3453, BIOS 3490, BIOS 3590, BIOS 3651, BIOS 3653, BIOS 3854, BIOS 3953, BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4413, BIOS 4453, BIOS 4490, BIOS 4524, BIOS 4534, BIOS 4543, BIOS 4590, BIOS 4644, BIOS 4713, BIOS 4723, BIOS 4844, BIOS 4933, BIOS 4974).
- A minimum of two courses at the 3000/4000 level must have a laboratory component (BIOS 3354, BIOS 3651 and BIOS 3653, BIOS 3854, BIOS 4524, BIOS 4534, BIOS 4644, BIOS 4844, BIOS 4914, BIOS 4974).
- A minimum of two courses must be at the 4000 level (BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4490, BIOS 4524, BIOS 4534, BIOS 4543, BIOS 4590, BIOS 4644, BIOS 4713, BIOS 4723, BIOS 4844, BIOS 4914, BIOS 4933, BIOS 4974).

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science elective **Credits: 3**
- Elective (BIOS 1001 or BIOS 1002) **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**

Total Credit Hours: 14

Second Year of Enrollment

First Term

- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- Foreign Language I **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Total Credit Hours: 14

Second Term

- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- Foreign Language II **Credits: 3**
- BIOS elective 2000 level **Credits: 4**
- Literature **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- BIOS 3000+ **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3 AND**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3 AND**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- Arts **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- BIOS 3000+ **Credits: 3**
- BIOS 3000+ **Credits: 3**

- PHYS 1032 - General Physics II - **Credits: 3 AND**
- PHYS 1034 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1062 - Physics Sci Engr II - **Credits: 3 AND**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- Social Science Elective **Credits: 3**

Total Credit Hours: 13

Fourth Year of Enrollment

First Term

- BIOS 3000+ **Credits: 4**
- BIOS 3000+ **Credits: 3**
- Elective **Credits: 9**

Total Credit Hours: 16

Second Term

- BIOS 4010 - Senior Comprehensive Exam - **Credits: 0** (exit exam)
- BIOS 3000+ **Credits: 4**
- Elective **Credits: 11**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Doctor of Philosophy

Integrative Biology, Ph.D.

Program Overview:

The Integrative Biology doctoral program is designed to prepare students for careers in biology through a rigorous program of coursework and research. Integrative biology combines approaches from diverse areas, from molecular biology to ecology), to illuminate how organisms function and operate in their environment.

Student Learning Outcomes

- Deliver effective oral and visual summaries of independent research.
- Demonstrate mastery of advanced concepts and experimental approaches in an area of biological research.
- Integrate current scientific knowledge into a research proposal aimed at making an original contribution to an advanced technical field of biology.
- Apply advanced concepts and experimental approaches to a novel problem in biology. Present and evaluate the results of original dissertation research to a general audience.
- Write a dissertation that synthesizes previous research in support of an original research project, and evaluates the results of original research in the context of current knowledge.

Admission:

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be prompted to provide a statement of purpose describing research interest, experience and goals and a current resume/CV. Three letters of recommendation from faculty familiar with the academic and research potential of the applicant are also required.

Degree Requirements

Doctoral students are required to complete a minimum of 60 credit hours beyond the baccalaureate degree. The course requirement is meant to provide students with basic understanding and skills in Integrative Biology, while allowing individuals to tailor the specific coursework to meet their needs. Courses are selected in consultation with the student's advisor and must satisfy the following requirements:

- 3 credit hours of Topics in Integrative Biology (BIOS 6093).
- 9 credit hours of other graduate-level coursework.¹
- 2 credit hours of Scientific Communication (BIOS 6022).
- 4 credit hours of Graduate Seminar (BIOS 6091).²
- 12 credit hours of Dissertation Research (BIOS 7050).³
- The remaining 30 credit hours may include additional seminar (BIOS 6091) or research (BIOS 7000, BIOS 7050).⁴

¹A minimum of 3 credit hours must be at the 6000-level (i.e., 6 credit hours may be at the 5000-level). May not include BIOS 6091, BIOS 7000, BIOS 7050 or more than 3 credit hours of BIOS 6090.

²Students are expected to enroll in BIOS 6091 every regular semester in residence.

³Students are expected to enroll in BIOS 7050 every regular semester in residence after advancing to candidacy.

⁴Other specific courses may be required to address deficiencies in student preparation.

Students must maintain a cumulative GPA of 3.0 (on a 4.0 scale) in all required coursework. Any course in which a student earns a C will be reviewed by the graduate committee to determine whether it will count toward the degree requirements. In no case will more than 6 credit hours of C be applied to the degree requirements. At least half of the total credits earned by doctoral students must be at the 6000 or 7000-level.

Advisory Committee

All students admitted to the doctoral program will be assigned an interim advisor. During the first year in the program, the student will select a research advisor (who may be the same as the interim advisor) and assemble an advisory committee. The advisory committee consists of four associate or full members of the graduate faculty, three of whom must be faculty of the Department of Biological Sciences. Other committee members may be from other departments at UNO or other institutions. The advisory committee provides guidance on coursework and research.

A Plan of Study that includes coursework completed, in progress, and planned, must be approved by the graduate coordinator and submitted to the graduate school by the end of the first year in the program. Continuation in the program is contingent upon evidence of progress in the degree program provided in the form of annual reports submitted to the graduate committee.

General Exam

Students must take a general exam before the end of their second year in the program. The major requirement of the general exam is the preparation of a well-constructed and complete research proposal describing the dissertation project in sufficient detail to judge feasibility, novelty, and relevance of the project. The proposal is presented at a public seminar and defended in a closed meeting with the advisory committee. Students need to demonstrate a high degree of proficiency in their research area, appropriate general knowledge, and readiness to perform dissertation research. Upon passing the general exam, and with the approval of the Department Chair and Dean of the College, the student is admitted to doctoral candidacy.

Failure to meet the deadlines to submit a Plan of Study and pass the General Exam will result in a warning that will be entered into the student's departmental record. The student must satisfy the requirement before the end of the next regular semester. Failure to satisfy either requirement during the first regular semester after the deadline will result in a hold being placed on the student's registration for future semesters and potential dismissal from the program.

Dissertation

The most important requirement of the doctoral degree is a dissertation summarizing original, independent research, which is both significant and novel. Hence, the final years of study are dedicated to conducting research and preparing the dissertation. Advisory committee meetings are convened annually to monitor progress and address problems if they arise. The research is evaluated regularly and adjusted in scope or direction as needed to ensure progress toward the degree. The doctoral program culminates with the preparation, public presentation, and defense of the dissertation in front of the advisory committee. After the defense, the dissertation is revised according to committee recommendations and approved by the Graduate School.

Teaching Requirement

Students are required to have teaching experience prior to the completion of their graduate career at UNO. The experience may be attained prior to enrollment in the program (e.g., by serving as a teaching assistant during undergraduate or M.S. programs) or during the student's tenure in the doctoral program.

Master of Science

Biological Sciences, M.S.

Program Overview:

The Master of Science in Biological Sciences prepares students for employment in a variety of careers (biomedical technician, natural resource manager, biology education) or for further study towards graduate or professional degrees. The program features coursework and research opportunities in areas ranging from cellular and molecular biology to ecology and environmental biology.

Student Learning Outcomes

- Present effective oral and visual summaries of independent research.
- Orally explain the rationale, design, and analysis of a scientific study to a general scientific audience.
- Demonstrate mastery of concepts and experimental approaches in a specific area of biology appropriate to the student's interests.

Admission:

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be asked to provide additional material. For applicants to the non-thesis option, 1 recommendation letter from a professor familiar with the academic potential of the applicant is required along with a statement of purpose outlining professional and academic goals. For applicants to the thesis option, a statement of purpose outlining professional and academic goals, a current resume/CV and three recommendation letters are required.

Degree Requirements

Master of Science students are required to complete a minimum of 30 credit hours beyond the baccalaureate degree. The course requirement provides students with basic understanding and skills in the Biological Sciences, while allowing individuals to tailor the specific coursework to meet their needs. Two options are available: Thesis Option (Student pursuing Evolution/Ecology or Molecular Biology/Biochemistry concentration) or Non-thesis Option (students pursuing Biomedical concentration).

Thesis Option

Courses are selected in consultation with the student's advisor and must satisfy the following requirements:

- 6 credit hours of Thesis Research (BIOS 7000).¹
- 6 credit hours of 6000-level coursework.^{2,3}
- 4 credit hours of Graduate Seminar (BIOS 6091).⁴
- The remaining 14 credit hours must be 5000 or 6000-level.²
- A minimum of 12 of the 24 non-thesis credit hours must be in the Department of Biological Sciences.

¹Students generally enroll in BIOS 7000 every regular semester in residence, but only 6 credit hours may count toward the 30 credit hour degree requirement.

²A maximum of 3 credit hours of BIOS 6090 may count toward the degree.

³May not include BIOS 6091.

⁴Students are expected to enroll in BIOS 6091 every regular semester in residence.

Students must maintain a cumulative GPA of 3.0 (on a 4.0 scale) in all required coursework. Any course in which a student earns a C will be reviewed by the graduate committee to determine whether it will count toward the degree requirements. In no case, will more than 6 credit hours of C be applied to the degree requirements.

Up to 10 hours of graduate-level credit taken previous to admission into the M.S. program may be applied towards the 30 hours required for the M.S. degree, subject to approval by the student's advisory committee, the graduate coordinator, and the Graduate School.

Advisory Committee

Each M.S. student has an advisory committee that directs the course work and research. In the first semester in the Master of Science program, the student selects a faculty member from the Department of Biological Sciences to serve as chair of the advisory committee. By the end of the second semester, the advisory committee is expanded to a minimum of three members. Members of the advisory committee must be members of the graduate faculty and at least half must be from the Department of Biological Sciences.

Students will submit annual reports documenting progress in the program, which will be evaluated by the graduate committee. A Candidate Plan of Study that includes coursework completed, in progress, and remaining, must be approved by the graduate coordinator and submitted to the graduate school no later than the semester prior to the completion of the degree.

Thesis

The Master of Science degree requires a thesis embodying original research in a specialized area. The thesis must be presented in a seminar open to the public, defended in an oral final examination, and approved by the student's advisory committee. After the defense, the thesis is revised according to committee recommendations and approved by the College of Sciences and the Graduate School.

Non-Thesis Option

The Non-Thesis Master of Science Degree Program provides students the option of obtaining an M.S. degree in Biological Sciences with a concentration in Biomedical Sciences. The program requires coursework, an internship in research or the health professions, and a capstone scholarly research paper and oral presentation.

Course Requirements

The 30 credit hour coursework requirement must include a minimum of 15 credit hours of courses numbered 6000 or above and a minimum of 18 credit hours in Biological Sciences. These must include 1 credit hour of Graduate Seminar (BIOS 6091), 2 credit hours of internship (BIOS 6002), 3 credit hours at the Capstone Course (BIOS 6003), and the Biological Sciences core courses (12 credits. see below) The remaining 12 credit hours are selected by the student in consultation with the program director and will be subject to approval by the Department of Biological Sciences.

Curriculum Summary

¹ If a student has earned credit as an undergraduate for one or more of these courses (equivalent to BIOS 4103, BIOS 4113, and BIOS 4153), then the number

of elective hours will increase accordingly because students cannot earn credit for the same class twice. These electives must be at the 5000 level or above.

² Electives may be chosen from any discipline relevant to health sciences. A minimum of 6 credit hours of elective credit must be at the 6000 levels.

Advisor/Committee: Prior to entering the program, and at regular intervals thereafter, students will meet with the program director who will advise students on elective coursework, internships, and progress through the program.

Examination Report: An Examination Report must be presented to the Graduate School as evidence of completion of the Master's degree Capstone Course.

Core:

- BIOS 5103 - Biochemistry I - **Credits: 3**¹
- BIOS 5113 - Biochemistry II - **Credits: 3**¹
- BIOS 5153 - Molecular Biology - **Credits: 3**¹
- BIOS 6113 - Advanced Cell Biology - **Credits: 3**
- BIOS 6091 - Graduate Seminar - **Credits: 1**
- BIOS 6002 - Internship Health Professions - **Credits: 1 - 2 (Variable)**
- BIOS 6003 - M.S. Capstone Project in BIO - **Credits: 3**
- Electives² **Credits: 12**

Minor

Biological Sciences Minor

Minor Requirements

An undergraduate minor in biological sciences may be obtained by completing at least 18 credit hours in biological sciences with a grade of C or better in each course. Departmental and course prerequisites must be observed. Biological Sciences electives may not be chosen from courses designed for non-majors only. At least 9 hours must be at the 3000 level or above, with a maximum of 3 credit hours of BIOS 3092. At least 9 hours must be completed at UNO.

Department of Chemistry

A grade of C or better is required in each science and math course offered at the 1000-level and 2000-level for degree credit for the Bachelor of Science in Chemistry.

Accelerated Masters

Chemistry, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated program allows a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the baccalaureate and master's degrees.

Minimum Requirements

AM students must have a cumulative undergraduate GPA of at least 3.2 to be conditionally admitted into a master's degree program. Students may not enroll in graduate courses until they have 1) completed all requirements for the Core Curriculum; 2) completed a minimum of 90 hours of undergraduate work, including at least 15 hours of upper-level courses in the major; and 3) been conditionally admitted to a master's program.

Conditional admission does not guarantee full admission to the program. Minimum criteria for full admission to the graduate program are:

1. Conferral of the baccalaureate degree;
2. Cumulative undergraduate GPA of 3.00; and
3. Satisfaction of all requirements for admission to the graduate program (entrance test scores, statement of purpose, recommendations, etc.).

Minimum Guidelines

1. An updated undergraduate plan of study, outlining all requirements for baccalaureate degree completion and listing the graduate courses that will be posted to the baccalaureate transcript, must be approved by the student's academic advisor.
2. Before an undergraduate AM student may register for graduate courses, an AM Application Form indicating the courses to be taken for graduate credit must be approved by the College, the Department, and the Graduate School.
3. Graduate Coursework:
 - AM students may apply a maximum of 12 graduate hours to the baccalaureate degree, depending on the graduate program. Graduate coursework in the following areas will not count in the AM program toward the baccalaureate degree: travel study, independent study/project/research, directed study, directed readings, practicum, internships, other fieldbased placement, or thesis;
 - Grades earned in graduate-level courses must meet the minimum GPA required by the Graduate School of 3.00. Graduate courses in which a GPA is less than 3.00 may be counted towards satisfaction of the bachelor's degree but not towards the master's;
 - To remain in an AM degree program, the student must maintain at least a 3.00 overall GPA in graduate coursework.
4. The graduate hours taken to fulfill baccalaureate degree requirements will be fully transferrable to the master's degree and will show on both the graduate and undergraduate transcripts.
5. The baccalaureate degree must be awarded following the completion of the undergraduate degree requirements and at least two semesters before the graduate degree is awarded.
6. If an AM student requests admission to any other master's program (or does not complete the approved master's degree within the prescribed time), the joint hours posted to the graduate transcript will be removed.
7. Students may apply to the AM program at the end of their junior year (completion of 90 credit hours).
8. Admissions requirements to the AM program as an undergraduate include GPA = 3.2 or higher, completion of 15 credit hours in CHEM courses at the 3000/4000 level.
9. Graduate courses that will satisfy both degree requirements are indicated with an asterisk on the 5- Year Plan of Study
10. A student must satisfy all admissions requirements including 3.0 GPA at the end of their 4th Year and apply for full admission to the graduate program (after completion of the BS degree).
11. Students will meet with the Graduate Program Director for advising to map out an appropriate schedule.
12. All AM students will follow the non-thesis option.

Bachelor of Science

Chemistry, B.S.

Student Learning Outcomes

- Students will demonstrate at minimum a basic mastery of the general chemistry core concepts, including the basic chemical concepts of stoichiometry, states of matter, atomic structure, molecular structure and bonding, thermodynamics, equilibria, and kinetics.
- Students will demonstrate at minimum a basic mastery of foundation level chemical concepts in the five traditional subdisciplines of chemistry: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, and physical chemistry.
- Students will demonstrate at minimum a basic mastery of in-depth topics in chemistry that build upon the foundation and incorporate integration of concepts, critical thinking skills, and problem solving skills.
- Students will demonstrate at minimum a basic competency in functioning as a chemist through a semester long research experience or internship in a professional setting. Competency must be demonstrated through written and oral reporting and be evidenced by satisfactory accomplishment of research or professional laboratory tasks. Students must synthesize the knowledge and skills introduced across the curriculum.
- Students will demonstrate at minimum a basic competency in laboratory skills during a minimum of 400 hours of laboratory performance.
- Students will demonstrate at minimum a basic competency in the following ancillary areas: problem solving skills, chemical literature and information management skills, laboratory safety skills, communications skills, team skills, and ethics.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**^{2,3}
- MATH 2124 - Calculus II - **Credits: 4**^{2,3}

Science

- BIOS 1083 - Biology I - **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**⁴
- Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**⁴

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Approved MATH Elective **Credits: 3**⁵
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- CHEM 1000 - Freshman Seminar Chem Majors - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- Computer Programming Elective **Credits: 3**⁶
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**⁷
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**⁸
- General Electives **Credits: 118**

Total Credit Hours: 48

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Course Requirements for Major

- CHEM 2000 - Soph Seminar Chem Majors - **Credits: 1**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3094 - Undergraduate Research - **Credits: 4**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**

- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**¹⁰
- CHEM 4000 - Senior Comprehensive Exam - **Credits: 0**
- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**¹¹
- Advanced Chemistry Elective **Credits: 3**¹¹
- Advanced Chemistry Elective **Credits: 3**¹¹

Total Credit Hours: 33

Total Credit Hours Required: 120

- "C" or better required.
- 6 credits of Math satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Completion of MATH 2107, 2108 and 2 credits of general electives fulfills the requirement for MATH 2114, MATH 2124. Completion of Math 2111, MATH 2112 and 1 credit of general electives fulfills all the math requirements for the BS degree.
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must be taken from the following: MATH 2134, MATH 2314, MATH 3511. MATH 1125 and MATH 1126 may be used as general elective hours.
- The programming requirement can be fulfilled by CSCI 1201, CSCI 1203, CSCI 1205, CSCI 1581/CSCI 1583 or CHEM 2310.
- PHYS 1033 can be used to replace PHYS 1063.
- PHYS 1034 can be used to replace PHYS 1065.
- Includes 2 credits of Math listed in general education requirements section
- CHEM 3510 cannot be used as a replacement for Biochemistry I (CHEM 4510/BIOS 4103) in any curriculum or concentration that requires CHEM 4510/BIOS 4103. CHEM 3510 cannot be used as a prerequisite for Biochemistry II (CHEM 4511/BIOS 4113).
- Must be taken from the following: CHEM 3096, CHEM 3110, CHEM 3610, CHEM 3710, CHEM 4110, CHEM 4210, CHEM 4310, CHEM 4311, CHEM 4410, CHEM 4510, CHEM 4511; BIOS 4103, BIOS 4113, BIOS 4153, BIOS 4173, BIOS 4490 (approval required); BIOS 4713; EES 4115; 3 cr. hr. must be at the 4000 level.

Additional Requirement

Minimum grade of C in all 1000-level and 2000-level science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1000 - Freshman Seminar Chem Majors - **Credits: 1**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- Arts Electives **Credits: 3**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**

Total Credit Hours: 14

Second Year of Enrollment

First Term

- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Second Term

- CHEM 2000 - Soph Seminar Chem Majors - **Credits: 1**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2124 - Calculus II - **Credits: 4**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3094 - Undergraduate Research - **Credits: 4**
- **OR**
- CHEM 3091 - Chemistry Internship - **Credits: 1 - 4 (Variable)**
- Approved Math Elective **Credits: 3**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**
- CHEM 2310 - Chemical Computing - **Credits: 3**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3411 - Desc Inorganic Chemistry - **Credits: 3**
- Humanities or Social Science Elective **Credits: 6**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- Advanced Chemistry Elective **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**
- General Electives **Credits: 3**
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- Advanced Chemistry Elective **Credits: 3**
- General Elective **Credits: 8**

- CHEM 4000 - Senior Comprehensive Exam - **Credits: 0**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Students with different math placement should consult with the Chemistry Department.

Concentration Requirements

Students may choose a concentration from:

- Biochemistry Concentration
- Chemical Physics Concentration
- Forensics Concentration
- Materials Concentration
- Medicinal Concentration

Doctor of Philosophy

Chemistry, Ph.D.

Program Overview

The Ph.D. degree is offered in the areas of Analytical, Biochemistry, Inorganic, Medicinal, Materials, Organic, and Physical Chemistry. However, many members of the faculty have research interests that cross traditional boundaries to cover a range of interdisciplinary areas. The course of study leading to this degree is designed to provide students with a broad fundamental background in chemistry through a core course curriculum and rigorous experience in particular area of specialization.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and area of specialty and will be capable of 1) applying these concepts, 2) analyzing new topics or material, 3) composing or constructing new ideas, and 4) appraising and evaluating his/her own work and the work of others.
- Graduate students will acquire an advanced understanding of concepts in physical chemistry and a minimum of 2 subdisciplines outside of physical chemistry (Analytical, Biochemistry, Inorganic, Organic, Materials, Medicinal) through completion of graduate level coursework. An advanced understanding includes the ability to apply knowledge and analyze information.
- Graduate students will develop skills to be competent instructors of undergraduate students.
- Graduate students will be able to explain in technical written and oral formats an advanced understanding of a current topic in the chemical literature. Admission

Degree Requirements

- The minimum requirement for the Doctor of Philosophy degree is 60 graduate credit hours that includes 18 credit hours of graduate course work. At least nine hours must be concentrated in one of the divisions of chemistry. In addition, a minimum of six hours must be taken across two other chemical divisions. With the approval of the student's dissertation committee and the department chair, the additional three credit may be taken in graduate level non-chemistry courses. Required reading courses (CHEM 6090, 6091, 6092, and 6093, one hour each) are not counted as part of the 18 hours. Six credits in CHEM 6095 (seminar) and at least 32 research credits in research/dissertation (CHEM 7050) go toward completion of the 60-semester hour minimum. Courses at the 5000-level can only be used for graduate credit with the approval of the student's dissertation committee and the department chair. For graduate course work, the candidate must maintain an overall B (3.0) average, a B (3.0) average in the major area.
- To become an applicant for the doctorate, a student must pass the qualifying exam. This exam is administered through a cumulative exam system in which the student must pass three separate examinations from a total of eight attempts. All cumulative examinations must be passed within a two-year period following entrance into the program. Exams are offered eight times during each academic year.
- Each student is required to prepare and present one literature seminar, the subject of which is to be taken from the current research literature and is not to be directly related to the student's present or previous research. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is

required. Each student must present the seminar no later than the fourth semester in the program (excluding summer semesters).

- Before attaining full candidacy for the Doctor of Philosophy degree, a student must exhibit excellence, depth of understanding, and high professional attainment in the field by successful completion of the general examination for the doctorate. This examination takes place in the fifth semester of study and consists of a written report and oral presentation to the dissertation committee that summarizes the student's research accomplishments and future studies.

Master of Science

Chemistry, M.S.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in physical chemistry or areas related to their thesis research and area of specialty and will be capable of applying these concepts in order to analyze new topics or material.
- Graduate students will acquire an advanced understanding of concepts in physical chemistry and a minimum of 2 subdisciplines outside of physical chemistry (Analytical, Biochemistry, Inorganic, Organic, Materials, Medicinal) through completion of graduate level coursework. An advanced understanding includes the ability to apply knowledge and analyze information.
- Graduate students will be able to explain and analyze in technical written and oral formats an advanced understanding of a current topic in the chemical literature.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants will be asked to provide two letters of recommendation from faculty familiar with the academic and research potential of the applicant.

Degree Requirements

Thesis Option

The minimum requirement for the degree of Master of Science is 30 credit hours of graduate course work. At least nine hours must be concentrated in one of the divisions of chemistry. In addition, a minimum of six hours must be taken across two other chemical divisions. With the approval of the student's thesis advisor, the additional three hours may be taken in graduate level non-chemistry courses. Also required for the Master's degree are six hours of /thesis research (at the 7000 level), and two hours of credit in CHEM 6095 - Seminar for a total of 30 semester hours. For graduate course work, the candidate must maintain an overall B (3.0) average, a B (3.0) average in the major area. Each student is required to prepare and present one literature seminar, the subject of which is to be taken from the current research literature and is not to be directly related to the student's present or previous research. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. Each student must present the seminar no later than the fourth semester in the program (excluding summer semesters). Courses at the 5000-level can only be used for graduate credit with the approval of the student's thesis advisor and the department chair.

Curriculum Summary

- CHEM Courses 5000-6000 level **Credits: 15** (CHEM 5310 or CHEM 5311 required)
- CHEM 6095 - Seminar - **Credits: 1** (required; may be taken for credit a maximum of 3 times)
- Elective Courses (5000 or above) **Credits: 3**
- Thesis Research (7000 and 7025) **Credits: 9**

Advisory Committee

Each M.S. student has an advisory committee that directs the course work and research. In the first semester in the Master of Science program (Thesis Option), the student selects a faculty member from the Department of Chemistry to serve as chair of the advisory committee. By the end of the second semester, the advisory committee is expanded to a minimum of three members. Members of the advisory committee must be members of the graduate faculty and must be from or affiliated with the Department of Chemistry.

MS Thesis

Students will submit annual reports documenting progress in the program, which will be evaluated by the graduate committee. A Candidate Plan of Study that includes coursework completed, in progress, and remaining, must be approved by the graduate coordinator and submitted to the graduate school no later than the semester prior to the completion of the degree.

The Master of Science degree (Thesis Option) requires a thesis embodying original research in a specialized area. The thesis must be defended in an oral final examination, and approved by the student's advisory committee. The defense will serve as the Master of Science (Thesis Option) degree milestone. After the

defense, the thesis is revised according to committee recommendations. Once approved the committee signs the Thesis Approval Form and the final version is uploaded for review and approval by the Graduate School.

Master of Science in Chemistry (Non-Thesis Option)

The Master of Science in Chemistry (Non-Thesis Option) Degree Program provides B.A. and B.S. degree students with an option of obtaining a M.S. degree based upon completion of program of academic coursework in advanced chemistry.

Program Limitations and Constraints

Students admitted to the Master of Science in Chemistry (Non-Thesis Option) Degree Program are not eligible for financial support from the Department of Chemistry in the form of a graduate assistantship or fellowship.

Students admitted to the Master of Science in Chemistry (Non-Thesis Option) Degree Program may not directly transfer into the Ph.D. program but may apply to the Ph.D. in Chemistry at any time. Admission into the Ph.D. program will be based on the merit of the applicant as compared to the applicant pool for that semester.

Advisor/Committee

An advisor will be assigned to the student based on his or her area of interest. The Advisor will be a member of the Chemistry Department and will monitor academic progress. The advisor will guide the student through the academic aspects of the program, serve as liaison to the Department and the Graduate School, and serve as the Chair of the Non-Thesis Project Review Committee. The Advisor will select two additional faculty members to serve on the review committee. Members of the review committee must be members of the graduate faculty and must be from or affiliated with the Department of Chemistry.

Non-Thesis option

The minimum course work requirement is 30 hours for the Master of Science in Chemistry (Non-Thesis Option) Degree Program. Graduate credit is awarded for courses numbered 5000 and above. As a minimum, a student must present at least 15 semester hours of work in courses numbered 6000 or above.

Students must complete a minimum of 18 hours in Chemistry. In addition, a total of 2 credit hours of CHEM 6095 - Seminar are required. The student must be registered for CHEM 6095 the semester they plan to graduate.

Elective courses must be numbered 5000 or above and may come from areas outside of chemistry. All elective courses to be used for the MS degree in Chemistry must be approved by the Department of Chemistry.

Curriculum Summary

- CHEM Courses 5000-7000 level **Credits: 18**
(CHEM 5310 or CHEM 5311 required)
- CHEM 6095 - Seminar - **Credits: 1** (required; may be repeated for credit a maximum of 3 times)
- Elective Courses (5000 or above) **Credits: 9**

Application for Candidacy

Students should apply for candidacy after 15 hours have been completed. Candidacy applications must be submitted the semester prior to semester in which the student will be graduating.

Non-Thesis Project

Each student is required to prepare and present a literature seminar as the Non-Thesis Project. The subject matter of the seminar is to be taken from the current chemical/biochemical research literature. The student's Advisor must approve the topic. A formal abstract, prepared and distributed prior to the date of the seminar presentation, is required. The student must present their seminar the semester they intend to graduate. The presentation of the seminar will serve as the milestone requirement for the Master of Science Degree in Chemistry (Non-Thesis Option) and will be judged by the students' Advisor/Committee as pass or fail.

Master's Examination Report

A Master's Examination Report, signed by the Advisory Committee, must be presented to the Graduate School as evidence of completion of the master's degree milestone (non-thesis project). The report is due the last week of the month preceding Commencement.

Minor

Chemistry Minor

Minor Requirements

At least 10 hours must be at the 3000 level or above. At least 10 hours must be completed at UNO.

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**

The Remaining Credit Hours Shall Be from the Following:

- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2310 - Chemical Computing - **Credits: 3**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3027 - Advanced Synthesis Lab - **Credits: 3**
- CHEM 3110 - Forensic Chemistry - **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3310 - Principles of Phys Chemistry - **Credits: 3**
- CHEM 3411 - Desc Inorganic Chemistry - **Credits: 3**
- CHEM 3510 - Foundations of Biochemistry - **Credits: 3**
- CHEM 3610 - Materials Chemistry - **Credits: 3**
- CHEM 3710 - Medicinal Chemistry - **Credits: 3**
- CHEM 4110 - Instrumental Analysis - **Credits: 3**
- CHEM 4028 - Physical & Inorganic Chem Lab - **Credits: 3**
- CHEM 4210 - Intermediate Organic Chemistry - **Credits: 3**
- CHEM 4310 - Physical Chemistry - **Credits: 4**
- CHEM 4311 - Physical Chemistry - **Credits: 4**
- CHEM 4410 - Advanced Phys Inorg Chemistry - **Credits: 3**
- CHEM 4510 - Biochemistry I - **Credits: 3**
- OR
- CHEM 4511 - Biochemistry II - **Credits: 3**

Department of Computer Science

UNO's computer science program is accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (CAC/ABET), 415 North Charles Street, Baltimore, MD 21201 - telephone: (410) 347-7700. To earn a Bachelor of Science Degree in Computer Science, a student must earn 120 credit hours as described below, and must satisfy all of the requirements of the University and the College of Sciences. In addition, the following stipulations must be satisfied:

- Before enrolling in a computer science course, a student must have earned a grade of C or better in all computer science courses which are a prerequisite for it. A grade of C or better must be earned in all science courses, including mathematics and computer science, used to satisfy degree requirements.
- Computer science electives must be chosen from computer science courses numbered 3000 or above.
- Mathematics electives, unless otherwise specified, must have a prerequisite of at least MATH 2124 or its equivalent.
- The science sequence must be one of: BIOS 1073, BIOS 1071, BIOS 1083, and BIOS 1081; or BIOS 1073, BIOS 1071, and BIOS 2014; or BIOS 1083, BIOS 1081, and BIOS 2114; or CHEM 1017, CHEM 1018, CHEM 1007 and CHEM 1008; or EES 1000, EES 1001, EES 2004, and EES 2005; or PHYS 1061, PHYS 1063, PHYS 1062, PHYS 1065. (In some cases, comparable courses intended for respective majors may also be acceptable.) Science electives must be in biology, chemistry, earth and environmental sciences, or physics, and must include at least three hours in a science other than that of the science sequence. The University requires each student to complete three hours of biology; this requirement may be met through the science sequence, science electives, or free electives.
- Foreign language electives must include a six-hour sequence.
- CSCI 4000 (Senior Comprehensive Examinations) must be passed by the student by the final semester of studies.

Entering freshmen not qualifying for MATH 1126 must take MATH 1125; this course may be counted toward degree credit.

Accelerated Masters

Computer Science, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Computer Science.

Computer Science/Cybersecurity & Operations, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Computer Science and the Master of Science in Cybersecurity and Operations.

Bachelor of Science

Computer Science, B.S.

Student Learning Outcomes

- Ability to apply mathematical reasoning and logic to formulate solutions to computing problems.
- Ability to analyze a problem statement, identify requirements, and implement a solution.
- Ability to communicate effectively and present work coherently to one's peers.
- Ability to assimilate new results, approaches, and paradigms in the computing profession.
- Ability to function effectively as a member of a team to collaboratively solve problems.
- Appreciation and understanding of ethical, legal, security, and social issues involving computing.
- Ability to analyze the impact of computing on individuals, organizations, and society.
- Ability to apply analysis of algorithms and computer theory in the modeling and design of a system to evaluate the tradeoffs involved in design decisions.
- Ability to identify and understand the algorithmic core of a problem statement, reduce the problem to a familiar model, and efficiently design a solution using well-known methods.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS **Credits: 3**⁵
- BIOS or Physical Science **Credits: 6**⁵

Humanities

- FORL Sequence **Credits: 6**⁴
- Literature **Credits: 3**⁴

Social Sciences

- Social Sciences Elective **Credits: 6**⁴

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 2450 - Machine Structure and Assembly Language Programming - **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**
- Elective **Credits: 4**
- MATH 1125 - Precalculus Algebra - **Credits: 3** or Elective
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- CSCI Electives **Credits: 6**⁸
- Science Electives **Credits: 3**⁹
- Science Labs **Credits: 2**⁶
- Humanities or Social Science Elective **Credits: 3**

Total Credit Hours: 49

Includes 1 credits of MATH listed in General Education Requirements section.

Course Requirements for Major

- CSCI 2467 - Systems Programming Concepts - **Credits: 3**
- CSCI 3080 - Ethics in Computing Profession - **Credits: 1**
- CSCI 3090 - Undergraduate Seminar - **Credits: 1**
- CSCI 3102 - Intro to Theory of Computation - **Credits: 3**
- CSCI 3301 - Computer Design & Organization - **Credits: 3**
- CSCI 4000 - Comprehensive Exam - **Credits: 0**
- CSCI 4101 - Analysis of Algorithms - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 4501 - Programming Language Structure - **Credits: 3**
- CSCI 3000 level or above electives **Credits: 6**

Total Credit Hours: 32

Total Credit Hours Required: 120

- "C" or better required
- 6 credits of MATH satisfy the general education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 1 credits of MATH listed in General Education Requirements section.
- For Social Science Electives, select from ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and BIOS 1083, or CHEM 1017 and CHEM 1018, or EES 1000 and EES 2004, or PHYS 1061 and PHYS 1062.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or EES 1001 and EES 2005, or PHYS 1063 and PHYS 1065.
- MATH elective must have a prerequisite of at least MATH 2124.
- Computer science electives must be chosen from computer science courses numbered 3000 or above.
- Science electives must be BIOS, CHEM, EES, MATH, PHYS, or PSYC.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- Free Elective **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- Social Science Elective **Credits: 3**
- Art Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 13

Second Term

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Social Science Elective **Credits: 3**

Total Credit Hours: 13

Second Year of Enrollment

First Term

- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**
- CSCI 2450 - Machine Structure and Assembly Language Programming - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- ENGL Literature **Credits: 3**
- Foreign Language I **Credits: 3**

Total Credit Hours: 17

Second Term

- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 2467 - Systems Programming Concepts - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- Foreign Language II **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- CSCI 3102 - Intro to Theory of Computation - **Credits: 3**
- CSCI 3301 - Computer Design & Organization - **Credits: 3**
- Free Elective **Credits: 3**
- CSCI/MATH elective **Credits: 3**
- ENGL 2152 - Technical Writing - **Credits: 3**

Total Credit Hours: 15

Second Term

- CSCI 4101 - Analysis of Algorithms - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- CSCI/MATH Elective **Credits: 3**
- Humanities/Social Science elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 3000 level or above elective **Credits: 3**
- Science sequence lecture **Credits: 3**
- Science sequence lab **Credits: 1**
- Science elective **Credits: 3**

Total Credit Hours: 16

Second Term

- CSCI 3080 - Ethics in Computing Profession - **Credits: 1**
- CSCI 3090 - Undergraduate Seminar - **Credits: 1**
- CSCI 4000 - Comprehensive Exam - **Credits: 0**
- CSCI 4501 - Programming Language Structure - **Credits: 3**
- CSCI 3000 level or above elective **Credits: 3**
- Science sequence lecture **Credits: 3**
- Science sequence lab **Credits: 1**
- Science elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Concentration Requirements

Students may choose a concentration from:

- Bioinformatics Concentration
- Game Development Concentration
- Cyber Security Concentration

Graduate Certificate

Machine Learning and Artificial Intelligence Graduate Certificate

The Graduate Certificate in Machine Learning and Artificial Intelligence is designed to rapidly produce graduate students who will be qualified for high-demand jobs in the Machine Learning (ML) and Artificial Intelligence (AI) areas.

Required Courses

- CSCI 6521 - Advanced Machine Learning I - **Credits: 3**

- CSCI 6522 - Advanced Machine Learning II - **Credits: 3**

Elective Courses (Choose 2)

- CSCI 6250 - Big Data Analytics and Systems - **Credits: 3**
- CSCI 6454 - Parallel & Sci Computing - **Credits: 3**
- CSCI 6633 - Computer Vision - **Credits: 3**
- CSCI 6634 - Data Visualization - **Credits: 3**
- CSCI 6645 - Planning Algorithms in AI - **Credits: 3**
- CSCI 6650 - Intelligent Agents - **Credits: 3**
- CSCI 6990 - Topics in Adv Comp Sci - **Credits: 3**

Master of Science

Computer Science, M.S.

Program Overview:

The Department of Computer Science offers a program of study leading to the degree of Master of Science. The program is designed to be flexible enough to accommodate the needs of two kinds of students: those who have recently completed an undergraduate degree in computer science and want to further their education, and those practicing professionals who want to acquire specific academic experience relevant to their work.

Student Learning Outcomes

- Students will have in-depth knowledge in one of the eight subfields of computer science (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence). Students will also acquire basic knowledge in three different subfields in addition to their in-depth subfields. The computer science graduates will be able to communicate the acquired knowledge in written form.
 - The computer science graduates will have the ability to communicate the acquired knowledge in at least one of the eight computer science subfields (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence) effectively in oral form.
 - Students will have the ability to analyze complex computational or software developmental problems and synthesize solutions with implementations by applying acquired knowledge in three of the eight computer science subfields (theoretical computer science, systems and network, software systems, software engineering, information assurance, database systems and distributed applications, computer graphics and visual computing, and artificial intelligence).
- In addition to meeting the minimum standards for admission to the Graduate School

admission to the master's degree in computer science will be determined by the department on the basis of undergraduate academic record, three letters of recommendation, statement of purpose. Admission to the program generally requires a mathematical background equivalent to MATH 2111, MATH 2112 (Calculus with Analytic Geometry) and MATH 3721 - Intro to Discrete Structures; and a computer science background including the equivalent of CSCI 1583 - Software Design and Development I, CSCI 2120 - Software Design II, CSCI 2125 - Data Structures, CSCI 2450 - Machine Structure and Assembly Language Programming, CSCI 3301 - Computer Design & Organization, and two upper-division courses. Students not meeting these requirements may be admitted to the program on a conditional basis, and must fulfill conditions imposed by the department in addition to the regular requirements for the degree. Students with bachelor's degrees in fields other than computer science may be admitted on a conditional basis.

Degree Requirements

The department offers both thesis and non-thesis options in the master's program. All candidates for the master's degree must satisfy the following background, breadth, and depth requirements.

No course may be counted toward the satisfaction of more than one of these requirements.

- **Background requirement:** the equivalent of CSCI 5401 and CSCI 5501. Students who have not completed this requirement prior to enrollment are required to do so, for credit, as part of their curricula.
- **Breadth requirement:** students must take one 6000-level course that counts toward the degree requirements (three semester hours) in each of three different concentration areas as listed below.
- **Depth requirement:** students must take three additional courses that count toward the degree requirements (nine semester hours), of which at least two must be at the 6000-level. All courses must belong to the same concentration area (see list below). This concentration area must be different from the ones chosen to fulfill the breadth requirement.

The concentration areas, with specific sub-disciplines falling under each area, are given in the following table. A detailed list of courses included in each area can be obtained from the department.

Theoretical Computer Science and Programming Languages

- Computability
- Analysis of Algorithms and Complexity
- Formal Languages and Automata
- Combinatorics and Graph Theory
- Formal Semantics and Type Theory
- Logic
- Programming Languages
- Compiler Construction

Systems and Network

- Operating
- Hardware Architecture
- Parallel and Distributed Systems
- Networks
- Protocols

Software Systems

- Algorithm Design
- Data Structures
- Programming Methodologies
- Software Engineering
- Distributed Software Engineering
- Software Architectures
- Software Components

Information Assurance

- Defense of information and information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation.
- Cryptology
- Computer Security
- Information Protection
- Secure Information Exchange

Database Systems and Distributed Applications

- Data Modeling
- Database Systems and Distributed Database Systems
- Data Query Languages
- Programming and Architectures for the Web
- Spatial Database Systems
- Data Mining
- Mobile Computing

Computer Graphics and Visual Computing

- Computer Graphics
- Image Processing
- Data Visualization
- Visual Programming Languages
- Computational Geometry

Artificial Intelligence

- Robotics
- Computer Vision
- Pattern Recognition
- Evolutionary Computing
- Expert Systems
- Machine Learning
- Data Mining

Other Requirements

All graduate students completing the master's degree must maintain a minimum of B grade in all 5000-level courses, and a minimum 3.0 average in all courses taken to satisfy the degree requirements.

Students completing the master's degree with a thesis are required to submit an acceptable thesis and give a satisfactory defense of the thesis. Thirty semester hours are required, no more than six of which may be thesis credit. No more than nine hours may be at the 5000 level. Up to six hours may be taken in graduate courses outside of Computer Science upon prior approval by the department. Students choosing Information Assurance as their concentration must select the thesis option.

Students completing the master's degree without a thesis are required to give a satisfactory performance in a comprehensive examination covering course work. 36 semester hours are required, no more than 12 of which may be at the 5000 level. Up to nine hours may be taken in approved graduate courses outside of Computer Science upon prior approval by the department.

All graduate assistants are required to participate in the weekly departmental seminar.

Cybersecurity & Operations, MS

The Master of Science in Cybersecurity & Operations degree requires a minimum of 30 credit hours, and offers thesis and non-thesis options. All students must earn a minimum of 15 credit hours from eligible 6000-level courses.

Prerequisites

To enter the program, a student must have completed a four-year baccalaureate degree recognized by the University of New Orleans. A student must have successfully completed the following three UNO courses or their equivalent at another institution.

- CSCI 4311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 4401 - Principles Operating Systems I - **Credits: 3**
- CSCI 4621 - Intro Cyber Security - **Credits: 3**

Students who do not meet the prerequisites can begin their program by taking the corresponding 5000-level section of these courses, subject to their respective requisites:

- CSCI 5311 - Computer Networks & Telecomm - **Credits: 3**
- CSCI 5401 - Principles Operating Systems I - **Credits: 3**
- CSCI 5621 - Intro Cyber Security - **Credits: 3**

Supporting Courses

Up to 12 credits maximum.

Students who have taken for credit the corresponding undergraduate courses at UNO or the equivalent at institution cannot take the corresponding 5000-level section for credit towards the degree.

- CSCI 5130 - Intro Cryptography - **Credits: 3**
(Students must either have undergraduate credit for CSCI 4130 or equivalent, or must complete either CSCI 5130 Intro to Cryptography, or CSCI 6626 Advanced Cryptography.)
- CSCI 5402 - Principles Operating Systems II - **Credits: 3**
- CSCI 5460 - Network Op & Defense - **Credits: 3**
- CSCI 5622 - Reverse Engineering - **Credits: 3**
- CSCI 5623 - Digital Forensics - **Credits: 3**

Core Cybersecurity Courses

12 credits minimum required.

- CSCI 6621 - Network Security - **Credits: 3**
- CSCI 6625 - Network Penetration - **Credits: 3**
- CSCI 6663 - Software security - **Credits: 3**

Breadth Courses (6000-level) SYSTEMS

Students can take up to five 6000-level courses (15 credit hours) towards satisfying the degree requirements from the **two categories of Breadth Courses, SYSTEMS and ALGORITHMS.**

If two or three Breadth courses are taken, then at least one of each of the two categories must be present.

If four or five Breadth courses are taken, then at least two of each of the two categories must be present.

- CSCI 6350 - Dev of Distributed Software - **Credits: 3**
- CSCI 6450 - Principles Distributed Systems - **Credits: 3**
- CSCI 6452 - Cloud Computing - **Credits: 3**

Breadth Courses (6000-level) ALGORITHMS

Students can take up to five 6000-level courses (15 credit hours) towards satisfying the degree requirements from the **two categories of Breadth Courses, SYSTEMS and ALGORITHMS**.

If two or three Breadth courses are taken, then at least one of each of the two categories must be present.

If four or five Breadth courses are taken, then at least two of each of the two categories must be present.

- CSCI 6250 - Big Data Analytics and Systems - **Credits: 3**
- CSCI 6633 - Computer Vision - **Credits: 3**
- CSCI 6634 - Data Visualization - **Credits: 3**
- CSCI 6635 - Pattern Recognition - **Credits: 3**
- CSCI 6650 - Intelligent Agents - **Credits: 3**

Thesis Option (Research track)

6 credits of CSCI 7000 Thesis Research (at most 3 credits per semester) working with a faculty advisor on a research problem in cybersecurity in lieu of two elective courses. Thesis-option students still must complete at least five 6000-level eligible courses.

Non-thesis Option (Professional track)

Non-thesis students must complete at least seven cybersecurity courses from the CORE and SUPPORTING categories, as listed below. CSCI 7000 Thesis Research cannot be used to satisfy the credit requirements of the non-thesis option.

Minor

Computer Science Minor

Minor Requirements

An undergraduate majoring in a department other than Computer Science may earn a minor in Computer Science by completing the following computer science courses each with a grade of C or better: CSCI 2120, CSCI 2125, CSCI 2450, CSCI 3301, and two three-credit 4000-level courses selected from an approved list. (It should be noted that credit or concurrent enrollment in MATH 3721 is required for CSCI 2125. Also, credit in CSCI 1583 is required for CSCI 2120.) A transfer student must complete a minimum of nine credit hours in required computer science courses at UNO, and these must include CSCI 2125 and a three credit 4000-level course from the approved list.

Undergraduate Certificate

Software Engineering Undergraduate Certificate

The Undergraduate Certificate in Software Engineering is designed to teach students how to apply the principles of software engineering to the design, development, testing and maintenance of software systems.

Prerequisite Courses

- CSCI 1583 - Software Design and Development I - **Credits: 3**
- CSCI 1581 - Software Design Lab I - **Credits: 1**

Required Courses

- CSCI 2120 - Software Design II - **Credits: 3**
- CSCI 2121 - Software Design Lab II - **Credits: 1**

- CSCI 2125 - Data Structures - **Credits: 3**
- CSCI 4125 - Data Models and DBS Syst - **Credits: 3**
- CSCI 4210 - Introduction to Software Engr - **Credits: 3**

Optional Courses (Choose Two)

- CSCI 4208 - Developing Advanced Web Applic - **Credits: 3**
- CSCI 4661 - Mobile Apps Dev - **Credits: 3**
- CSCI 4990 - Special Topics CSCI - **Credits: 3**
- CSCI 3097 - Problems in Computer Science - **Credits: 1 - 3 (Variable)**
(Internship. Must equal 3 credits to count for requirement.)

Department of Earth and Environmental Sciences

To earn a Bachelor of Science degree in earth and environmental sciences, a student must receive credit for 120 hours of coursework. This coursework must include core and foundation coursework in EES plus the required and elective courses for one of two available concentrations: Geoscience or Environmental and Coastal Science. The curriculum allows students the flexibility to focus in areas of hydrocarbon geology, environmental science, coastal science, and traditional geosciences. A grade of C or better must be earned in all math and science courses.

Bachelor of Science

Earth and Environmental Sciences, Environmental and Coastal Concentration, B.S.

- Students will be able to construct and effectively present earth and environmental sciences information and concepts visually and verbally through oral presentations.
- Students will be able to explain earth and environmental sciences concepts and present and interpret data in a technical writing format by their date of graduation.
- Students will demonstrate an understanding of fundamental concepts in geomorphology.
- Students will demonstrate an understanding of fundamental concepts in paleontology, earth history, and evolution.
- Students will demonstrate an understanding of environmental sciences.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

3

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences elective **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**

- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- 2nd SCI Elective + PAIRED LAB (non EES) **Credits: 4**⁵
- Science Electives **Credits: 9**
- Electives **Credits: 14**

Total Credit Hours: 37

4

Course Requirements for Major

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Approved EES electives **Credits: 6**

Total Credit Hours: 28

Concentration Requirements

- EES 2510 - Environmental Science & Policy - **Credits: 3**
- EES 4925 - Intro to Physical Oceanography - **Credits: 3**⁶
- EES 4520 - Estuarine Envir Sci - **Credits: 4**⁶
- EES 4550 - Coastal Geomorphology - **Credits: 3**⁶
- EES 4949 - Natural Resource Mgt - **Credits: 3**⁶

Total Credit Hours: 16

Total Credit Hours Required: 120

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Notes:

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy the General Education requirements. Check **General Education Courses** to confirm what courses fulfill this requirement.
- Includes 1 credits of Math listed in General Education Requirements section.
- Select from BIOS 1081 and BIOS 1083; or CHEM 1008 and CHEM 1018; or PHYS 1032 and PHYS 1035; PHYS 1062 and PHYS 1065.
- Up to two of these courses may be substituted by other EES courses of the same level and credit hours.

Four Year Plan of Study

First Year of Enrollment

First Term

- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- Elective **Credits: 2**
- EES 2051 - Geomorphology - **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Second Term

- Science Elective **Credits: 3**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 2510 - Environmental Science & Policy - **Credits: 3**
- Humanities **Credits: 3**

- Science Elective/Lab **Credits: 4**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- Elective **Credits: 3**
- Arts **Credits: 3**
- Humanities **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- EES 4949 - Natural Resource Mgt - **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 4520 - Estuarine Envir Sci - **Credits: 4**
- Social Sciences **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 13

Fourth Year of Enrollment

First Term

- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- Social Sciences **Credits: 3**
- EES Approved Elective **Credits: 3**
- Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**
- EES 4925 - Intro to Physical Oceanography - **Credits: 3**
- Elective **Credits: 2**
- EES Approved Elective **Credits: 4**

Total Credit Hours: 15

Total Credit Hours Required: 120

Earth and Environmental Sciences, Geosciences Concentration, B.S.

Student Learning Outcomes

- Students will be able to construct and effectively present earth and environmental sciences information and concepts visually and verbally through oral presentations.
- Students will be able to explain earth and environmental sciences concepts and present and interpret data in a technical writing format by their date of graduation.
- Students will demonstrate an understanding of fundamental concepts in geomorphology.
- Students will demonstrate an understanding of fundamental concepts in paleontology, earth history, and evolution.
- Students will demonstrate an understanding of environmental sciences.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**

Science

- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences elective **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- 2nd SCI Elective + PAIRED LAB (non EES) **Credits: 4**⁵
- Science Electives **Credits: 9**
- Electives **Credits: 14**

Total Credit Hours: 37

Course Requirements for Major

- EES 2004 - Earth & Env Thru Time - **Credits: 3**

- EES 2051 - Geomorphology - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Approved EES electives **Credits: 6**

Total Credit Hours: 28

Concentration Requirements

- EES 2700 - Earth Materials - **Credits: 3**
- EES 3100 - Earth Structure - **Credits: 3**⁶
- EES 3310 - Ign Met Sed Petrology - **Credits: 3**⁶
- EES 4110 - Introduction to Geophysics - **Credits: 3**⁶
- EES 4750 - Principles of Stratigraphy - **Credits: 4**⁶

Total Credit Hours: 16

Total Credit Hours Required: 120

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Notes:

- "C" or better required
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 credits of Math satisfy the General Education requirements. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Includes 1 credits of Math listed in General Education Requirements section.
- Select from BIOS 1081 and BIOS 1083; or CHEM 1008 and CHEM 1018; or PHYS 1032 and PHYS 1035; PHYS 1062 and PHYS 1065.
- Up to two of these courses may be substituted by other EES courses of the same level and credit hours.

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 15

Second Term

- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Elective **Credits: 2**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 2000 - Method Earth Env Sci - **Credits: 4**
- Elective **Credits: 2**
- Humanities **Credits: 3**
- Science Elective/Lab **Credits: 4**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EES 3100 - Earth Structure - **Credits: 3**
- Arts **Credits: 3**
- Humanities **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- EES 3310 - Ign Met Sed Petrology - **Credits: 3**

Total Credit Hours: 16

Second Term

- Science Elective **Credits: 3**
- EES 4750 - Principles of Stratigraphy - **Credits: 4**
- Social Sciences **Credits: 3**
- Elective **Credits: 4**

Total Credit Hours: 14

Fourth Year of Enrollment

First Term

- EES 4560 - Env Geol Coastal LA - **Credits: 3**
- Social Sciences **Credits: 3**
- EES Approved Elective **Credits: 3**
- Science Elective **Credits: 3**

Total Credit Hours: 12

Second Term

- EES 4099 - Senior Sem-Earth and Env Sci - **Credits: 3**
- Elective **Credits: 2**
- Elective **Credits: 3**
- EES 4110 - Introduction to Geophysics - **Credits: 3**
- EES Approved Elective **Credits: 3**

Total Credit Hours: 14

Total Credit Hours Required: 120

Graduate Certificate

Coastal Sciences Graduate Certificate

Program Overview:

The certificate in Coastal Sciences is offered jointly by the Department of Earth & Environmental Sciences and the Department of Civil & Environmental Engineering, which also offers a certificate in Coastal Engineering.

Student Learning Outcomes

After successful completion of this certificate, students should be able to:

- Utilize principles of coastal morphodynamics to predict delta evolution, shoreline change, and marsh edge erosion.
- Compute sediment load using principles of sediment transport.
- Estimate cost for different dredging methods in the context of coastal restoration.
- Utilize basic principles of wind and wave generation to understand coastal sediment transport.
- Understand and apply appropriate management and mitigation approaches to barrier shorelines, beaches, deltas, and estuaries.
- Recognize the range of coastal environments and the physical, biological and chemical processes that shape these environments.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, applicants to the program must

Hold a degree in a related field (engineering or sciences).

Curriculum

- 12 graduate credit hours earned in: Coastal Processes, Sediment Transport and Dredging, Coastal Geomorphology, and Coastal Restoration and Management.
- The cumulative grade point average (GPA) of the four courses must be a minimum of a B average (3 .0) to earn the certificate.
- All courses will be offered in a dual format (classroom + online over the internet). This will provide opportunity for practicing engineers to take advantage of the certificate program.
- Certificate courses can be taken by practicing engineers with a bachelor's degree in Engineering, Sciences, or related fields. Students may apply credit earned in these courses towards their M.S. program if they are offered admission to the program and the coursework is completed within the time limit for Master's degrees.

Master of Science

Earth and Environmental Sciences, M.S.

Program Overview:

The Department of Earth and Environmental Sciences (EES) offers a multi-disciplinary program of study a wide variety of research options that lead to the degree of Master of Science. The faculty teach about topics relevant to Louisiana's earth resources and environment, but also participate in internationally recognized research. The multi-disciplinary approach of EES better prepares graduates for a professional setting where different scientists from diverse disciplines work together to achieve common objectives.

The Department also participates in the Doctor of Philosophy in Engineering and Applied Science program. As an interdisciplinary graduate degree program, the student will need to review the requirements for the Engineering and Applied Sciences Doctor of Philosophy which is administered jointly by the College of Sciences and the College of Engineering at UNO. The degree is administered through this program while dissertation research is conducted in EES.

Student Learning Outcomes

- EES Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and area of specialty.
- EES Graduate students will be able to construct and effectively competently present Earth and Environmental Sciences information and concepts information and concepts visually and verbally through oral presentations.
- EES Graduate students will be able to explain in technical written format an advanced understanding of concepts in areas related to their thesis research and area of specialty.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

Admission requirements for entering the M.S. in Earth and Environmental Science include:

- an undergraduate GPA > 3.0;
- completion of the Graduate Record Examination, with a minimum total score of 300 (Verbal + Quantitative) being higher preferred;
- submission of a letter of intent to EES
- submission of two letters of recommendation;
- Resume or C.V.

Foreign applicants (non-English speaking countries) must also provide proof of English proficiency (see Graduate School).

Degree Requirements

A choice is provided between (i) a thesis or a research program, calling for 30 credit hours of graduate credit (24 credit hours of coursework, and 6 credit hours of research). Nine of the 24 credit hours must be earned at or above 6000; and (ii) a non-thesis option, requiring 30 credit hours of graduate credit, including 3 hours of a masters-level project (EES 6095). Twelve of the 27 hours of coursework must be earned in courses numbered at or above 6000.

All Master of Science graduate students will be required to:

- Form a thesis committee within his or her first semester consisting of a at least three committee members with graduate faculty status;
- Submit a prospectus or research work plan to the thesis committee within her or his first year; and
- Submit and publicly defend a thesis or project upon completion of course work and research.

Financial Aid

Both teaching and research assistantships are available through EES. Teaching assistantships are competitive with preference given to those qualified applicants with experience in teaching basic geology and/or environmental science laboratory courses. Graduate students (M.S. and Doctor of Philosophy) may also be supported by research assistantships provided by their advisor. Potential students are encouraged to discuss the possibilities with your advisor prior to applying. Finally, there are numerous scholarships available to EES graduate students through the University. See the respective websites for further detail.

Minor

Earth and Environmental Sciences Minor

An undergraduate majoring in another subject may minor in earth and environmental sciences by completing 20 .credit hours in EES with a grade of C or better in each EES course taken. These courses must include EES 1000 and EES 1001. Students must also take either EES 1002 and EES 1003 or EES 2004 and EES 2005 (cannot take both for Minor). Of the remaining 12 credit hours, 10 credit hours must be taken at the 3000-level or above. Also, at least 10 of the 20 credit hours must be taken at UNO.

Department of Mathematics

Mathematics is a large discipline which has applications to all academic subjects. The mathematics department at UNO teaches classes in actuarial mathematics, applied mathematics, pure mathematics, and statistics. To earn a Bachelor of Science in Mathematics, a student must satisfy all requirements of the University and of the College of Sciences, as well as those of the Program described below. In addition, a grade of C or better must be earned in each mathematics and science course (including engineering classes taken as science electives) taken for degree credit.

Accelerated Masters

Mathematics, Accelerated Master's (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree and a Master of Science degree in Mathematics.

Bachelor of Science

Mathematics, B.S.

Student Learning Outcomes

Graduating mathematics majors will be able to:

- Analyze and solve basic problems requiring analytical skills.
- Analyze and solve fundamental problems requiring abstract analytical skills.
- Apply mathematical knowledge to other areas of science and engineering.
- Analyze and solve basic problems requiring statistical knowledge.
- Communicate knowledge through written work.
- Communicate knowledge through oral work.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2124 - Calculus II - **Credits: 4**^{2,7}

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**

Humanities

- Foreign Language Sequence **Credits: 6**⁸
- Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**³

Arts

- Arts elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
OR
- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- Science Electives **Credits: 11-12**⁵
- General Electives **Credits: 25**

Total Credit Hours: 44

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Course Requirements for Major

- MATH 2134 - Calculus III - **Credits: 4**

- MATH 2221 - Elem Differential Equations - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 4101 - Advanced Calculus - **Credits: 3**⁹
- MATH 4511 - Linear Algebra - **Credits: 3**
- Mathematics 3000+ **Credits: 6**
- Mathematics 4000+ **Credits: 9**
- MATH 3900 - Undergraduate Oral Examination - **Credits: 0**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**

Total Credit Hours: 37

Total Credit Hours Required: 120

- "C" or better required
- 6 credits of Math satisfy the general education requirements
- Check General Education Courses to confirm courses fulfilling this requirement.
- FTA (theatre/dance/film related course), FA or MUS
- At least 6 of these credits must not be mathematics courses in the College of Sciences. 6 credits can be engineering courses. 1 less credit is required if the student took CSCI 1581 and CSCI 1583 (rather than CSCI 1205.) The College of Sciences maintains a list of approved science electives. Note that many low level classes are not permitted.
- Includes 2 credits of Math listed in general education requirements section
- Students not adequately prepared to enter a calculus sequence must take appropriate pre-calculus courses without credit toward graduation. The mathematics department determines placement for mathematics classes.
- Foreign language must include a six hour sequence in one language. French, German, or Russian is recommended for students planning graduate studies.
- Students interested in graduate studies in mathematics are strongly advised to take MATH 4102.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- FORL 1001 **Credits: 3**
- Social Science Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 14

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- FORL 1002 **Credits: 3**
- Social Science Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
OR
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- ARTS **Credits: 3**

Total Credit Hours: 17-18

Second Term

- MATH 2221 - Elem Differential Equations - **Credits: 3**
OR
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- BIOS **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH 3000+ **Credits: 3**
- Science Elective **Credits: 3**
- Science Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MATH 4511 - Linear Algebra - **Credits: 3**
- MATH 3000+ **Credits: 3**
- Science Elective **Credits: 3**
- Free Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 4101 - Advanced Calculus - **Credits: 3**
- Science Elective **Credits: 2-3**
- Free Elective **Credits: 3**
- Free Elective **Credits: 3**

Total Credit Hours: 14-15

Second Term

- MATH 4000+ **Credits: 3**
- MATH 4000+ **Credits: 3**
- MATH 4000+ **Credits: 3**
- MATH 3900 - Undergraduate Oral Examination - **Credits: 0**
- Free Elective **Credits: 2**

Total Credit Hours: 11

Total Credit Hours Required 120

Concentration Requirements

- Actuarial Science Concentration

Graduate Certificate

Data Analytics Graduate Certificate

Program Overview:

The graduate certificate in Data Analytics provides students with the tools to meet the increased demand for professionals who can interpret, explain and present large quantities of data for decision-making.

Student Learning Outcomes:

- Utilize statistical principles to review, organize & analyze data
- Design statistical models for large data sets
- Build projections and forecast outcomes

Requirements

The certificate requires 4 courses, including a core of 2 Mathematics courses that provide a foundation in statistical analysis and modeling; and 2 additional courses in options that focus on the application of data analytics methods in different fields including statistical learning, management and urban research.

Requirement

- MATH 5371 Data Analytics **Credits: 3**
- MATH 6371 Advanced Data Analytics **Credits: 3**

Option I Statistical Learning

- MATH 5385 - Statistical Learning - **Credits: 3**
- MATH 6395 - Advanced Statistical Learning **Credits: 3**

Option II Management

- MANG 5780 - Business Intelligence **Credits: 3**
OR
- MKT 5700 - Marketing Analytics - **Credits: 3**
- ENMG 6120 - Project Management - **Credits: 3**

Option III Urban Research

- MURP 6020 - Analytic Methods for Planners - **Credits: 3**
- MURP 6121 - Urban & Regional Analysis II - **Credits: 3**

Master of Science

Mathematics, M.S.

The Department of Mathematics offers a program of study leading to the degree of Master of Science. The program is designed to provide a sound preparation for continued study toward a Doctor of Philosophy degree as well as prepare students for careers in business, government, industry, and teaching. The program provides courses for those interested in the modern applications of mathematics, the pure aspects of mathematics, or statistics, or actuarial mathematics.

The department also participates in the Doctor of Philosophy in Engineering and Applied Science (ENAS) program. Interested students should refer to the description of the ENAS program, admission criteria, and curricular requirements at the beginning of the Graduate Programs in Sciences section.

Student Learning Outcomes

- Graduate students will acquire an advanced understanding of concepts in areas related to their thesis research and/or area of specialty. Meanwhile, the student should be able to apply the presented theory and methodology to solve related practical problems.
- Graduate students will be able to construct and effectively present mathematics information and concepts visually and verbally through oral presentations.
- Graduate students will be able to explain mathematical concepts in technical writing to demonstrate their understanding of advanced concepts in areas related to their thesis research and/or area of specialty.

In addition to meeting the minimum standards for admission to the Graduate School,

applicants should prepare themselves by successfully completing an undergraduate program that includes the equivalent of at least MATH 2134 - Calculus III, and MATH 3511 - Intro to Linear Algebra. In addition, it is strongly recommended that students have taken the equivalent of the MATH 3512 - Introduction Abstract Algebra, MATH 4511 - Linear Algebra and MATH 4101 - Advanced Calculus. See Requirements below for more information. Applicants to the program are required to take the Graduate Record Examination (GRE) General Test. Successful applicants submit GRE scores with scores 150 or more on the Quantitative Reasoning and 140 or more on the Verbal Reasoning section.

Financial Aid

Graduate Assistantships are available to a limited number of qualified applicants. Students who would like to apply for a Graduate Assistantship should contact the Graduate Coordinator in the Mathematics Department.

Degree Requirements

The general regulations of the Graduate School, set forth elsewhere in this catalog, apply to the graduate program in mathematics. Any student who has been admitted to graduate study in mathematics but who has not completed the equivalent of MATH 4101 and MATH 4511 must take MATH 5101, and MATH 5511 as early as possible. (Note: MATH 5101 is required for graduation, but does not contribute towards graduate credit for the MS degree in mathematics. MATH 5511 counts towards graduate credit.)

The student must complete at least 18 hours of 6000-level courses in the Mathematics Department. Up to nine non-math hours can be used toward the degree and these courses must be math-oriented or direct applications of math and must be approved by the Graduate Advisory Committee of the mathematics department.

The student must obtain at least a 3.0 average in all graduate level courses, excluding Thesis Research, whether or not the course is offered for degree requirements. The student is given the choice of whether or not to write a Master's Degree Thesis. The total number of semester hours required is 36 for non-thesis option and 30 for the thesis option. Students who choose to write a thesis must give an oral presentation of the thesis with satisfactory performance. Students who choose the non-thesis option must give a satisfactory performance on a comprehensive examination that covers three math courses given for graduate credit.

The student is allowed to take the comprehensive examination up to two times. This exam is offered in April and November.

Minor

Actuarial Mathematics Minor

Minor Requirements

An undergraduate minor in actuarial mathematics may be obtained by completing at least 18 credit hours in mathematics including

- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 4801 - Actuarial Prob I - **Credits: 3**
- MATH 4802 - Actuarial Prob II - **Credits: 3**
- MATH 4803 - Financial Math I - **Credits: 3**
with a grade of C or better in each course.
At least nine credit hours must be taken at UNO.

Mathematics Minor

An undergraduate minor in mathematics may be obtained by completing at least 18 credit hours of mathematics courses at the 2000-level or higher with a grade of C or better in each course. Nine of the hours shall be at or above the 3000 level. At least nine credit hours must be taken at UNO.

Department of Physics

Accelerated Masters

Physics, Accelerated Masters (BS & MS)

The Accelerated Master's (AM) Degree offers the opportunity for outstanding students to begin earning credit toward a master's degree while still pursuing undergraduate studies. Our accelerated programs allow a student to complete a master's in less time and at a lower-than-average cost. The main feature of the program is that, while completing their undergraduate study, students may earn up to 12 semester hours of graduate credit that counts as dual credit for both the Bachelor of Science degree in Physics and the Master of Science degree in Physics.

Bachelor of Science

Physics, B.S.

Student Learning Outcomes

- Demonstrate knowledge and understanding of fundamental principles of physics including classical and quantum mechanics, electricity and magnetism, and thermodynamics.
- Demonstrate the ability to apply fundamental principles of physics in a variety of advanced topics such as condensed matter, materials science, signals analysis, optics, and computational physics.
- Demonstrate an ability to work effectively in a research environment, including the use of instrumentation and computer, experimental design, and analysis of results.
- Develop problem-solving skills using mathematical and computational tools as applied to the solution of physical problems.
- Collaborate effectively and productively in teams for research and applications of physics.
- Effectively communicate physics in both written and oral form.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 2114 - Calculus I - **Credits: 4**³
- MATH 2124 - Calculus II - **Credits: 4**³

Science

- BIOS **Credits: 3**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**⁵
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**⁵

Humanities

- Humanities Electives **Credits: 6**²
- Literature **Credits: 3**²

Social Sciences

- Social Sciences Electives **Credits: 6**²

Arts

- Arts Elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**

- CSCI 1581 - Software Design Lab I - **Credits: 1**
- CSCI 1583 - Software Design and Development I - **Credits: 3**
OR

- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
- MATH Elective 3000+ level **Credits: 3**
OR
- PHYS 4201 - Introd Mathematical Physics - **Credits: 3**
OR
- PHYS 4205 - Applications Fourier Transform - **Credits: 3**
- Applied Science and Engineering Electives **Credits: 12**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- Electives **Credits: 16**

Total Credit Hours: 51

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Course Requirements for Major

- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**⁵
- PHYS 3064 - Modern Physics - **Credits: 3**
- Physics Undergraduate Research **Credits: 3**⁶
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4211 - Intro to Computational Physics - **Credits: 3**
- PHYS 4160 - Advanced Laboratory - **Credits: 3**
OR
- PHYS 4902 - Materials Science Laboratory - **Credits: 3**
- PHYS 4401 - Quantum Mechanics I - **Credits: 3**
- PHYS 4601 - Thermodynamics & Stat Mechancs - **Credits: 3**
- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
- Approved PHYS 3000+ level Electives **Credits: 3**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required.
- Check General Education Courses to confirm courses fulfilling this requirement.
- 6 credits of Math satisfy the general education requirements.
- Includes 2 credits of Math listed in general education requirements section.
- PHYS 1031, PHYS 1032, PHYS 1033, and PHYS 1034 may be substituted with consent of the department.
- Research may be any combination of PHYS 3094, PHYS 2191, PHYS 3191, or PHYS 4191 to a total three credit hours.

Additional Requirement

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

Four Year Plan of Study

First Year of Enrollment

First Term

- Required for all first-time full-time students.
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- UNIV 1001 - University Success - **Credits: 1**¹
- Social Science Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
OR
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
OR
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
OR
- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
- MATH 2134 - Calculus III - **Credits: 4**
- CSCI 1205 - Intro to Programming in C++ - **Credits: 3**
OR
- CSCI 1581 - Software Design Lab I - **Credits: 1**
OR
- CSCI 1583 - Software Design and Development I - **Credits: 3**
- Social Science Elective **Credits: 3**

Total Credit Hours: 14

Second Term

- PHYS 3064 - Modern Physics - **Credits: 3**
- Humanities Elective **Credits: 3**
- MATH 2221 - Elem Differential Equations - **Credits: 3**
- BIOS **Credits: 3**
- ENGL Literature **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4601 - Thermodynamics & Stat Mechancs - **Credits: 3**
- MATH or Mathematical Physics **Credits: 3**
- Humanities Electives **Credits: 3**
- General Electives **Credits: 3**

Total Credit Hours: 15

Second Term

- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
- PHYS 4160 - Advanced Laboratory - **Credits: 3**
- PHYS 3000+ level elective **Credits: 3**
- Arts **Credits: 3**
- General Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PHYS 4401 - Quantum Mechanics I - **Credits: 3**
- Approved Science/Engineering Elective **Credits: 3**
- PHYS 3094 - Undergraduate Research - **Credits: 1 - 3 (Variable)**
- PHYS 3000+ level elective **Credits: 3**
- General elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Approved Science/Engineering Elective **Credits: 3**
- Approved Science/Engineering Elective **Credits: 3**
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**
- General Electives **Credits: 9**

Total Credit Hours: 16

Total Credit Hours Required: 120

Physics as a Career

Students wishing to pursue graduate school in physics should take additional physics courses including

- PHYS 4302 - Classical Mechanics II - **Credits: 3**
- PHYS 4402 - Quantum Mechanics II - **Credits: 3**
- PHYS 4503 - Electricity & Magnetism - **Credits: 3**
and 6 approved physics electives at the 4000 level.

Combining Physics with a Second Discipline

As a foundational science, physics combines well with many other subjects. The curriculum has the flexibility to allow a Minor in disciplines such as Education, Philosophy, Music, Math, Earth and Environmental Sciences, Electrical Engineering, Computer Science and other areas. Students may also choose to pursue a foundation in other areas that do not offer minors. Examples are: Pre-Med: add 5 hrs of Biology, 8 hours of organic Chemistry, 3 hours of Biochemistry, and 3 hours of Statistics to meet minimum med school requirements (see pre-med section of Biology for details). Other possibilities include Civil Engineering, Mechanical Engineering, Earth and Environmental Science (Geophysics), and other fields tailored to the student's interests.

Master of Science

Applied Physics, M.S.

The Physics Department offers the MS degree in Applied Physics. The program is flexible enough to accommodate students planning on continuing graduate studies in applied physics, physics, or an interdisciplinary field, as well as students intending to enter the work force.

The department currently has strong research programs in theoretical and computational aspects of acoustics, geophysics, electromagnetics, continuum mechanics, and astrophysics. Excellent experimental research activities are being conducted in condensed matter and materials physics, magnetism, spintronics, surface physics, and observational astronomy.

The department also participates in the Doctor of Philosophy in Engineering and Applied Science program. Interested students should refer to the beginning of this Graduate Programs in Sciences section for a description of the program, admission criteria, and curricular requirements.

Student Learning Outcomes

- Students will be able to apply advanced concepts in electrodynamics, classical mechanics, thermodynamics, and mathematical methods to real-world research problems.
- Students will be able to communicate scientific research results and related physics concepts in oral and written form.
- Student will be able to independently design and conduct experimental and/or computational physics research projects including data acquisition, computer

simulations and analysis.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants should have undergraduate coursework in general chemistry, mathematics through differential equations, and classical physics. Strong applications have an education record with a high level of performance and promise, particularly in the field of physics. Applicants must submit valid GRE scores.

Degree Requirements

Entering students can choose to follow a targeted applied physics emphasis or a traditional applied physics emphasis for their degree. Students who choose a targeted emphasis are those preparing for a career which targets specific areas of applied physics such as materials science, optics, acoustics, or geophysics, and those planning to work in interdisciplinary areas such as computational physics (scientific computing), biophysics, chemical physics, physical oceanography, or engineering physics. This emphasis selection provides excellent preparation for interdisciplinary doctoral studies. Entering students choosing this emphasis are not necessarily expected to have completed all the courses that an undergraduate physics major takes, but they should have a good grounding in classical physics or be willing to make up deficiencies. Additional classical physics courses are expected to form part of the degree program. The student may choose to do 24 hours of coursework and a thesis, or 33 hours of coursework and no thesis. The graduate work must include at least 18 hours of physics (including thesis if a thesis is done) and 9 hours in a specialty area (which may be applied physics). At least 18 hours of work must be at a level of 6000 or above. The program of study must be approved by the student's Master's committee or the Department Graduate Advisory Committee.

The traditional emphasis is for those preparing for a career in which basic physics plays a central role, including those aspiring to employment heavily dependent on physics and those planning to continue into a Doctor of Philosophy program in applied physics or in physics. Except in limited unusual circumstances, the student is expected to do a thesis and 24 hours of course work. Of the 24 credit hours of coursework students selecting this emphasis are expected to take a minimum of 18 hours in physics of which at least 12 are taken in courses numbered above 6000. The program of study must be approved by the student's Master's committee or the Department Graduate Advisory Committee.

Each graduate student is expected to participate in the weekly seminar, PHYS 6198. (A maximum of one hour credit in PHYS 6198 may be used to satisfy program requirements.) After coursework is substantially complete, the candidate will be required to take a comprehensive examination. In the case of students who elect to do a thesis, the comprehensive examination will be an oral one in which the questions will be primarily on the thesis and related matters. Both emphasis choices offer excellent preparation for the interdisciplinary UNO Doctor of Philosophy program in Engineering and Applied Science, of which Physics is a strong participating department.

Financial Aid

Teaching assistantships are available to a limited number of qualified applicants. Research assistantships and fellowships supported by grant funds of individual faculty members are also available.

Minor

Physics Minor

An undergraduate minor in physics may be obtained by completing 18 credit hours in physics with a grade of C or better in each course.

Minor Requirements

These 18 credit hours will consist of

- PHYS 1061 - Physics Sci Engr I - **Credits: 3**
- PHYS 1062 - Physics Sci Engr II - **Credits: 3**
- PHYS 1063 - Physics Lab for Science & Engr - **Credits: 1**

- PHYS 1065 - Physics Lab for Science & Engr - **Credits: 1**
OR
- PHYS 1031 - General Physics I - **Credits: 3**
OR
- PHYS 1032 - General Physics II - **Credits: 3**
OR
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
OR
- PHYS 1034 - General Physics Laboratory - **Credits: 1**
- PHYS 3064 - Modern Physics - **Credits: 3**
- PHYS 3198 - Undergraduate Seminar - **Credits: 1**

- PHYS 3301 - Classical Mechanics I - **Credits: 3**
- PHYS 4501 - Electricity & Magnetism - **Credits: 3**
or departmentally-approved alternatives.
The last nine hours must be taken at UNO.

Department of Psychology

Curriculum

The Psychology Department offers a Bachelor of Science in Psychology. Students must complete 30 hours with a grade of C or better in each course in their major; at least 15 of these hours must be earned at UNO. In addition, a grade of C or better is required in ENGL 1158 and each science and math course taken for degree credit.

Bachelor of Science

Psychology, B.S.

Student Learning Outcomes

- Students will describe key concepts, principles, and overarching themes in psychology.
- Students will develop a working knowledge of psychology's content domains.
- Students will describe applications of psychology.
- Students will use scientific reasoning to interpret psychological phenomena.
- Students will demonstrate psychology information literacy.
- Students will engage in innovative and integrative thinking and problem solving.
- Students will interpret, design, and conduct basic psychological research.
- Students will incorporate sociocultural factors in scientific inquiry.
- Students will have developed ethically and socially responsible behaviors for professional and personal settings in a landscape that involves increasing diversity.
- Students will demonstrate competence in writing and in oral and interpersonal communication skills.
- Students will apply psychology-specific content and skills, effective self-reflection, project management skills, teamwork skills, and career preparation to develop meaningful professional direction for life after graduation.

Curriculum in Psychology

The Psychology Department offers a Bachelor of Science in Psychology. Students must complete 30 hours with a grade of C or better in each course in their major; at least 15 of these hours must be earned at UNO. In addition, a grade of C or better is required in ENGL 1158 and each science and math course taken for degree credit.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**^{1,4}

Science

- BIOS **Credits: 3**²
- BIOS or Physical Science **Credits: 6**²

Humanities

- FORL Sequence **Credits: 3**⁶
- Literature **Credits: 3**³

Social Sciences

- Social Science Electives **Credits: 6**³

Arts

- Arts Elective **Credits: 3**³

Total Credit Hours: 39

Other Requirements

- CSCI 1000 - Introduction to Computers - **Credits: 3**
- Humanities Elective **Credits: 3**⁵
- Literature **Credits: 3**
- Science Labs **Credits: 2**⁷
- Science Electives **Credits: 6**
- Social Science Electives (2000+) **Credits: 6**⁶
- PSYC Electives **Credits: 9**⁸
- Free Electives **Credits: 19**

Total Credit Hours: 51

Course Requirements for Major

- PSYC 1000 - General Psychology - **Credits: 3**
- PSYC 2500 - Data Analysis in Psychology - **Credits: 3**
- PSYC 3300 - Research Methods and Statistic - **Credits: 3**
- Psychology Foundational Courses **Credits: 9**⁹
- Required Psychology Electives **Credits: 12**¹⁰
- PSYC 4000 - Psychology Comprehensive Exam - **Credits: 0**

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS and the other must be CHEM, EES, or PHYS. Select the 6 hour sequence from BIOS 1073 and BIOS 1083 (recommended), or CHEM 1017 and CHEM 1018, or PHYS 1031 and PHYS 1032, or PHYS 1061 and PHYS 1062.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Credit is not allowed in both MATH 2314 and PSYC 2310.
- Humanities Electives - FTA, ENGL, Foreign Language, HIST, PHIL, or WGS.
- Social Science classes may include PSYC.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or PHYS 1033 and PHYS 1034, or PHYS 1063 and PHYS 1065.
- Elective hours of Psychology may be chosen from any course in PSYC not counted in the Major Requirements (including but not limited to PSYC 1520, PSYC 2091, PSYC 3090, PSYC 3095, PSYC 3099, PSYC 4091).
- Foundational courses must be chosen from PSYC 2100, PSYC 2340, PSYC 2380, PSYC 2400, and PSYC 3320. At least one course must be at the 3000

level.

- Required hours of Psychology must include three courses (9cr) must be at the 3000 level or above.

Additional Requirements

Minimum Grade of C in all psychology courses and MATH 2314.

Four Year Plan of Study

First Year of Enrollment

First Term

- UNIV 1001 - University Success - **Credits: 1**¹
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Foreign Language 1001 **Credits: 3**
- Social Science Elective **Credits: 3**²
- PSYC 1000 - General Psychology - **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**³
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**⁴
- Foreign Language 1002 **Credits: 3**
- PSYC 2500 - Data Analysis in Psychology - **Credits: 3**
- 2000 Level Required Psychology **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- PSYC 3300 - Research Methods and Statistic - **Credits: 3**⁵
- PSYC 2000 - Foundations **Credits: 5**³
- Social Science Elective **Credits: 3**
- Arts⁵ or Humanities Elective⁷ **Credits: 3**
- Science Sequence (Lecture & Lab) **Credits: 4**^{6,8}

Total Credit Hours: 16

Second Term

- 2000 Level Psychology **Credits: 3**
- Social Science Elective - 2000+Level **Credits: 3**²
- Arts⁶ or Humanities Elective⁷ **Credits: 3**
- Literature **Credits: 3**
- Science Sequence (Lecture & Lab) **Credits: 4**^{6,8}

Total Credit Hours: 16

Third Year of Enrollment

First Term

- PSYC 3000 - Foundations **Credits: 3**⁵
- Social Science Elective 2000 level + **Credits: 3**²
- CSCI 1000 - Introduction to Computers - **Credits: 3**
- BIOS (or other Science) **Credits: 3**⁶
- Arts Elective **Credits: 3**⁴

Total Credit Hours: 15

Second Term

- PSYC 3000 level+ **Credits: 3**¹⁰
- Psychology Elective **Credits: 3**
- Science Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- PSYC 4000 level elective **Credits: 3**¹⁰
- PSYC 3000+ elective **Credits: 3**¹⁰
- Science Elective **Credits: 3**
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- PSYC 4000 - Psychology Comprehensive Exam - **Credits: 0**
- PSYC 3000+ elective **Credits: 3**¹⁰
- PSYC 3000+ elective **Credits: 3**¹⁰
- Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- May include Psychology.
- C" or better is required.
- Credit is not allowed in both MATH 2314 and PSYC 2310
- Required hours of Psychology must include three courses, meeting the following criteria: at least two courses must be at the 2000 level and one course must be at the 3000 level.
- Check General Education Courses to confirm what courses fulfill this requirement.
- Humanities electives - FTA, ENGL, Foreign Language, HIS, PHIL, or WGS.
- 9 hours in science to include a 6 hour sequence in one science and 3 hours in another. One of the sciences must be BIOS (3 credits) and the other must be CHEM, EES, or PHYS (. Select the 6 hour sequence from BIOS 1073 and BIOS 1083 (recommended), or CHEM 1017 and CHEM 1018, or PHYS 1031 or PHYS 1032, or PHYS 1061 and PHYS 1062.
- Select science labs that correspond with the 6 hour science sequence taken for general education requirements. Select from BIOS 1071 and BIOS 1081, or CHEM 1007 and CHEM 1008, or PHYS 1033 and PHYS 1034, or PHYS 1063 and PHYS 1065.
- Elective hours of Psychology may be chosen from any course in PSYC not counted in the Major Requirements (including but not limited to PSYC 1520, PSYC 2091, PSYC 3090, PSYC 3095, PSYC 3099, PSYC 4091).

Doctor of Philosophy

Psychology, Ph.D.

Student Learning Outcomes

- Students who complete the PhD degree will demonstrate advanced knowledge in a specific subarea of psychological inquiry.
- Students who complete the PhD degree will demonstrate advanced skills and knowledge in writing about a specific area of psychological inquiry.
- Graduate students who complete the PhD degree will demonstrate the ability to communicate in depth psychological knowledge of a specific area of psychological science, develop and test hypotheses that advance current knowledge.

Admission

In addition to meeting the minimum standards for admission to the Graduate School, the department's recommendation for admission is based on the student's performance on the Graduate Record Examination, letters of recommendation, and on the student's academic performance. The department may recommend full or conditional admission. If admitted on a conditional basis, the applicant must fulfill the conditions imposed by the department.

Degree Requirements

After completion of the master's requirements, students must pass a Qualifying Examination in order to continue to work toward a doctoral degree. During the entire period of work toward the doctorate, a student's program of study is guided by a doctoral advisory committee. The full advisory committee consists of the major professor who acts as chairperson, and at least three other graduate faculty members of the department. At least two members (including the chairperson) must be full-time members of the department, and at least one member must be a full member of the UNO graduate faculty. The committee is nominated by the chair of the department and is appointed by the Dean of the College.

The student's doctoral program of study must meet the following standards, which includes a minimum of 30 credit hours beyond those required by the Master of Science degree.

Doctoral Core Courses:

- PSYC 6820 - Psychophysiology - **Credits: 3**
- PSYC 6895 - Adv Sem Appl Biopsychology - **Credits: 3**

Applied Developmental Students Must Take

- PSYC 6195 - Adv Sem Appl Devel Psychology - **Credits: 3**
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**
- PSYC 6801 - Fund Appl Biopsychology I - **Credits: 3**
The advanced seminar, PSYC 6195, must focus on advanced methods in developmental research.

The Advanced Seminar

- PSYC 6195 - Adv Sem Appl Devel Psychology - **Credits: 3**

Electives:

Developmental students are required to take six hours of elective coursework and Biopsychology students are required to take nine hours of elective coursework. The electives must be chosen from content courses; research and practicum beyond the minimum cannot be used as electives.

Research:

In addition to the dissertation requirements outlined below, all students are required to take six hours of independent research, PSYC 6090. Also, students must register for at least three hours of research credit every semester they are not registered for dissertation hours (excluding summers).

Practicum:

Six hours of practicum are required for all students (PSYC 6191 or PSYC 6891). The purpose of the practicum is to give students first-hand experience in an applied setting. The emphasis is on the application of experimentally-derived principles within the context of a service-delivery system. The practicum

experience is arranged to provide an opportunity for students to begin to develop and practice a variety of skills in their areas of specialization.

Qualifying General Examination:

All students must pass a Qualifying General Examination which is administered when the student's coursework is substantially completed. The General Examination consists of the student writing and orally defending a literature review of the research area relevant to the proposed dissertation topic. The literature review and defense must demonstrate competence in the student's minor and applied areas. The exam will be conducted by the student's Doctoral Advisory Committee.

Dissertation and Final Defense:

All students must complete a dissertation and register for a minimum of six hours of PSYC 7050. The student must be registered for dissertation research each semester he or she is working on it until the final examination is passed. The dissertation must demonstrate a mastery of research techniques, ability to do original and independent research, and skill in formulating conclusions that in some way enlarge upon or modify the existing knowledge base in psychology. The final examination is the oral defense of the dissertation. The final examination committee is appointed by the Graduate School. In most cases it will consist of the student's doctoral advisory committee, although the additional members may be added.

Internship:

A student may elect to take an internship and the student must be registered for PSYC 7191 or PSYC 7891 throughout the internship (minimum of six hours). It must involve the equivalent of 12 months of supervised full-time experience. It must be supervised by a licensed psychologist. To qualify as an internship, a minimum of 1,500 hours at the site must be completed within 24 months and it must be approved by the department. The internship is an intensive, advanced, supervised experience required to be a practicing psychologist. To be eligible for an internship, the student must have completed all coursework and passed the General Examination. Only the dissertation may remain.

Minimum Grades:

A student who earns a C or lower in a core (either general or specialty) or who drops a core course while earning lower than a B will be dropped from the program. If a student receives a C or less in a non-core course, that course must be repeated in order to earn graduate credit. All students must maintain at least a B average in all courses in order to remain in the psychology graduate program.

Additional Reasons for Dismissal:

A student is expected to make normal progress toward the degree to remain in the program and must be registered as a full-time student each semester in the program. A student may be dropped from the program if, in a semi-annual evaluation, the faculty determines that the student does not meet the standards of a Doctor of Philosophy candidate.

Master of Science

Psychology, M.S.

The overall training goal of the department's graduate program is to produce well-trained applied scientists who, depending on their career goals, are capable of assisting clinical psychologists and working as a mental health professional.

Student Learning Outcomes:

- Graduate students who complete the MS degree will demonstrate competence in the empirical literature on the social, cognitive and affective basis of the science of psychology.
- Graduate students who complete the MS degree will demonstrate competence in the empirical literature on individual differences and the biological basis of the science of psychology.
- Graduate students who complete the MS degree will develop the ability to communicate psychological knowledge, develop and test hypotheses that advance or support current knowledge.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

the department's recommendation for admission is based on the student's performance on the Graduate Record Examination, letters of recommendation, and on the student's academic performance. The department may recommend full or conditional admission. If admitted on a conditional basis, the applicant must fulfill the conditions imposed by the department.

Degree Requirements

A minimum of 30 credit hours is necessary for the Master of Science degree, although some students may be required to take additional hours to remedy undergraduate training deficiencies or in order to meet particular career goals. Students may complete the M.S. while in progress toward the Ph.D. at UNO or as a terminal degree.

General Core:

Core courses are required for all graduate students. They include

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6050 - Sem in Professional Problems - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1** (two credit hours)
- PSYC 6350 - Advanced Learning - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**

Specialty Core

Each specialization or concentration requires the following as core:

Applied Developmental Psychology with Ph.D. Objective:

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
- PSYC 6101 - Fund Appl Dev Psychology I - **Credits: 3**
OR
- PSYC 6102 - Fund Appl Dev Psychology II - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1**
- PSYC 6610 - Measurement of Intelligence - **Credits: 3**
OR
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**

Applied Biopsychology with a Ph.D. Objective:

- PSYC 6311 - Advanced Statistics I - **Credits: 3**
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
- PSYC 6091 - Seminar - **Credits: 1**
- PSYC 6801 - Fund Appl Biopsychology I - **Credits: 3**
- PSYC 6802 - Fund Appl Biopsychology II - **Credits: 3**
OR
- PSYC 6810 - Psychopharmacology - **Credits: 3**

Non-thesis Applied M.S. Objective:

- PSYC 6610 - Measurement of Intelligence - **Credits: 3**
OR
- PSYC 6620 - Dev Assessmnt Psychopathology - **Credits: 3**
- PSYC 6550 - Psychopathology - **Credits: 3**
OR
- PSYC 5530 - Psychopathology - **Credits: 3**
- PSYC 5310 - Intermediate Stats Behavioral - **Credits: 3**
OR
- PSYC 6311 - Advanced Statistics I - **Credits: 3**
OR
- PSYC 6312 - Advanced Statistics II - **Credits: 3**
- PSYC electives at the 5000 level or higher **Credits: 9**

Complete a Minimum of Six Hours of Credit

Students pursuing the Ph.D. are required to complete a minimum of six hours of credit in PSYC 6090. Enrollment in PSYC 6090 is required each regular semester when not enrolled in PSYC 7000.

Minimum Grades:

A student who receives a C or lower in a core course (general or specialty) or who drops a core course while earning lower than a B will be dropped from the program. If a student receives a C or less in a non-core course, that course must be repeated in order to earn graduate credit. All students must maintain a B average for all courses in order to remain in the psychology graduate program.

A Minimum of Six Credit Hours

Students pursuing the Ph.D. are required to complete a thesis based on her or his own original research that clearly demonstrates ability to identify significant problems, design and conduct scientific studies, and report findings in an appropriate fashion. The thesis research must be of publishable quality. A minimum of six credit hours of thesis research, PSYC 7000, is required, although the student must be registered for thesis research each semester he or she is working on it until it is accepted by the thesis committee. An oral defense of the thesis is required.

Complete Two Sections of Practicum

- PSYC 6191 - Practicum Develop Psychology - Credits: 3 - 6 (Variable)

Financial Aid

A limited number of teaching assistantships are available to qualified students. Research and service assistantships supported by faculty grants or contracts are also available.

Minor

Psychology Minor

Minor Requirements

For an undergraduate minor in psychology, a minimum of 18 credit hours is required, including Psychology 1000 and at least three 3000-4000-level courses (nine hours). For a student transferring from another university, at least nine of the 18 hours must be earned at UNO. A student may not use credit in both PSYC 1500 and PSYC 1520 toward the minor. A grade of C or better in psychology courses must be achieved in order to have the minor listed on the student transcript.

Pre-Professional Studies

Pre-Medical and Pre-Dental Programs

A student who is interested in medicine or dentistry as a profession should select a degree program which will adequately prepare him or her for entry into professional school yet provide ample opportunity to pursue additional interests in varied academic disciplines. Most schools stress a four-year degree program as the best possible preparation. A student may major in the subject of his or her choice; however, the student and the advisor must be sure the major program selected either includes those courses required by the medical or dental school or offers sufficient free electives to include 50 or 60 hours of science. The pre-medical/ pre-dental advisor in the College of Sciences should be consulted as soon as possible after the student enters the University, and such consultation is encouraged on a regular basis thereafter. Additional information about the pre-medical and pre-dental curricula may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Pharmacy

UNO offers coursework to prepare a student to apply for admission to the College of Pharmacy and Health Sciences at the University of Louisiana at Monroe. Approximately two years of college work in specified areas is required to be eligible for admission. A student interested in pharmacy should consult with the pre-pharmacy advisor during his or her first semester at UNO. Additional information about the pre-pharmacy curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Veterinary Medicine

UNO offers coursework to prepare a student to apply for admission to the LSU School of Veterinary Medicine. To be eligible for admission, a student must complete a minimum of 66 credit hours of specified college work. A student interested in veterinary medicine should consult with the pre-veterinary advisor during his or her first semester at UNO. Additional information about the pre-veterinary medicine curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Allied Health Programs

A student planning to enter any of the following programs should contact the appropriate institution during his or her first semester at UNO for detailed information concerning admission. A list of the addresses of these institutions is available in the office of the College of Sciences (1100 Science Building). All programs involve competitive admission and each division or school determines its own requirements. Since admission requirements for these programs change frequently, students should obtain updated advising checklists from the College of Sciences office. Upon completion of the degree requirements for any of these programs, the institution itself, not UNO, awards the degree.

Pre-Cardiopulmonary Science

(Respiratory Therapy/Cardiovascular Technology)

This program is designed for students desiring to apply for entry into the professional curricula in Cardiopulmonary Science (Respiratory Therapy/Cardiovascular Technology) offered through the LSU Health Sciences Center. The degree program provides education and training in the areas of prevention, diagnosis, management, and rehabilitation of people with heart and lung disorders. In addition, the baccalaureate therapist and technologist is a potential educator or supervisor in cardiopulmonary departments. Additional information about the pre-cardiopulmonary science curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Clinical Laboratory Sciences

UNO offers the prerequisite courses designed to prepare students for admission to the Department of Clinical Laboratory Sciences, LSU Health Sciences Center. Admission is on a competitive basis. Students who successfully complete all requirements will earn a Bachelor of Science in Medical Technology awarded by the Louisiana State University Health Sciences Center. Additional information about the pre-clinical laboratory sciences curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Occupational Therapy

UNO offers the prerequisite courses designed to prepare the student for admission into the Master of Occupational Therapy (MOT) degree program, Department of Occupational Therapy, School of Allied Health Professions, LSU Health Sciences Center. To be eligible for admission, the student must complete a bachelor's degree (in any field) and must have met the prerequisites specified by the LSUHSC School of Allied Health Professions. Additional information about the pre-occupational therapy curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Physical Therapy

UNO offers the prerequisite courses designed to prepare the student to apply for admission to the Doctor of Physical Therapy Degree offered by the Department of Physical Therapy, School of Allied Health Professions, LSU Health Sciences Center. To be eligible for admission, the student must have earned a Bachelor's Degree (in any field of the student's choosing) and must have completed the prerequisites for the program specified by the LSUHSC School of Allied Health Professions. Additional information about the pre-physical therapy curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Physician Assistant Studies

This program is designed to prepare the student for entry into the Master of Physician Assistant Studies (MPAS) program offered through the LSU Health Sciences Center on either the New Orleans or Shreveport campus. To be eligible for admission, the student must have earned a Bachelor's Degree (in any field) and must have completed the prerequisites for the program specified by the LSUHSC School of Allied Health Professions. Additional information about the pre-physician assistant curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Allied Dental Fields

Allied dental fields include Dental Hygiene and Dental Laboratory Technology. A student planning to enter either of these two programs should contact the Office of Student Affairs at the LSU School of Dentistry during his or her first semester at UNO for detailed information about the programs including admission requirements. Both programs involve competitive admission with each program determining its own admission requirements. Upon completion of the degree requirements for either of the programs, the institution itself, not UNO, awards the degree. Additional information about the pre-allied dental fields may be obtained in the office of the College of Sciences (1100 Science Building).

Pre-Nursing

UNO cooperates with the Louisiana State University Health Sciences Center (LSUHSC) School of Nursing by offering the general education courses required for the traditional baccalaureate degree program, which is designed to educate the professional nurse. Admission to the LSUHSC School of Nursing is on a competitive basis. Students who successfully complete all requirements will earn a Bachelor of Science in Nursing awarded by the LSUHSC School of Nursing. Additional information about the pre-nursing curriculum may be obtained in the office of the College of Sciences (1100 Science Building).

General Graduate Program Requirements

- Master's Degree
- Doctor of Philosophy Degree

Master's Degree

Course Requirements

The minimum requirement for a master's degree at the University of New Orleans is 30 semester hours of graduate work, including no more than six hours allowed for research and writing of a thesis. Many degree programs require more than the minimum and students should check the program description for requirements. Graduate credit is awarded for courses numbered 5000-level and above. As a minimum, a student must earn at least half of the required semester hours of work (including not over six hours of thesis credit) in courses numbered 6000 or above. Some departments require more than these minimum standards.

Independent Study

No more than 20% of the total hours required for a degree may be satisfied by coursework completed as independent study. Research conducted towards an independent study course should be distinct from research conducted towards completion of a master's thesis.

Time Limit

Programs for master's degrees must be completed within six years. A student may request an extension beyond the time limit with approval from the program and the Director of Graduate School. Courses over fifteen years old will not normally be considered for an exception. A Request for Extension of the time limit form along with a statement of support from the degree program must be submitted to the Graduate School.

Admission to Candidacy

Admission to the Graduate School does not imply admission of a student to candidacy for a master's degree. Admission to candidacy is contingent upon the recommendation of the student's program and approval by the Graduate School, after meeting the formal requirements below.

A student will be admitted to candidacy for a master's degree only after having attained unconditional graduate standing, completed at least 12 semester hours of work with a B average or better and a B average or better overall at the University of New Orleans, and received approval of the student's major department for such admission. Formal application of a Plan of Study must be filed in the Graduate School Office not later than a date announced in the calendar. Acceptance of the Plan of Study rests with the major professor and the Graduate School. The Plan of Study includes the coursework required to complete the degree. The graduate student must adhere to the program outlined on the Plan of Study. Any changes must be approved by the department and by the Graduate School in writing.

Foreign Language Requirement

Some departments require a reading knowledge of at least one foreign language (classical or modern) for the master's degree. Students should discuss this matter with their major professor as early as possible.

Thesis

In most departments the preparation of a thesis is an important element in the program leading toward the master's degree. A master's thesis should demonstrate capacity for research, originality of thought, and competency in organization. It must be acceptable in subject matter and exhibit proficiency in composition. Instructions on preparation of the thesis may be obtained from the Graduate School website (grad.uno.edu).

Final acceptance of a master's thesis rests with a special committee of three or more members who are nominated by the chair of the department in which major work is taken and are appointed by the Graduate School. The major professor is designated chair of this committee. One member ordinarily represents a minor field. The results of the examination will be submitted to the Graduate School along with student and committee verification of copyright agreement, manuscript access level and Human and Animal Subject committee compliance.

Upon committee approval, the thesis is to be submitted to the Graduate School for approval of the format and publication in the University's institutional repository.

Comprehensive and Final Examinations

After a candidate's course work is at least substantially complete, the candidate will be required to pass a comprehensive examination. This exam may consist of

- A written and/or oral examination based on the content of the degree program;
- A thesis and final oral defense;
- A "capstone" course requiring interpretation and integration of information from previous courses;
- A research paper, a "policy and practice" paper, or equivalent experience;
- A public performance or exhibition along with a contextualizing paper; and/or
- A practicum or internship.

If the comprehensive exam requirement is met with option 1 and/or 2 (above) then the examining committee for comprehensive examinations must consist of at least three members of the graduate faculty appointed by the Graduate School. The candidate for degree must be physically present at the examination. In the case of extreme and unusual hardship the examining committee may make alternative arrangements.

Doctor of Philosophy Degree

The Doctor of Philosophy (Ph.D.) is the highest degree offered by the University of New Orleans. It is conferred only for work of distinction in which the student displays power of original scholarship and only in recognition of achievement and marked ability.

The degree is not awarded solely on the basis of study, extending over any prescribed period of time. Nothing in the following summary of minimum standards should be construed to imply that the degree will be granted merely in recognition of faithful performance of prescribed work. The basic requirements are twofold:

- To be admitted to candidacy an applicant must exhibit unmistakable evidence of penetrating mastery of a rather broad major field, which is ordinarily done in a general examination.
- A candidate must prove ability to complete a significant program of original research, which is done in a dissertation embodying creative scholarship and by passing a rigorous final examination. The dissertation must add to the sum of existing knowledge, and it must be presented with literary skill. The degree must be completed within six calendar years following admission to candidacy (upon completion of General Examination), or less, if specified by the individual college or program. Prior work applied to the degree (including transfer and locally-earned credits) must have been completed within nine calendar years immediately preceding the date on which the degree is conferred. An extension may be granted if approved by the Graduate School.

While the degree of Doctor of Philosophy cannot be earned simply by passing courses, the program of work prescribed ordinarily provides for a minimum of at least 60 semester hours beyond requirements for the baccalaureate degree. Although coursework requirements are concentrated in the student's major field, a certain amount of work is always required in one or two minor fields. All coursework programs require approval of the Graduate School. Graduate course work taken at another institution with grades of "A", "B", "P", "S", or equivalent is not subject to the policy on transfer of credit for the master's degree and may be included in the program of study, if approved by the program, the student's advisory committee, and the Graduate School.

Independent Study

No more than 20% of the total hours required for a degree may be satisfied by coursework completed as independent study. Research conducted towards an independent study course should be distinct from research conducted towards completion of a doctoral dissertation.

Residence Requirement

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence. The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

The purpose of residency is to provide the doctoral student with significant time for sustained contact with faculty members, an opportunity for research, and time to incorporate professional values into the graduate school experience.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee.

Qualifying Examination

Early in the student's program of graduate study the major department may evaluate the doctoral student for suitability to pursue the doctoral degree. Each graduate program has its own procedure for this evaluation, which may involve written or oral examinations, performance in coursework, or other means.

A student becomes an applicant for the doctorate after passing the Qualifying Examination, if one is required by the program, or at the end of the first year of enrollment in the doctoral program.

Language Examinations

Each doctoral program has specific requirements for proficiency in a foreign language or for the mastery of certain equivalent research skills. These requirements should be met as early as possible, in no case later than the application for the general examination. Consult with the graduate coordinator of the program for further information.

Advisory Committee

An applicant for the doctorate will develop a program of study with the advice and help of a dissertation committee. The committee composition will include at least three members from the major department or a related program. The department chair or designee appoints the committee after consultation with the student and his/her major professor. The Graduate School approves the composition of the committee and may appoint additional members. This committee will serve as the examination committee for the general examination.

General Examination

An applicant becomes eligible for the general examination after satisfying the language requirement, completing a substantial portion of the coursework, and demonstrating adequate academic and professional preparation for independent research. The general examination is ordinarily the most rigorous test in the entire program for the doctorate. The examination may be oral, written, or both according to the rules of the program. The structure and composition of the examining committee is at the discretion of the department or program. A comprehensive examination committee is comprised of at least three members, two of which must be members of graduate faculty at the University of New Orleans.

The content of the examination must be comprehensive enough to demonstrate expert competence over broad segments of the major field and evidence of deep and current knowledge in the student's chosen specialty as well as evidence of progress in research.

The general exam must be passed (unconditionally) prior to completion of 90% of the credit hours required for the program. Candidates may be required to take the examination an additional time to receive an unconditional pass. No candidate will be permitted a third examination.

In most cases the remainder of a student's time will involve concentrated work on the dissertation and preparation for the dissertation defense.

Candidacy

Doctoral candidacy involves formal notification to and certification by the Graduate School that a student has demonstrated superior learning and working capacities, has completed or very nearly completed all course work and other formal degree requirements, and has unconditionally passed the general examination. Students who have met all the requirements for candidacy must file for candidacy with the Graduate School via the Report on General Examination. The form is available from the Graduate School website (grad.uno.edu). Once the form is approved by the Graduate School, the student is recognized as a candidate for the doctorate.

Dissertation

The dissertation must demonstrate a mastery of research techniques, ability to do original and independent research, and skill in formulating conclusions that in some way enlarge upon or modify knowledge in their major field. The results must be presented in a scholarly and literate form. Research involving human or animal subjects must be approved by the Committees on Human and Animal Subjects and verification of approval must appear in the final version of the dissertation.

The form and style of the dissertation should follow the accepted practices of the major field concerned. Additional information about acceptable dissertation layout is available from the Graduate School (grad.uno.edu). After dissertation committee approval, the student must submit the dissertation to the Graduate School by the stated deadline for approval of the format and publication in the University's Institutional repository.

Doctoral students may provide the UMI Author Agreement Form to allow the student's abstract and title to appear in the Dissertation Abstract International Index.

Final Examination

The chair of the student's major department must file a request in the Graduate School for the final examination no later than two weeks prior to the examination date. The final examination application is submitted on a form available from the Graduate School website (grad.uno.edu). The final examination committee will be appointed by the Graduate School and will usually consist of the student's dissertation committee to which one or more additions may be made as representatives of the Graduate Faculty.

Although the final examination is traditionally conducted as an oral test which is concerned primarily with the dissertation and related problems, the content may be varied in any way the committee decides and may extend into subject matter related to major and minor fields even though well removed from topics suggested by the dissertation. The candidate for degree must be physically present at the defense of the manuscript. In the case of extreme and unusual hardship the examining committee may make alternative arrangements.

Certification

In order to pass the final examination, there must be no more than one negative vote on a committee with four or more members. The results of the examination, along with the student and committee verification of copyright agreement, manuscript access level, and Human and Animal Subject Committee compliance must be turned in to the Graduate School Office. The candidate will be certified to the University of Louisiana Board of Supervisors by the Graduate School as having fulfilled all requirements for the degree of Doctor of Philosophy.

Graduate Programs in Business Administration

Accounting, M.S.

Tax Accounting, M.S.

Business Administration, M.B.A.

Finance, M.S.

Financial Economics, Ph.D.

Health Care Management, M.S.

Hospitality and Tourism Management, M.S.

Engineering Management, M.S.E.M.

Graduate Programs in Education and Human Development

Teaching, M.A.T.

Curriculum and Instruction, M.Ed.

Counselor Education, M.Ed.

Counselor Education, Ph.D.

Higher Education Administration, M.Ed.

Educational Leadership, M.Ed.

Educational Administration, Ph.D.

Graduate Programs in Engineering

Engineering, M.S.E.

Coastal Engineering Graduate Certificate

Engineering Management, M.S.E.M.

Engineering and Applied Science, Ph.D.

Engineering and Applied Science, Ph.D.

Graduate Programs in Liberal Arts

Arts Administration, M.A.

English, M.A.

Creative Writing, M.F.A.

Film and Theatre, M.F.A.: Film Arts - Production concentration

Film and Theatre, Production Track, M.F.A.

Film and Theatre, Performance (Acting) Track, M.F.A.

Film and Theatre, Performance (Directing) Track, M.F.A.

Film and Theatre, Theatre Design Track, M.F.A.

Fine Arts, M.F.A.

History, M.A.

Music, M.M.

Public Administration, M.P.A.

Disaster Management and Community Resilience Graduate Certificate

Romance Languages, M.A.

Sociology, M.A.

Transportation, M.S.

Urban Studies, M.S.

Urban & Regional Planning, M.U.R.P.

Disaster Management & Community Resilience Graduate Certificate

Historic & Cultural Preservation Graduate Certificate

Geographic Information Systems Graduate Certificate

Urban Studies, Ph.D.

Graduate Programs in Sciences

Coastal Engineering Graduate Certificate

Engineering and Applied Science, Ph.D.

Integrative Biology, Ph.D.

Biological Sciences, M.S.

Chemistry, M.S.

Computer Science, M.S.

Data Analytics Graduate Certificate

Earth and Environmental Sciences, M.S.

Mathematics, M.S.

Applied Physics, M.S.

Psychology, M.S.

Psychology, Ph.D.

Interdisciplinary Studies

Interdisciplinary Studies, B.I.S.

Student Learning Outcomes

- Students will demonstrate an understanding of integrative learning as it relates to the attainment of educational and professional opportunities.
- Students will identify knowledge they have acquired from two or three disciplines.
- Interdisciplinary Studies majors learn how to integrate ideas across disciplines and incorporate distinct perspectives in their learning processes.

Degree Program

The Bachelor of Interdisciplinary Studies is a unique and rigorous degree program administered by the Office of Academic Affairs at The University of New Orleans. The program provides versatility for students seeking to design a coherent academic plan through the process of integrative learning. Integrative Learning refers to the process of combining and coordinating academic elements into a whole or aggregate. IDS students develop an Integrative Learning Plan (ILP) with the guidance and assistance of professional staff. The ILP will incorporate a minimum of two subject areas that clearly represent a focus for studies. Students develop a learning experience that helps meet individual and professional goals while balancing work and life responsibilities with educational opportunities.

Specific requirements for the degree are:

- General Education Requirements:
- English Composition - 6 hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
- Mathematics/Analytical Reasoning - 6 hours.
- Natural/Life/Physical Sciences - 9 hours, including a six hour sequence in one science and an additional three hour course in another. One of the sciences must be Biological Sciences and the other one must be Chemistry, Earth and Environmental Sciences, or Physics.
- Humanities - 9 hours to include:
 - 3 hours in Literature.
 - 6 additional hours to be taken from the Departments of Film and Theater; English; Foreign Languages; History; Philosophy; Women's and Gender Studies.
- Social/Behavioral Sciences - 6 hours from Anthropology, Economics, Geography, Political Science, Psychology, Sociology and/or Urban Studies.
- Fine Arts - 3 hours to be taken from the Fine Arts, Music, or theatre/dance/film-related courses in Film and Theater.
- IDS 1002 Making Connections: Introduction to Integrative Learning.
- IDS 2002 Introduction to Information Literacy and Scholarly Discourse.
- Integrative Learning Plan: Completion of an interdisciplinary component, representing a clearly defined focus of studies, with a minimum cumulative grade

point average of 2.00. The component will consist of at least two disciplines for a combined total of 36 hours. A minimum of 18 of the 36 hours must be completed with course work at the 3000-4999 level. At least half of the ILP (18-credit hours) to be completed after enrolling in the IDS program.

- IDS 4091 Interdisciplinary Studies Capstone Seminar must complete with C or better.
- Single-Subject Limitation: A maximum of 30 hours of course work in any one subject can be counted toward credit for the degree. For this purpose, all course work offered in business, education, and engineering will be regarded as a single subject.
- Completion of a minimum of 33 hours of courses numbered 3000 or above, with a minimum of 18 hours applied to the ILP.
- Completion of a minimum of 120 hours of course work in courses numbered 1000 and above, with a grade point average of 2.0 (C) or better.
- No more than one-half the semester hours required for the completion of the IDS degree may be transferred from a community college.
- The last 30 hours of coursework must be completed in degree residency while enrolled with Interdisciplinary Studies. All hours must apply toward the major.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
-
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics/Analytical Reasoning

- Mathematics/Analytical Reasoning **Credits: 3**
- Mathematics/Analytical Reasoning **Credits: 3**

Science

2

- BIOS **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

2

- ENGL Literature **Credits: 3**
- Humanities Elective **Credits: 6**

Social Sciences

2

- Social Sciences elective **Credits: 6**

Arts

2

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- ILP support, requisites or electives **Credits: 36**³

Total Credit Hours: 36

Course Requirements for Major

- IDS 1002 - Making Connections: Introduction to Integrative Learning - **Credits: 3**
- IDS 2002 - Information Literacy and Scholarly Discourse - **Credits: 3**
- IDS 4091 - Capstone Seminar - **Credits: 3**
- Integrative Learning Plan (ILP) **Credits: 36**⁴

Total Credit Hours: 42

Total Credit Hours Required: 120

- English Composition - 6 hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
- Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- ILP is unique integrated learning plan of personal and professional interest to student. ILP developed with advising and choice of electives and requisites.
- Unique 36 hour ILP of personal and professional interest to student containing a minimum of two disciplines with minimum of 18 hours in coursework numbered 3000 or above within the ILP.

Four Year Plan of Study

First Year of Enrollment

First Term

- Social Science **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**
- ENGL 1157 - English Composition - **Credits: 3**
-
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- OR
- MATH 1115 - Applied Algebra - **Credits: 3**
-
- Arts (FA, MUS, FTA) **Credits: 3**
- Humanities **Credits: 3**

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
-
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
-
- Social Science **Credits: 3**
- Humanities **Credits: 3**
- Natural Science **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL 2xxx (literature) **Credits: 3**
- Natural Science **Credits: 3**
- IDS 3001 - Intro to IDS - **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**

Total Credit Hours: 15

Second Term

- Natural Science **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**
- Elective/ILP requisite **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Elective/ILP requisite **Credits: 3**
- ILP @3000-4999 **Credits: 3**
- ILP @3000-4999 **Credits: 3**
- ILP @3000-4999 **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- ILP @ 3000-4999 Credits: 3
- ILP @ 3000-4999 Credits: 3
- ILP @ 3000-4999 Credits: 3
- ILP @ 3000-4999 Credits: 3
- Elective Credits: 3

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- ILP @ 3000-4999 Credits: 3
- ILP @ 3000-4999 Credits: 3
- ILP @ 3000-4999 Credits: 3
- Elective Credits: 3
- Elective Credits: 3

Total Credit Hours: 15

Second Term

- ILP @ 3000-4999 Credits: 3
- ILP @ 3000-4999 Credits: 3
- Elective @ 3000-4999 Credits: 3
- Elective Credits: 3
- IDS 4091 - Capstone Seminar - Credits: 3

Total Credit Hours: 15

Total Degree Hours: 121

Unique Integrative Learning Plan (ILP) is developed through advising with IDS staff. Electives and ILP requisites are selected to support the student's ILP, as well as their personal and professional interests.

Mission and Vision

The University of New Orleans: A Student-Centered, Urban Research University

Mission

The University of New Orleans is a comprehensive urban research university committed to providing educational excellence to a diverse undergraduate and graduate student body. The University is one of the region's foremost public resources, offering a variety of world-class, research-based programs, advancing shared knowledge and adding to the region's industry, culture and economy. The University of New Orleans, as a global community asset, serves national and international students and enhances the quality of life in New Orleans, the state, the nation, and the world, by participating in a broad array of research, service learning, cultural and academic activities.

Scope

The University of New Orleans, as an urban research university, offers a number of challenging and in-demand programs, many of which are uniquely linked to the rich and vibrant city of New Orleans. The University of New Orleans grants baccalaureate, master's and doctoral degrees in academic colleges, including but not limited to: business administration, education and human development, engineering, liberal arts, and sciences, as well as interdisciplinary studies.

Vision

The University of New Orleans will be recognized as one of the preeminent urban research institutions in the nation, noted for its commitment to excellence in teaching and in student success; its location in a culturally vibrant city; its innovative and relevant undergraduate, graduate, professional and research programs; and its role as a primary engine of social, economic, intellectual and cultural development in the New Orleans region and beyond.

School of Education

School of Education

Education has two academic departments: the Department of Curriculum, Instruction and Special Education and, the Department of Educational Leadership, Counseling, and Foundations. All departments offer a variety of graduate degree programs and undergraduate degrees. Core coursework (noted as EDUC) is offered to support the teacher education program. In addition to the departments, there are several research, innovation, and service units in the Education Departments. A complete listing of current funded programs is available at the college web site (www.uno.edu/colaehd).

The college also offers a non-teaching degree in Human Performance and Health Promotion. This undergraduate degree offers concentrations in Exercise Physiology and Health Promotion. Refer to college website for program of study information. (www.uno.edu/colaehd).

Teacher Education Program

Programs of Study

The College has teacher education programs at the undergraduate and graduate levels. The program of study for undergraduate teacher education degrees is designed to meet the requirements of the Board of Regents to earn an undergraduate degree and the requirements of the Louisiana Department of Education to earn teacher certification. Each course in the program of study meet two categories of requirements, one for degree requirements and one teacher certification requirements. Degree requirements are organized in three categories of coursework; general education, other requirements, and major requirements. Teacher certification requirements are organized in four categories of coursework: general education, knowledge of the learner and the learning environment, focus area, and methodology and teaching.

The following table provides an overview of each certification and degree option offered in teacher education. These programs are described below in this section of the catalog.

Early Childhood - Certification: Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621).

- Elementary Education, Certification in Grades 1-5, B.S.
- Secondary Teaching, English Concentration (Grades 6-12), B.S.
- Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach), B.S.
- Secondary Teaching, Mathematics Concentration (Grades 6-12), B.S.
- Secondary Teaching
- Secondary Teaching, Social Studies Concentration (Grades 6-12), B.S.
- Secondary Teaching, Biology Concentration (Grades 6-12), B.S.
- Secondary Teaching, Chemistry Concentration (Grades 6-12), B.S.
- Human Performance and Health Promotion, Exercise Physiology Concentration, B.S.

- Secondary Teaching, Earth Science Concentration (Grades 6-12), B.S.
- Human Performance and Health Promotion, Health Promotion Concentration, B.S.

In addition to initial certification programs, the College of Liberal Arts, Education and Human Development offers several advanced-level programs of study focused on the needs of teachers, school leadership personnel, counselors, community and health agency personnel. These programs are described on the college web site at www.uno.edu/colaehd.

The Teacher Education Program prepares teachers who will render high quality, professional service in preschool, elementary, secondary schools, and other educational settings. The College's programs are grounded in a performance-based curriculum model aligned with the unit's conceptual framework.

The teacher education program is dedicated to understanding and valuing diversity among faculty, staff, and students. The college utilizes the academic resources of the university and community schools to provide candidates with a broad general education and a concentrated content-area education. Professional preparation, together with the relationships of the study of education to other fields of knowledge, is the responsibility of the College of Liberal Arts, Education and Human Development.

The College of Liberal Arts, Education and Human Development administers all curricula designed for the preparation of teachers. Two programs are offered for initial teacher certification, one at the undergraduate level and one other at the graduate level. Graduate options include the Master of Arts in Teaching (M.A.T.).

Objectives of Teacher Education Programs

Candidates in teacher education programs at UNO are expected to:

- Develop a background of knowledge in general education and one or more academic content areas.
- Develop an awareness of teaching as a profession, which includes an understanding of how teachers promote individual student achievement, school improvement, school and district accountability, and long term professional development.
- Develop an awareness of the relationship between socio-cultural factors and the educative process, which includes developing the ability to communicate effectively with students, parents, other site-based professionals, and persons representing community agencies.
- Understand, identify, assess, and make plans to accommodate the individual student's emotional, social, physical, and intellectual needs.
- Demonstrate skills aligned with the Louisiana Compass Educator Support and Evaluation System, relevant Common Core State Standards (CCSS), Louisiana Teacher Preparation Competencies, national standards aligned with Specialty Professional Associations, and other curriculum reform initiatives in planning, implementing, and assessing instruction and its impact on student learning.
- Plan instruction that correlates with Louisiana State testing.
- Plan, deliver, and assess instruction that integrates a variety of electronic software applications and related technologies.
- Acquire and apply skills of classroom management and interpersonal relationships that enhance the educational environment and promote student learning.
- Demonstrate dispositions expected of effective educators as documented through field experience in school settings.

The University of New Orleans Teacher Education Program is designed using an inquiry-based conceptual framework to support the preparation of reflective practitioners. Information about the conceptual framework may be found on the college web site at www.uno.edu/coehd. Following are the key elements of the Teacher Education program of study.

- **Performance-based.** The program of study moves beyond simply aligning specific competencies with specific courses. Rather, it supports teacher candidates in the repeated use of competencies in different ways according to the changing demands of students and teaching environments. This model ensures that teachers can produce effective outcomes for their students and for the schools in which they teach.
- **Role-focused.** A performance based program focuses on teachers being competent in performing the multiple roles associated with effective teaching. These roles are aligned with state standards.
- **Thematic content.** The program of study is designed for key content related to teaching performance (e.g., assessment) to be addressed at multiple points rather than in singular courses.
- **Sequenced field activities.** Opportunity to practice targeted competencies in schools is critical to a performance based program. An effective program of study includes well-crafted field experiences that increase in demand and complexity as the candidate moves through the program.
- **Authentic evaluation.** The UNO teacher education program utilizes an electronic professional portfolio as the key tool for evaluating teacher effectiveness and content mastery. All teacher education candidates are required to purchase a Live Text account to support the development of an electronic portfolio. Information on Live Text may be found at www.uno.edu/colaehd under resources or at <https://www.livetext.com/>. Performance review takes place at distinct points during each program of study in order to identify both professional strengths and areas of need. Multiple perspectives are incorporated into the evaluation process.
- **Induction Support.** The portfolio format used in the teacher education program is designed to assist program graduates in aligning their work with state and national standards as required by their employing district during the induction period of service.

Undergraduate Teacher Education Pathway

Three grade-level certification options are offered at the undergraduate level: Early Childhood Certification: Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621). Elementary (Grades 1- 5), and Secondary (Grades 6-12) in a specific content area. Secondary content areas include: English, Mathematics, Social Studies, and Science (Biology, Chemistry, or Earth Science). An option is available for candidates in the elementary (grades 1-5) program to address certification requirements for both elementary as well as special education in mild/moderate disabilities for the same grade level. The Integrated to Merged program option requires candidates to complete a Residency I and II with both general and special education experiences and complete additional PRAXIS examinations (<https://www.ets.org/praxis>) and performance requirements for special education certification.

The undergraduate teacher education program of study is divided into three tiers, each associated with a specific block of coursework and set of related field

experiences. As the candidate moves from one tier to the next, the scope of the content and field work becomes more complex. Candidate progression from one tier to the next is dependent upon satisfaction of certain criteria, including satisfactory completion of required coursework, satisfactory completion of required field experiences, and meeting all candidate assessment requirements specified for that particular phase of the program of study. Throughout the program of study, candidates develop a professional portfolio that contains artifacts resulting from coursework and field activities. The candidate organizes the various artifacts as evidence that specific program competencies have been met. Thus, candidate performance is measured via course grades as well as authentic evidence that knowledge, skills, and dispositions related to effective education can be demonstrated in school and classroom settings.

Conditional Admission to and Retention in the Education Program (Change from Tier I to Tier II)

To be admitted to the Tier II of the Education program, a student must have met the following criteria:

- Sign Student Acknowledge Form
- Obtain a Curriculum Sheet with an authorized signature
- Pass Unit Assessment: Dispositions #1 EDUC 1010 (1-5)
- Pass Unit Assessment: Conceptual framework EDUC 2200 (1-5)
- Pass Unit Assessment: Dispositions #1 EDCI 2204 (6-12)
- Pass Unit Assessment: Conceptual framework EDCI 2204 (6-12)
- Achieve a **2.5 GPA/36 degree hours earned in the degree program**
- ENGL 1158 (Grade of "C" or higher)
- MATH 1000 level applicable to curriculum
- EDUC 2100
- Pass Praxis I, ACT (22 Composite Score) or SAT (Reading/Writing and Math) combined score of 1100.
- Submit a Teacher Education Application (see requirements for Residency I and II section of the catalog)
- Complete dispositions review with a satisfactory rating.
- Report required field experience hours in LiveText
- Complete individualized prescriptive plan if applicable.

All candidates in a program of study resulting in certification must also be admitted to a teacher education program (see requirements above). All candidates must submit official transcripts from each college and university attended. One transcript with all transfer credits is not acceptable. This is a requirement for all candidates pursuing initial certification.

Note: Minimum grade of "C" in all major coursework (refer to curriculum sheet for specifics)

The Teacher Education Review and Retention Committee reserves the right to review the candidate's total academic record, evidence of knowledge, skills, and dispositions and other qualifications as they relate to the candidate's potential as an effective teacher.

In view of its responsibility to the teaching profession, the College will continuously evaluate the qualifications of a candidate to determine his or her suitability to continue in a teacher education program.

Each candidate is held responsible for knowing degree requirements, for enrolling in courses that apply to his or her degree program, and for taking courses in the proper sequence to ensure orderly progression of work. Note: Independent study/substitution courses are approved only under extenuating circumstances.

Independent study/substitutions must be approved by the Assistant Dean prior to enrollment in the independent study/substitution course. Candidates will be allowed a maximum of 3 hours of independent study/substitution courses within the degree program.

The candidate is also held responsible for knowing University regulations regarding the standard of work required to continue at the University, as well as the regulations dealing with scholastic probation and enforced withdrawal. Please check University Regulations for further information.

Requirements for Field Experience

Teacher education candidates complete a variety of field activities as they progress through the program of study. The field activities provide opportunities for candidates to demonstrate skills associated with effective teaching in diverse school and classroom settings. Each of the three tiers in

the program requires a specific minimum number of field experience hours and completed field activities which must be reported. Residency I and II for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany.

Specific information on field experience requirements may be found at the college web site at www.uno.edu/colaehd.

Requirements for Residency I and II (Change from Tier II to Tier III)

This is the second to last semester of the degree program. Application for Residency I must be submitted to the Office of Field Experiences and Clinical Practice one semester prior to beginning the Residency I semester. Candidates expecting to register for Residency I in the fall semester must apply on or before January 31. Candidates expecting to register for Residency I in the spring semester must apply on or before August 31.

Candidates will only be permitted to enroll in Residency I and two other specified courses (refer to 4-year plan for courses applicable to certification area) during the Residency I semester. Candidates are permitted to schedule Residency I when they have met the following requirements:

- Completion of all courses in the certification and degree program except the last two semesters as indicated on the 4-year plan
- The attainment of senior standing in a Teacher Education Program in the College of Liberal Arts, Education and Human Development with a minimum overall grade point average of 2.5.
- Completion of all courses in professional education with a grade of "C" or higher. A minimum grade of "C" is required for all courses in the Elementary programs. Candidates in secondary education must complete all professional education courses with a grade of "C" or higher. Candidates in secondary education must also complete all courses in the major teaching field with a grade of "C" or higher and have a minimum of a 2.5 GPA in the content area in the major teaching field. Candidates must meet or exceed GPA requirements for their specific certification area.
- Pass Unit Assessment: Disposition #2.
- Pass Program Assessment.
- Approval of the Director of Field Experiences.
- Transfer candidates must have completed all TEP 3000 level course-work in residence at UNO.
- Complete individualized prescriptive plan if applicable
- Pass Praxis II Content Area and Principles of Learning and Teaching exams prior to Residency I. Must pass both exams by December 1 (previous Fall semester) if registered for Residency I in a spring semester and May 8 (previous Spring semester) if registered for Residency I in a fall semester.

Residency II

Residency II requirements

- Successful completion of Residency I.
 - Must enroll in course indicated on the 4-year plan applicable to area of certification
- NOTE: Refer to Residency Handbook for additional information regarding Residency I and II.

Requirements for Program Completion and Graduation

A candidate must meet all the requirements for a degree outlined in one catalog. A candidate who breaks enrollment (either voluntarily or by compulsion) for one year is subjected to the catalog in force at the time of re-entry.

Candidates pursuing degree programs that include Louisiana teacher certification should note that certification requirements are mandated by the Louisiana Board of Elementary and Secondary Education. When the State Board makes changes in certification requirements, the content of associated degree programs change accordingly. For this reason, candidates in the College of Liberal Arts, Education and Human Development are expected to maintain close communication about degree and certification requirements through a College Academic Advisor throughout their program of study. **Up to date curriculums may be found on the college web site** www.uno.edu/colaehd.

A candidate may graduate from the College of Liberal Arts, Education and Human Development upon satisfactory fulfillment of the following requirements:

- Completion of the general degree requirements of the University.
- Completion of the requirements for a bachelor's degree in either elementary, or secondary education.
- Performance at the acceptable or higher level on all program assessments and demonstration of all required performances and dispositions via a successful review of a professional portfolio and related evidence.
- For candidates in elementary education:
 - A minimum grade of "C" in all courses.
 - Achievement of an overall grade point average of 2.5.
 - Meet or exceed content/performance GPA for specific content area.
- For candidates in secondary education:
 - Minimum grade of "C" in each course in professional education and in each course in the academic content area(s).
 - Achievement of an overall grade-point average of 2.5 and a 2.0 grade-point average in
 - professional education and a 2.5 GPA in the academic content area(s).
 - c. Meet or exceed content/performance GPA for specific content area.

Louisiana Teacher Certification

In addition to the graduation requirements listed above, a candidate must meet the following requirements of the State of Louisiana in order to be eligible for a Louisiana teacher's certificate.

- Be admitted to and graduate from a state approved teacher education program. (Teacher education programs in the College of Liberal Arts, Education and Human Development at The University of New Orleans are state approved).
- Achieve a minimum overall grade point average of 2.5.
- Pass all specified PRAXIS Series Examinations.
- Receive a recommendation for certification by the Assistant Dean in the College of Liberal Arts, Education and Human Development.

Transfer Students

Transfer credits will be valid for degree completion if the course content matches the content and/or performances of a course in the College of Liberal Arts, Education and Human Development curriculum. A grade **lower than a C** will not be accepted for degree credit. Transfer credit will not be awarded for TEP 3000 level coursework. Any credit taken more than 5 years will not be accepted. The College requires the validation of credits earned more than five years prior to a candidate's admission to the College in order to approve the transfer of credits into a degree program. There is no guarantee that the credits will be accepted. A faculty member and/or Chair will validate a student's knowledge if a course taken 5 years or more is requested to be used in a degree program. Candidates are required to enter artifacts into Live Text to document their performance of competencies aligned with transfer coursework. Candidates transferring into the program should also note the provisions in the section, "Requirements for Residency."

Non-certification Programs: Human Performance and Health Promotion

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes Bachelor of Science in Human Performance and Health Promotion

- Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
- Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in a community-based professional setting.
- Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification).

Programs of Study

- Human Performance and Health Promotion, Exercise Physiology Concentration, B.S.
- Human Performance and Health Promotion, Health Promotion Concentration, B.S.

Graduate Alternate Certification Pathway

The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a Master's degree program.

Master of Arts in Teaching

Programs of Study: The Masters of Arts in Teaching offers certification in elementary (grades 1-5), secondary (grades 6-12) in English, math, social studies, biology, chemistry, earth science, general science, and physics, early intervention (birth - age 5) and mild/moderate disabilities (grades 1-5 and 6-12). The mild/moderate disabilities certification is offered through an Integrated to Merged program which results in certification in mild/moderate disabilities and in elementary (grades 1-5), or secondary education (grades 6-12). Note that certification in secondary is specific to one content area.

The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, research, and Residency I and II (student teaching/internship). Details of the program of study for each certification option may be found at the college website at www.uno.edu/colaehd

Admission: In addition to the admission requirements established by the Graduate School, which include an overall grade point average of 2.5, candidates must achieve passing scores on PRAXIS I as well as the relevant PRAXIS II subject assessment. PRAXIS I is not required for candidates with an ACT composite score of 22, or SAT (Reading/Writing and Math) combined score of 1100 or who already have a Master's degree. The College office must have official scores. All candidates must submit official transcripts from each college and university attended. One transcript with all transfer credits is not acceptable. All initial advising for this program occurs via the Education Advisors. Following initial advising, candidates are advised by a Faculty Advisor in the Department of Curriculum, Instruction, and Special Education for the duration of their program of study.

Field Experiences Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Field work is supported in two ways: through assigned work associated with individual classes and within Residency I and II taken at the end of the program of study. Field experience opportunities support

candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. More information on field experience requirements may be found at the college website at www.uno.edu/colaehd.

Requirements for Completing Program

All certification programs in the College are performance-based. Candidates develop a professional portfolio to document the knowledge, skills, and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. More information on candidate assessment and program progression requirements may be found at the college website at www.uno.edu/coehd.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

PRAXIS Requirements for All Teacher Education Candidates

All candidates pursuing initial teaching certification must successfully pass three types of PRAXIS examinations prior to program completion and recommendation for certification. The point in time that the candidate takes each examination varies according to the certification program option pursued. The following describes when each PRAXIS test is taken:

PRAXIS I (Core Academic Skills for Educators)

Undergraduate Program: Must be passed prior to Admission to Tier II (Teacher Education Program)

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II

Undergraduate Program: Content Area taken must be passed prior to Tier III Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II (Principles of Learning and Teaching)

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Department of Curriculum, Instruction and Special Education

Education has two academic departments: the Department of Curriculum, Instruction and Special Education and, the Department of Educational Leadership, Counseling, and Foundations. All departments offer a variety of graduate degree programs and undergraduate degrees. Core coursework (noted as EDUC) is offered to support the teacher education program. In addition to the departments, there are several research, innovation, and service units in the Education Departments. A complete listing of current funded programs is available at the college web site (www.uno.edu/colaehd).

The college also offers a non-teaching degree in Human Performance and Health Promotion. This undergraduate degree offers concentrations in Exercise Physiology and Health Promotion. Refer to college website for program of study information. (www.uno.edu/colaehd).

Bachelor of Science

Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach), B.S.

Requirements for Bachelor's Degree in Elementary Education

Integrated to Merged Approach with Certification in General Education and Special Education Mild/Moderate Disabilities Grades One Through Five

A grade below "C" will not be accepted for candidates seeking Integrated to Merged Elementary certification.

The curriculum in the Integrated to Merged Elementary option has five components:

- general education,
- focus area,
- knowledge of the learner and the learning environment
- methodology and teaching, and
- special education.

Student Learning Outcomes

- Demonstrate knowledge in Special Education in Mild/Moderate disabilities.
- Demonstrate appropriate dispositions to be an effective special educator in Mild/Moderate disabilities.
- Demonstrate the ability to design, deliver, and evaluate instruction to impact student learning.

Curriculum in Bachelor of Science in Elementary Education and Mild Moderate Disabilities (Integrated to Merged Approach)

General Education Requirements

1

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**

- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Elective **Credits: 6**

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**

Total Credit Hours: 27

Course Requirements for Major

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Studies - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDSP 3620 - Methods Students M/M - **Credits: 3**
- EDSP 4740 - Res II: Elem Ed - Spec Ed - **Credits: 9**
- EDSP 3650 - Prac in Positive Behavior - **Credits: 3**
- EDSP 3660 - Practicum Inclusive - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDSP 4730 - Residency I: Elem Ed - **Credits: 6**

Total Credit Hours: 54

Total Credit Hours Required: 120

• Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

NOTE: CHEM 1001 AND URBN 1000 are not acceptable for a degree in Elementary Education.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" in all courses

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Social Science **Credits: 3**²
- Arts **Credits: 3**²
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 18

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR

- HIST 2502 - US History II - **Credits: 3**
- EDSP 3620 - Methods Students M/M - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Stdies - **Credits: 3**
- EDSP 3650 - Prac in Positive Behavior - **Credits: 3**
- EDSP 3660 - Practicum Inclusive - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDSP 4730 - Residency I: Elem Ed - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDSP 4740 - Res II: Elem Ed - Spec Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all First time Full time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Elementary Education, Certification in Grades 1-5, B.S.

Earn a degree in Elementary Education grades 1-5 and pass the Praxis Exam Principles of Learning and Teaching (5621).

Requirements

A grade below "C" will not be accepted for candidates seeking Elementary certification.

The curriculum in Elementary Education has five components:

- general education,
- focus area,
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Student Learning Outcomes

- Demonstrate content knowledge in Elementary Education
- Demonstrate appropriate dispositions to be an effective elementary teacher.
- Demonstrate ability to design, implement and evaluate effective elementary curriculum and instruction.

General Education Requirements

1

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

Mathematics

- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 6**

Humanities

- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- Elective **Credits: 3**
- EDLS 3100 - Children's Literature - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

Total Credit Hours: 33

Course Requirements for Major

- EDCI 3140 - Matrl Meth Elem School Math - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Studies - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3440 - Pract in Corrective Reading - **Credits: 3**
- EDCI 4425 - Matrl Meth Teach Eng Sec Lang - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4911 - Residency I: Elementary Educ - **Credits: 6**
- EDUC 4912 - Residency II: Elementary Ed - **Credits: 9**

Total Credit Hours: 48

Total Credit Hours Required: 120

• Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable for a degree in Elementary Education.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" in all courses

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**

- Social Science **Credits: 3**²
- Arts **Credits: 3**²
- EDUC 1010 - Intro to Teaching - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
OR
- HIST 1002 - World History II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- MATH 1021 - Prob Solv/Number Rel Elem Tchr - **Credits: 3**
OR
- MATH 1023 - Prob Solv Geometry Elem Tchrs - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2200 - Principles Teaching Learning - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDHP 2320 - Meth PE/Health Elem School - **Credits: 3**
- EDCI 3400 - Foundations of Literacy - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**
OR
- HIST 2502 - US History II - **Credits: 3**
- Social Science **Credits: 3**²
- Elective **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3410 - Instruc for Early Literacy Dev - **Credits: 3**
- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**

- EDCI 3410
- EDLS 3100 - Children's Literature - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 3150 - Matrl Meth Elem School Science - **Credits: 3**
OR
- EDCI 3152 - Sci Elem Teachers - **Credits: 3**
- EDCI 3160 - Matrl Meth Elem Sch Soc Studies - **Credits: 3**
- EDCI 4425 - Matrl Meth Teach Eng Sec Lang - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- EDCI 3340 - Methods Dev Alg/Geom Thinking - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4911 - Residency I: Elementary Educ - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4912 - Residency II: Elementary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all First time Full time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Biology Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),

- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1081 - Biology I Laboratory - **Credits: 1**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**¹
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**¹

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- BIOS 2741 - Micro & Human Dis Lab - **Credits: 1**

- BIOS 2743 - Micro Human Disease Lec - **Credits: 3**
- BIOS 3854 - General Botany - **Credits: 4**
- BIOS 3653 - General Ecology - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
OR
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 47

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 122

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1081 - Biology I Laboratory - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 17

Second Term

- Humanities **Credits: 3**²
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- BIOS 2014 - Population Genetics Evol Ecol - **Credits: 4**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
OR
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- BIOS 2114 - Cell & Molecular Biology - **Credits: 4**
- BIOS 2743 - Micro Human Disease Lec - **Credits: 3**

Total Credit Hours: 16

Second Term

- BIOS 3854 - General Botany - **Credits: 4**
- BIOS 3653 - General Ecology - **Credits: 3**
- BIOS 2741 - Micro & Human Dis Lab - **Credits: 1**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 17

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours: 17

Total Credit Hours Required: 122

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Chemistry Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1083 - Biology I - **Credits: 3**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- CHEM 1018 - General Chemistry II - **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**²
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts elective **Credits: 3**²

Total Credit Hours: 39

Other Requirements

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- PHYS 1032 - General Physics II - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 46

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 121

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Note:

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1083 - Biology I - **Credits: 3**
- CHEM 1008 - Gen Chem Lab II - **Credits: 1**
- CHEM 1018 - General Chemistry II - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 16

Second Term

- CHEM 2117 - Quantitative Analysis - **Credits: 3**
- CHEM 2025 - Quantitative Analysis Lab - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- BIOS 1073 - Biology II - **Credits: 3**
- Social Science **Credits: 3**²
- EES 1000 - Dynamic Earth - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- CHEM 2217 - Organic Chemistry I - **Credits: 3**
- CHEM 2017 - Organic Chem Lab 1 - **Credits: 1**
- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- Humanities **Credits: 3**²

Total Credit Hours: 15

Second Term

- CHEM 3018 - Org Chem Lab II - **Credits: 1**
- CHEM 3218 - Organic Chemistry II - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- PHYS 1032 - General Physics II - **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Earth Science Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1073 - Biology II - **Credits: 3**¹
- BIOS 1071 - Biology II Laboratory - **Credits: 1**¹
- EES 1000 - Dynamic Earth - **Credits: 3**¹
- EES 1001 - Dynamic Earth Lab - **Credits: 1**¹
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**¹

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- CHEM 1017 - General Chemistry I - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- EES 1006 - Dinosaurs - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 2700 - Earth Materials - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 46

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 121

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1001 - Dynamic Earth Lab - **Credits: 1**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1071 - Biology II Laboratory - **Credits: 1**
- BIOS 1073 - Biology II - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EES 1003 - Intro to Env Sciences Lab - **Credits: 1**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1017 - General Chemistry I - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**

- EES 1006 - Dinosaurs - **Credits: 3**
- EES 2004 - Earth & Env Thru Time - **Credits: 3**
- EES 2005 - Earth and Env Time Lab - **Credits: 1**
- BIOS 1083 - Biology I - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EES 2051 - Geomorphology - **Credits: 3**
- EES 2700 - Earth Materials - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**

Total Credit Hours: 15

Second Term

- Social Science **Credits: 3**²
- Humanities **Credits: 3**²
- EDCI 4250 - Materials & Meth Sec Sch Sci - **Credits: 3**
OR
- EDCI 4251 - Mat & Meth Sec Sc II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EES 3740 - Principles of Paleontology - **Credits: 3**
- EES 4550 - Coastal Geomorphology - **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, English Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**¹
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS or Physical Science **Credits: 3**
- Physical Science **Credits: 3**

Humanities

- ENGL 2377 - Bible As Literature - **Credits: 3**
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**¹
- ENGL 2341 - Survey British Literature I - **Credits: 3**¹

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
- ENGL 4151
OR
- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
- ENGL 2258 - Interpreting Literature - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL 4521 - Shakespeare - **Credits: 3**
OR
- ENGL 4522 - Shakespeare - **Credits: 3**

- ENGL (4000 level American Lit) **Credits: 3**
- ENGL (4000 level British Lit) **Credits: 3**
- EDLS 4200 - Young Adult Literature - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area.

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Social Science **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 15

Second Year of Enrollment

First Term

- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- Physical Science **Credits: 3**²
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- ENGL 2341 - Survey British Literature I - **Credits: 3**
- ENGL 2377 - Bible As Literature - **Credits: 3**
- ENGL 2378 - Intro to Women's Literature - **Credits: 3**

Total Credit Hours: 18

Second Term

- Biology or Physical Science **Credits: 3**²
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**

- ENGL 2151 - Intro Non-Fictional Writing - **Credits: 3**
OR
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
OR
- ENGL 2161 - Introduction to Writing Fict - **Credits: 3**
OR
- ENGL 2163 - Intro to Creative Writ Poetry - **Credits: 3**
- ENGL 2031 - Surv Am Lit before Civil War - **Credits: 3**
- ENGL 2258 - Interpreting Literature - **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
OR
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- ENGL 2032 - Surv of Am Lit after Civil War - **Credits: 3**
- ENGL 2342 - Survey British Literature II - **Credits: 3**
- ENGL (4000 Level American Literature) **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 4220 - Matrl Meth in Sec Sch English - **Credits: 3**
OR
- EDCI 4221 - Mat & Meth Engl II - **Credits: 3**
- EDLS 4200 - Young Adult Literature - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- ENGL 4161 - Advanced Fiction Writing - **Credits: 3**
OR
- ENGL 4151
OR
- ENGL 4154 - Adv Creative Nonfic Writing - **Credits: 3**
OR
- ENGL 4163 - Advanced Poetry Writing - **Credits: 3**
- ENGL 4521 - Shakespeare - **Credits: 3**
OR
- ENGL 4522 - Shakespeare - **Credits: 3**

- ENGL (4000 Level British Literature) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Mathematics Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹

1

- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- Physical Science **Credits: 3**
- BIOS or Physical Science **Credits: 3**

Humanities

- Humanities Electives **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences elective **Credits: 6**

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3400 - Geometry - **Credits: 3**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**
- MATH Elective (2000 level or above) **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4240 - Secondary Math Methods - **Credits: 3**
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- Humanities **Credits: 3**²
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**

- Social Science **Credits: 3**²

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- Physical Science **Credits: 3**²
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- MATH 2114 - Calculus I - **Credits: 4**
- MATH 2314 - Elementary Statistical Methods - **Credits: 3**

Total Credit Hours: 16

Second Term

- Biology or Physical Science **Credits: 3**²
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- MATH 2124 - Calculus II - **Credits: 4**
- MATH 3721 - Intro to Discrete Structures - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4240 - Secondary Math Methods - **Credits: 3**
OR
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- MATH 2134 - Calculus III - **Credits: 4**
- MATH 3511 - Intro to Linear Algebra - **Credits: 3**
- Social Science **Credits: 3**²

Total Credit Hours: 16

Second Term

- EDCI 4240 - Secondary Math Methods - **Credits: 3**
OR
- EDCI 4241 - Sec Math Methods II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- Humanities **Credits: 3**²
- MATH 3400 - Geometry - **Credits: 3**
- MATH 3512 - Introduction Abstract Algebra - **Credits: 3**
- MATH (2000 level or above) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Secondary Teaching, Social Studies Concentration (Grades 6-12), B.S.

Student Learning Outcomes

The student completing the Bachelor of Science in Secondary Education will demonstrate the following:

- Demonstrate content knowledge.
- Demonstrate appropriate dispositions to be an effective secondary teacher.
- Demonstrate ability to design, implement and evaluate effective secondary curriculum and instruction.

Requirements for Bachelor's Degree in Secondary Education

Certification in Grades 6 - 12

The curricula in secondary education have five components:

- general education,
- focus area(s),
- knowledge of the learner and the learning environment,
- methodology and teaching, and
- special education.

Secondary Teaching (Grades 6 - 12) certification are as offered include:

- **Biology**
- **Chemistry**
- **Earth Science**
- **English**
- **Math**
- **Social Studies**

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1115 - Applied Algebra - **Credits: 3**¹
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

Science

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
OR
- BIOS 1073 - Biology II - **Credits: 3**
OR
- EES 1000 - Dynamic Earth - **Credits: 3**
- EES 1002 - Intro to Environ Sci - **Credits: 3**

Humanities

- ENGL Literature **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**¹
- HIST 1001 - World History I - **Credits: 3**¹

Social Sciences

- ECON 1203 - Principles of Microeconomics - **Credits: 3**¹
- POLI 2151 - US Govt & Politics - **Credits: 3**¹

Arts

- Arts Elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

1

- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- GEOG 1002 - World Regional Geography - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**
- HIST 2601 - History of Louisiana - **Credits: 3**
- HIST Elective (3000+) **Credits: 3**
- GEOG 1001 - World Regional Geography - **Credits: 3**
- POLI Elective (3000+) **Credits: 3**
- SOC 1051 - Introductory Sociology - **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- Social Sciences (ANTH, ECON, GEOG, POLI, PSYC, SOC or URBN) **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**

Total Credit Hours: 45

Course Requirements for Major

1

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 36

Total Credit Hours Required: 120

- "C" or better required
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Secondary Education degree. Courses can be used for free electives only. Not all Secondary Education Programs have free electives.

Non-Coursework

Passing scores on appropriate PRAXIS Exams

Minimum grade of "C" and a 2.5 GPA in all courses for certification content area

Minimum GPA of 2.5 for all undergraduate coursework

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
- EDCI 2204 - Intro to Secondary Education - **Credits: 3**
- Arts **Credits: 3**²
- HIST 1001 - World History I - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
OR
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
- EDUC 2100 - Child & Adolescent Development - **Credits: 3**
- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
OR
- BIOS 1083 - Biology I - **Credits: 3**
- HIST 2501 - US History I - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- ENGL (Literature) **Credits: 3**²
- BIOS 1063 - Biodiversity Non-Sci - **Credits: 3**
OR
- BIOS 1073 - Biology II - **Credits: 3**
OR
- EES 1000 - Dynamic Earth - **Credits: 3**
- EDSP 3612 - Intro to Spec Ed: Principles - **Credits: 3**
- EDUC 2206 - Intro to Tech in the Classroom - **Credits: 3**
- HIST 2502 - US History II - **Credits: 3**

Total Credit Hours: 15

Second Term

- EES 1002 - Intro to Environ Sci - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- GEOG 1001 - World Regional Geography - **Credits: 3**

- SOC 1051 - Introductory Sociology - **Credits: 3**
- ECON 1203 - Principles of Microeconomics - **Credits: 3**
- POLI 2151 - US Govt & Politics - **Credits: 3**

Total Credit Hours: 18

Third Year of Enrollment

First Term

- EDCI 3310 - Dev Resp Curr Adolescents - **Credits: 3**
- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
OR
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- HIST 2601 - History of Louisiana - **Credits: 3**
- ECON 1204 - Principles of Macroeconomics - **Credits: 3**
- GEOG 1002 - World Regional Geography - **Credits: 3**

Total Credit Hours: 15

Second Term

- EDCI 4260 - Meth of Sec Social Studies - **Credits: 3**
OR
- EDCI 4261 - Mat & Meth Soc St II - **Credits: 3**
- EDUC 3110 - Behavior Supp & Classroom Mang - **Credits: 3**
- HIST (3000 or 4000 Level) **Credits: 3**
- POLI (3000 or 4000 Level) **Credits: 3**
- ANTH 2052 - Cultural Anthropology - **Credits: 3**
- Elective: (ANTH, ECON, GEOG, POLI, PSYC, SOC OR URBN) **Credits: 3**

Total Credit Hours: 18

Fourth Year of Enrollment

First Term

- EDCI 4432 - Teaching Reading Content Areas - **Credits: 3**
- EDCI 4620 - Curr & Instr for Multicul Educ - **Credits: 3**
- EDUC 4921 - Res I: Secondary Education - **Credits: 6**

Total Credit Hours: 12

Second Term

- EDUC 4000 - Mtg Needs of All Learners III - **Credits: 3**
- EDUC 4922 - Res II: Secondary Ed - **Credits: 9**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Required for all first-time full-time students.
 - Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).
- NOTE:** Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Master of Arts in Teaching

Teaching, M.A.T.

Graduate Alternate Certification Pathway

The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a Master's degree program.

Master of Arts in Teaching

Programs of Study: The Masters of Arts in Teaching offers certification in early intervention (birth-5), elementary (grades 1-5), elementary/mild-moderate, secondary/mild-moderate, secondary (grades 6-12) in English, math, social studies, biology, chemistry, earth science, general science, and physics, early intervention (birth - age 5) and mild/moderate disabilities (grades 1-5 and 6-12). The mild/moderate disabilities certification is offered through an Integrated to Merged program which results in certification in mild/moderate disabilities and in elementary (grades 1-5), or secondary education (grades 6-12). Note that certification in secondary is specific to one content area.

The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, and a one-year residency as an intern or student teacher. Details of the program of study for each certification option may be found at the college website at www.uno.edu/colaehd

Admission: In addition to the admission requirements established by the Graduate School, which include an overall grade point average of 2.5, candidates must achieve passing scores on PRAXIS I as well as the relevant PRAXIS II subject assessment. PRAXIS I is not required for candidates with an ACT composite score of 22, or SAT (Reading/Writing and Math) combined score of 1100 or who already have a Master's degree. The College office must have official scores. All candidates must submit official transcripts from each college and university attended. One transcript with all transfer credits is not acceptable. All initial advising for this program occurs via the Education Advisors. Following initial advising, candidates are advised by a Faculty Advisor in the Department of Curriculum, Instruction, and Special Education for the duration of their program of study.

Field Experiences Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Field work is supported in two ways: through assigned work associated with individual classes and within the year of residency (9 credits) taken at the end of the program of study. Field experience opportunities support candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. All candidates must complete the year of Residency [student teaching (9 credits) or capstone internship (9 credits)] during the last year of the program of study. Candidates in Early Intervention, Elementary, Elementary/Mild-Moderate, Secondary Education, Secondary/Mild-Moderate will not be permitted to enroll in other coursework during the second semester of residency (student teaching/capstone internship). Residency for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany. More information on field experience requirements may be found at the college website at www.uno.edu/colaehd.

Requirements for Completing Program

All teacher certification programs in the College are performance-based. Candidates develop a professional portfolio to document the knowledge, skills, and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. All Praxis exams must be passed prior to the first semester of residency. More information on candidate assessment and program progression requirements may be found at the college website at www.uno.edu/coehd.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

PRAXIS Requirements for All Teacher Education Candidates

All candidates pursuing initial teaching certification must successfully pass three types of PRAXIS examinations prior to program completion and recommendation for certification. The point in time that the candidate takes each examination varies according to the certification program option pursued. The following describes when each PRAXIS test is taken:

PRAXIS I (Core Academic Skills for Educators)

Undergraduate Program: Must be passed prior to Admission to Tier II (Teacher Education Program)

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II

Undergraduate Program: Content Area taken must be passed prior to Tier III Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to admission to the program

PRAXIS II (Principles of Learning and Teaching)

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Undergraduate Program: Must be passed prior to Residency I

Graduate Alternate Certification (Master of Arts in Teaching): Must be passed prior to Residency I

Add-On Certification Option

The College of Liberal Arts, Education and Human Development offers several programs of study that result in an additional area of certification. These programs are designed for candidates who are certified teachers in the State of Louisiana. More information on these programs of study may be found at the college website www.uno.edu/colaehd.

Teaching, M.A.T.

Program Overview: The Master of Arts in Teaching (M.A.T.) degree is designed to offer candidates with a bachelor's degree outside the field of education an opportunity to address the requirements of an initial level teaching certificate within a master's degree program.

The Master of Education (M.Ed.) degree is designed to offer candidates who already hold teacher certification an opportunity to address one or more advanced preparation objectives including the requirements of an add-on certification option, advanced preparation in their existing certification area, coursework addressing an advanced skill set, or additional training in one or more content areas.

Student Learning Outcomes

The student completing the M. A. T. in Curriculum and Instruction will demonstrate the following:

- Demonstrate content knowledge in certification area.
- Demonstrate appropriate dispositions to be an effective teacher.
- Demonstrate ability to design, implement and evaluate effective curriculum and instruction.

Admission

The prospective master's student must meet the admission requirements established by the Graduate School. In addition, applicants must hold a standard teaching certificate.

Degree Requirements:

The Master of Arts in Teaching offers certification in early intervention (birth-5), elementary (grades 1-5), elementary/mild-moderate, secondary/mild-moderate, secondary (grades 6-12) in English, mathematics, social studies, biology, chemistry, earth science, general science, and physics. The Master of Arts in Teaching program requires 33 graduate credit hours in the following areas: learner and the learning environment, teaching methodology, literacy, and one-year residency as an intern or student teacher.

Time Limit

Candidates employed as teachers with a Practitioners License (PL-3) must complete the MAT program within 4 years.

Field Experience Requirements

Throughout the program, candidates complete field activities in school and classroom settings. Fieldwork is supported in two ways: through assigned work associated with individual classes and within the year of residency (9 credits) taken at the end of the program of study. Field experience opportunities support candidates in meeting all national and state standards associated with their certification area. The program includes specific requirements for the number and type of field experience hours that must be completed as well as for the development of an electronic portfolio that aligns artifacts resulting from field work with specific professional standards. All candidates must complete the year of residency [student teaching (9 credits) or capstone internship (9 credits) during the last year of the program of study. Candidates in Early Intervention, Elementary, Elementary/Mild-Moderate, Secondary Education, and Secondary/Mild-Moderate programs of study will not be permitted to enroll in other coursework during the second semester of residency (student teaching/capstone internship). Residency for this program of study must be completed in one of the following parishes: Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. Tammany.

Requirements for Completing Program

All teacher certification programs are performance-based. Candidates develop a professional portfolio to document the knowledge, skills and dispositions associated with effective teaching. Completion of the program of study requires successful performance in coursework, field experience, and candidate assessments specific to the area of study. In addition to assessments associated with specific courses in the program, candidates must pass a final assessment to complete the program and be recommended for a teaching certificate. All Praxis exams must be passed prior to first semester of residency.

Students in the M.A.T. program in the Department of Curriculum, Instruction, and Special Education cannot count more than six hours of graduate coursework with a grade lower than a B toward their degree program. In addition, any master's student receiving more than six hours of graduate coursework with a grade lower than a B in their degree program shall be dropped from the program.

Independent study/substitutions courses are approved only under extenuating circumstances. Independent study/substitutions must be approved by the Assistant Dean prior to enrollment in the independent study/substitution course. M.A.T. candidates will be allowed a maximum of 6 hours of independent study/substitution courses within the degree program.

Louisiana Teacher Certification

Candidates who successfully complete all program requirements are recommended to the Louisiana Department of Education for a teaching certificate. All conditions listed above under "Louisiana Teacher Certification" must be satisfied. Candidates enrolled in this program while teaching may be eligible for a Practitioner License upon recommendation by the hiring school district.

Master of Education

Curriculum and Instruction, M.Ed.

Program Overview:

The Master of Education (M.Ed.) degree is designed to offer candidates who already hold teacher certification an opportunity to address one or more advanced preparation objectives including the requirements of an add-on certification option, advanced preparation in their existing certification area, coursework addressing an advanced skill set, or additional training in one or more content areas.

Student Learning Outcomes

- Students will analyze and critique knowledge in their area of concentration demonstrating theory-practice-research interaction.
- Students will plan and implement an action research project addressing a current educational issue.
- Students will synthesize and evaluate action research project
- Students will demonstrate effective oral communication skills required of a professional in the field.

Admission

The prospective master's student must meet the admission requirements established by the Graduate School. In addition, applicants must hold a standard teaching certificate.

Curriculum

The minimum requirement in the M.Ed. program is 36 credit hours that include 12 credit hours of required coursework and 24 credit hours in a specialty area. Specialty areas include Gifted, Early Intervention, English as a Second Language, Mild/Moderate, Reading Specialist, or Advanced Exploration. No more than 9 credit hours can be earned in 5000-level courses. Any M.Ed. candidate receiving more than six hours of graduate coursework with a grade of C or lower will be dropped from the program.

Each candidate is required to complete a minimum of 40 clock hours of field work associated with assignments in courses within the program of study. Candidates must develop an electronic portfolio aligned with professional standards to demonstrate their effectiveness as a teacher. Each candidate must also successfully complete the Mid-Program Assessment that includes a Research Paper and Oral Examination on a Contemporary Issue that demonstrates competency in theory-practice-research interaction. In addition, each candidate will complete a Final/Capstone Assessment consisting of an Action Research Project and Oral Examination. Two failures of the examination necessitate dismissal from the master's program.

Department of Educational Leadership, Counseling, and Foundations

Education has two academic departments: the Department of Curriculum, Instruction and Special Education and, the Department of Educational Leadership, Counseling, and Foundations. All departments offer a variety of graduate degree programs and undergraduate degrees. Core coursework (noted as EDUC) is offered to support the teacher education program. In addition to the departments, there are several research, innovation, and service units in the Education Departments. A complete listing of current funded programs is available at the college web site (www.uno.edu/colaehd).

The college also offers a non-teaching degree in Human Performance and Health Promotion. This undergraduate degree offers concentrations in Exercise Physiology and Health Promotion. Refer to college website for program of study information. (www.uno.edu/colaehd).

Bachelor of Science

Human Performance and Health Promotion, Exercise Physiology Concentration, B.S.

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes

- Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
- Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in a community-based professional setting.
- Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification)

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- CHEM 1017 - General Chemistry I - **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**¹
- BIOS 1311 - Human Anatomy & Phys Lab - **Credits: 1**¹
- Electives **Credits: 18**
- BIOS 1313 - Human Anatomy & Phys II - **Credits: 3**¹
- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**

Total Credit Hours: 28

Course Requirements for Major

- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- EDHS 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Electives (2000 level or above) **Credits: 6**
- EDHP/EDHS Electives (4000 level) **Credits: 12**

Total Credit Hours: 30

Concentration Requirements

1

- EDHP 1090 - Aerobic/Anaerobic Activities - **Credits: 2**
- EDHP 3200 - Kinesiology & Biomechanics - **Credits: 3**
- EDHP 3201 - Physiology of Exercise - **Credits: 3**
- EDHP 3330 - Exercise Physiol Lab Methods - **Credits: 3**
- EDHP 4222 - Physical Fitness Programming - **Credits: 3**
- EDHS 4610 - Nutritional Health & Fitness - **Credits: 3**
- EDHP 4998 - Practicum Human Performance - **Credits: 1 - 6 (Variable)**
- EDHP 3210 - Motor Development & Motr Learn - **Credits: 3**

Total Credit Hours: 23

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

Non-Coursework Requirement

Current Certificate from the Red Cross verifying CPR and First Aid Training (Certificate obtained during the semester before graduating).

2.2 GPA is required for graduation

Note:

NOTE: Transfer students: A grade lower than a C will not be accepted for degree credit.

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Human Performance and Health Promotion degree. Courses can be used for free electives only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**²

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- EDHP 1090 - Aerobic/Anaerobic Activities - **Credits: 2**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- BIOS 1311 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1313 - Human Anatomy & Phys II - **Credits: 3**
- EDHP 3210 - Motor Development & Motr Learn - **Credits: 3**
- ENGL (Literature) **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

Total Credit Hours: 17

Second Term

- CHEM 1007 - Gen Chem Lab I - **Credits: 1**
- CHEM 1017 - General Chemistry I - **Credits: 3**
- Social Sciences **Credits: 3**¹
- EDHP 3201 - Physiology of Exercise - **Credits: 3**
- PHYS 1031 - General Physics I - **Credits: 3**
- PHYS 1033 - General Physics Laboratory - **Credits: 1**
- Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Arts **Credits: 3**¹
- Humanities **Credits: 3**¹
- EDHP 3200 - Kinesiology & Biomechanics - **Credits: 3**
- EDHP 4222 - Physical Fitness Programming - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHP/EDHS Elective **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- EDHS 4610 - Nutritional Health & Fitness - **Credits: 3**
- Elective **Credits: 3**
- Social Science **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Humanities **Credits: 3**¹
- EDHP/EDHS Elective **Credits: 3**
- EDHS 4200 - Health Promotion Ethics - **Credits: 3**
OR
- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHP 4998 - Practicum Human Performance - **Credits: 1 - 6 (Variable)**
- EDHP 3330 - Exercise Physiol Lab Methods - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 120

- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

- Required for all First time Full time students.

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for the degree.

Human Performance and Health Promotion, Health Promotion Concentration, B.S.

A Bachelor of Science degree in Human Performance and Health Promotion prepares students for a range of professions that enhance individuals and community wellness and promote health and physical activity. Students in the Human Performance and Health Promotion program can choose from two areas of concentration: Exercise Physiology and Health Promotion. Students in Exercise Physiology learn and apply concepts to maximize physical potential for both health outcomes and athletic performance. Students in the Health Promotion concentration learn how to use wellness strategies for individuals and how to develop, implement and evaluate programs aimed at improving community health and wellness. Both concentrations culminate in a semester-long internship in the community during which students gain applied experience under the supervision of experienced professionals.

Student Learning Outcomes

- Graduates with a B.S. in Human Performance and Health Promotion will demonstrate mastery of the basic principles of the field.
- Graduates with the B.S. in Human Performance and Health Promotion will demonstrate the professional knowledge and applied skills necessary to work in a community-based professional setting.
- Graduates with a B.S. in Human Performance and Health Promotion will be prepared to complete the appropriate certification exam (CHES or ACSM certification)

General Education Requirements

2

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics

- MATH 1125 - Precalculus Algebra - **Credits: 3**¹
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**

Science

- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**¹
- BIOS 1083 - Biology I - **Credits: 3**¹
- Physical Sciences **Credits: 3**

Humanities

- Humanities Elective **Credits: 6**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**

Arts

- Arts elective **Credits: 3**

Total Credit Hours: 39

Other Requirements

- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**¹
- Social Sciences **Credits: 3**
- Electives **Credits: 21**
- Physical Sciences **Credits: 3**
- Physical Sciences **Credits: 2**

Total Credit Hours: 30

Course Requirements for Major

1

- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**

- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Electives (2000 level or above) **Credits: 6**
- EDHP/EDHS Electives (4000 level) **Credits: 12**

Total Credit Hours: 30

Concentration Requirements

1

- EDHS 4000 level **Credits: 3**
- EDHS 4111 - Epidem Principles Health Promo - **Credits: 3**
- EDHS 4202 - Community Health Promotion - **Credits: 3**
- EDHS 4301 - Methods of Health Education - **Credits: 3**
- EDHS 4302 - Plan Eval Health Prom Programs - **Credits: 3**
- EDHS 4706 - Social Mrktg for Health Comm - **Credits: 3**
- EDHS 4998 - Practicum Health Promotion - **Credits: 1 - 6 (Variable)**

Total Credit Hours: 21

Total Credit Hours Required: 120

- "C" or better required
- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#)

Non-Coursework Requirement

2.2 GPA is required for graduation

Current Certificate from the Red Cross verifying CPR and First Aid Training (Certificate obtained during the semester before graduating).

Note:

NOTE: Transfer students: A grade lower than a C will not be accepted for degree credit in the Human Performance and Health Promotion Program.

NOTE: CHEM 1001 AND URBN 1000 are not acceptable General Degree Requirements for a Human Performance and Health Promotion degree. Courses can be used for free electives only.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS 1083 - Biology I - **Credits: 3**
- EDHS 1110 - Personal Health & Wellnes - **Credits: 3**
- Elective **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1126 - Precalculus Trigonometry - **Credits: 3**
- BIOS 1301 - Human Anatomy & Phys Lab - **Credits: 1**
- BIOS 1303 - Human Anatomy & Phys - **Credits: 3**
- EDHP 2110 - Found of Hum Perf & Hlth Promo - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- Physical Science **Credits: 4**
- ENGL (Literature) **Credits: 3**
- Social Sciences **Credits: 3**²
- EDHP 2170 - Meas & Eval Hum Perf/Hlth Prom - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Second Term

- Physical Science **Credits: 4**²
- Social Sciences **Credits: 3**²

- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Arts **Credits: 3**²
- Social Sciences **Credits: 3**
- EDHS 4301 - Methods of Health Education - **Credits: 3**
- EDHS 4202 - Community Health Promotion - **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- Humanities **Credits: 3**²
- EDHS 4302 - Plan Eval Health Prom Programs - **Credits: 3**
- EDHS 4706 - Social Mrktg for Health Comm - **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Humanities **Credits: 3**²

- PHIL 2201 - Ethics - **Credits: 3**
OR
- PHIL 3232 - Medical Ethics - **Credits: 3**
OR
- PHIL 4200 - Health Promotion Ethics - **Credits: 3**

- EDHS 4000 Level **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**
- EDHP/EDHS Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- EDHS 4111 - Epidem Principles Health Promo - **Credits: 3**
- EDHS 4998 - Practicum Health Promotion - **Credits: 1 - 6 (Variable)**
- EDHP/EDHS Elective **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 121

- Required for all first-time full-time students.

- Refer to the following sections in the University Catalog for specific courses and university regulations to fulfill General Education Requirements. Catalog sections: [General Education Core Requirements](#) and [General Education Course Menu](#).

NOTE: Refer to the "Degree Requirements" curriculum sheet for specific courses required for **the degree**.

Doctor of Philosophy

Counselor Education, Ph.D.

Program Overview:

The Counselor Education Ph.D. program prepares counselors for leadership roles in the counseling profession. Research competency, advanced counseling skills, and practice in the clinical supervision of other counselors are emphasized in the program. Graduates generally choose careers as university faculty members (counselor educators), administrators of counseling programs, consultants, private practitioners, and researchers.

Student Learning Outcomes

- Doctoral students will learn research skills.
- Doctoral students will develop skills in clinical counseling supervision and in advanced counseling practice during their academic programs.
- All students will demonstrate specialized knowledge of theory and scholarship in Counselor Education by passing a General Examination judged by a jury of three faculty members.

Admission

Prospective Ph.D. degree students must meet the admission requirements established by the Graduate School. In addition, applicants must complete the Graduate Record Examination (GRE) General Test, provide a resume, a 3-5 page statement of purpose and recommendations from 3 individuals familiar with the applicant's academic and professional potential. Ph.D. degree applicants are considered based on criteria developed and published by the faculty. To be considered for admission to the program without probation, an applicant must have a graduate grade-point average of at least 3.50. Presentation of the minimum graduate grade-point average does not guarantee admission. Admission decisions are based on all criteria considered in relationship to the needs of the program and number of students who can be reasonably accommodated. Applicants who present graduate grade-point averages that are lower than those listed above may be considered for admission on the basis of additional factors. Finalists for admission who are invited must also interview with the program admissions committee. The interview process includes completion of a writing sample and a videotaped counseling interview.

Curriculum

The Ph.D. program goes well beyond the accumulation of graduate course credits. It includes coursework, supervised field experiences, completion of examinations, a research project, and a dissertation. The degree program includes a minimum of 114 graduate credits beyond the bachelor's degree. There are 48 credits of entry-level core counseling courses (includes three credits in research), 12 credits of counseling courses in an area of concentration, 39 credits of doctoral-level core counseling courses (includes 12 credits in research), and 15 additional credits in research courses. Because of the number of credits completed in research (30 credits total), this area serves as the minor for doctoral students. The doctoral program includes a 100 hour practicum and a 600 hour internship. Concentration areas in counseling in the doctoral program are focused in a particular area of counseling such as college/student affairs counseling, clinical mental health counseling, or school counseling. A Program of Study must be completed at the end of the student's first year of enrollment in the doctoral program.

Research Tools

Ph.D. students must complete a minimum of 30 credits in research, which includes coursework and dissertation research. Students develop competency in both quantitative and qualitative research methods. They choose one primary method for their dissertation and complete advanced research courses in that area.

Retention Standards

Ph.D. degree students will be dismissed for any of the following academic reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study; their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; they fail the general or final (dissertation defense) examination twice.

Residency

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence.

The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee. Transfer credit from other institutions may be accepted in partial fulfillment of the residency requirement if approved by the department and the Graduate School.

Prior Master's Work

A student, with approval from the major professor and the department, may have credits earned toward one or more master's degrees completed at other universities and up to 15 semester hours earned outside of a master's degree program, applied to the Ph.D. curriculum. Only graduate credits in which grades of B were earned that were taken in residence at another university may be utilized.

Continuous Enrollment

Doctoral students, after being admitted to the Ph.D. program, must enroll in graduate courses each fall and spring until being awarded the degree. A leave of absence must be formally requested from the faculty prior to any semester in which this requirement is not met. Students will be dismissed if they fail to meet this continuous enrollment requirement.

General Examination

Students must successfully complete a general examination to continue in the Ph.D. program. Students may take the general examination when they have completed most of their coursework, as defined by the faculty.

Time Limit

The Ph.D. in Counselor Education follows the Graduate School requirement for time limit (see Graduate School).

Educational Administration, Ph.D.

Program Overview:

The Educational Administration doctoral program prepares individuals intending to build academic or administrative careers in the areas of school, college, or university leadership and administration. Consistent with emerging paradigms for effective practice which attend to pipeline issues as a key factor in student success through college, the program curriculum will focus on understanding and leading education as a PK-16+ integrated system. Because students will be coming from a variety of curricular backgrounds the core curriculum has been designed to engage students in a basic understanding of educational administration and leadership with progression to more advanced theoretical formulations of leadership, administration, and organization of schools and post-secondary institutions.

Student Learning Outcomes

- Students will produce a dissertation research project of publishable quality.
- Students will demonstrate specialized knowledge of the scholarship in a specialty area of educational administration.
- Students will analyze and evaluate a current issue of practice in the field of educational administration.

Admission

Prospective Ph.D. degree students must meet the admission requirements established by the Graduate School and also provide valid GRE scores, a

statement of purpose, a CV or Resume and recommendations from 3 individuals able to address the applicant's academic potential. Admission decisions are based on all criteria considered in relationship to the needs of the program and number of students who can be reasonably accommodated. Applicants who present test scores or graduate grade-point averages that are lower than those listed above may be considered for provisional admission. It is recommended that applicants consult at least one program faculty member early in the process of preparing the application. Students who submit complete applications prior to the date published by the department will be considered.

Requirements for the Doctoral Degree

The Educational Administration Ph.D. program is suited for those planning careers in school and university administration, university teaching, educational research organizations, or any education-related leadership profession. Ph.D. studies in educational administration emphasize research methodology, and students conduct self-directed dissertation research to extended both theory and practice in the field. The program curriculum focuses on understanding and leading education as a PK-16+ integrated system. For those students without a Master's degree in educational administration or higher education, concentrations are available in K-12 school leadership and higher education administration.

The general regulations and procedures governing programs leading to the Doctor of Philosophy, as explained elsewhere in this catalog, will be followed. Specific application of these regulations and procedures to doctoral programs in education, as well as fundamental differences in the programs, is listed below.

Program of Study

The Ph.D. program goes well beyond the accumulation of graduate course credits. It includes coursework, completion of examinations, a research project, and a dissertation. The degree program includes a minimum of 52 credits beyond the Master's degree. Students take a group of core doctoral courses, research methods courses, and dissertation research. Students with no Master's degree in either educational administration or higher education may be required to complete additional coursework (a 12-hour concentration in their discipline). Students should consult the department for specific requirements.

Research Tools

Ph.D. students must complete a minimum of 21 credits in educational research methods. Students develop competency in both quantitative and qualitative research methods.

Retention Standards

Ph.D. degree students will be dismissed for any of the following reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study (this includes the accumulation of more than one "U" grade in EDAD 7050, indicating lack of progress on the dissertation); their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; they fail the qualifying, general, or final (dissertation defense) examination twice; or they fail to maintain continuous enrollment in all fall and spring semesters until successful completion of the dissertation and graduation.

Residency

A doctoral student must earn two consecutive semesters of a minimum of nine hours of residence.

The doctoral residence requirement may be met alternatively by three semesters of enrollment at six or more hours, which may be non-consecutive.

Students who are in residence for the purpose of the above requirement are expected to devote all of their energies to graduate study under the direct supervision of a major professor and/or advisory committee.

Research Project

Doctoral students complete a research project as defined by the faculty prior to taking their general examination.

Continuous Enrollment

Doctoral students, after being admitted to the Ph.D. program, must enroll in graduate courses each fall and spring until being awarded the degree. A leave of absence must be formally requested from the faculty prior to any semester in which this requirement is not met. Students will be dismissed if they fail to meet this continuous enrollment requirement.

Qualifying Examination

After successful screening into the PhD program, and typically during the second semester of their enrollment in the program, students must successfully complete the Qualifying Examination to qualify for continued enrollment in the program. Program faculty develop exam content and evaluate student responses to the exam. The exam is designed to assess the level of critical thinking and scholarly writing demonstrated by the student.

General Examination

Students must successfully complete a general examination to continue in the Ph.D. program. Students may take the general examination when they have completed most of their coursework, as defined by the faculty, and garnered advisor approval of the dissertation prospectus for the proposed dissertation research project.

Time Limit

New doctoral students must complete their degree not more than six years from admission to candidacy (Generals) to degree completion. Prior work completed that is applied toward the degree must have been completed within nine years of the date the Ph.D. is awarded.

Master of Education

Counselor Education, M.Ed.

Student Learning Outcomes

1. Students will obtain current theoretical knowledge in the core areas of counseling
2. Students will develop identities as professional counselors.
3. Students will be exposed to issues in multicultural counseling.
4. All Master's students will obtain a passing score on the master's level comprehensive exam.

Accreditation

The M.Ed. and Ph.D. programs are accredited by the Council for the Accreditation of Counselor Education and Related Educational Programs (CACREP).

Admission

Prospective master's degree students must meet the admission requirements established by the Graduate School. In addition, applicants must present a statement of purpose that provides a summary of educational and work experiences, academic and professional goals. In addition, selected applicants will be invited to group screening interviews. Master's degree applicants will be considered based on criteria developed and published by the faculty. Admission decisions are based on all criteria considered in relationship to the need of the program and number of students who can be reasonably accommodated.

Concentrations

Two concentrations are available in the master's degree programs in Counselor Education: Clinical Mental Health Counseling, and School Counseling. The Clinical Mental Health Counseling concentration prepares graduates to serve as counselors in the clinical mental health counseling context. The School Counseling concentration prepares graduates to serve as counselors in public, parochial, and private schools (pre-K through 12th grade).

Program of Study

The minimum total graduate semester credits required for the M.Ed. program is 60. Course requirements include 36 counseling core credits, six counseling emphasis area credits, six counseling elective credits, three credits in research, and a minimum of nine credit hours in field work.

Retention Standards

Students admitted to the master's degree program in Counselor Education must complete each of the following courses with a grade of B or better before they may enroll in the next course for which that course is a prerequisite: Counselor Education 6430, 6440, and 6896. Master's degree students will be dismissed for any of the following academic reasons: they accumulate six or more hours of grades lower than B in graduate coursework required in their programs of study; their cumulative UNO graduate grade-point average for two consecutive semesters (fall and spring or spring and fall) is below 3.0; or they fail the comprehensive examination twice.

Comprehensive Examination

Master's degree students must pass a comprehensive examination, which must be taken near the end of the student's degree program. The examination covers all of the core areas of the student's field of study.

Educational Leadership, M.Ed.

Student Learning Outcomes

- Students will demonstrate standards-relevant knowledge believed necessary for competent professional practice.
- Students will apply theory to problems of professional practice in educational settings.
- Students will demonstrate appropriate dispositions to be an effective school leader.

Admission

In addition to minimum Graduate School requirements applicants must possess a standard teacher's license, 3 years of teaching experience, provide a valid GRE score, a current resume, and letter of recommendation from the principal or district level supervisor. Admission decisions are based on all criteria considered in relationship to the need of the program and number of students who can be reasonably accommodated.

Degree Requirements:

The master's program in Educational Leadership prepares graduates for leadership positions in K-12 school settings. Successful completion of EDAD 6800 and EDAD 6805 (6 graduate hours) allows a teacher candidate to apply to the Louisiana State Department of Education for the "Teacher Leader Endorsement" to be added to their teaching certificate. After the first 6 hours, potential students are screened for admission into the 36 credit hour program of study which results in a Master's Degree in Educational Leadership. Completers of the Master's Degree Program qualify to apply for certificate/license as an "Educational Leader Level 1".

The Educational Leader Level 1 is an entry-level license for individuals seeking to qualify for school and/or district leadership positions (e.g., assistant principals, principals, parish or city supervisors of instruction, supervisors of child welfare and attendance, special education supervisors, or comparable school/district leader positions). An individual can move from an Educational Leaders Level 1 to a Level 2 license upon completion of the Educational Leader Induction Program and the required years of experience. A Level 3 license qualifies an individual for employment as a district superintendent.

Curriculum

The Master of Education (M.Ed.) degree program in K-12 Educational Leadership requires 36 credit hours, including three hours of research. The Master of Education in K-12 Educational Leadership is an approved Educational Leader Level 1 certification program by the Louisiana Board of Elementary and Secondary Education. A Program of Study must be completed at the end of the student's first year of enrollment in the master's program.

Retention and Graduation Standards

To remain in the master's program, students must not accumulate more than two grades lower than a B and must meet all requirements of the Educational Leadership program. M.Ed. students must pass the Comprehensive Examination. The comprehensive exam cannot be taken more than twice.

Comprehensive Examination

M.Ed. degree students must pass a comprehensive examination, which must be taken near the end of the student's degree program. The examination covers all of the core areas of the student's field of study. The student must be enrolled at the University during the semester in which the Comprehensive Exam is taken and during the semester of graduation.

Time Limit

M.Ed. students must follow the Graduate School time limit for Master's degrees.

Higher Education Administration, M.Ed.

Program Overview:

The goal of the M.Ed. in Higher Education Administration program is to prepare generalist practitioners with a broad understanding of the role of educational leaders in postsecondary education. The program is designed for both recent college graduates and mid-career professionals seeking a program of study that focuses on multiple areas of educational leadership. Through reflective study designed to inform effective practice, the program will encourage students to apply what they learn in class to their current or future work as practitioners/administrators in colleges and universities.

Student Learning Outcomes

- Master's students will define the historical roots and philosophical assumptions underlying the formation of the higher education profession and demonstrate an understanding of higher education as a field of study and an institution in American society. In addition, students will understand the unique functional areas within higher education, their characteristics, and how to effectively lead in these areas.
- Master's students will demonstrate an understanding of the need for inclusive campuses, including the current organizational and societal issues and policies that can impact equity within higher education.
- Master's students will demonstrate an understanding of the needs of current students, the role of higher education in developing students, and how colleges and universities affect students.

Program of Study

The curriculum for the M.Ed. in Higher Education Administration is designed for completion in two years of study, including summer coursework. The 36-hour curriculum includes foundations and leadership courses (6 hours), professional practice courses (21 hours), an internship (3 hours), and two elective courses (6 hours), as described below.

Foundations and Leadership (6 Hours):

- EDAD 6600 - Amer College & University - **Credits: 3**
- EDAD 6681 - Org & Ldrship in Higher Ed - **Credits: 3**

Professional Practice (21 Hours):

- EDAD 6530 - Student Services High Educ - **Credits: 3**
- EDAD 6535 - College Student Development - **Credits: 3**
- EDAD 6675 - Current Issues in Higher Educ - **Credits: 3**
- EDAD 6684 - Teach Lrn Curr in Higher Ed - **Credits: 3**
- EDAD 6993 - Selected Topics in Educ Adm - **Credits: 1 - 3 (Variable)**
- EDFR 6675 - Assessment in Higher Education - **Credits: 3**
- EDFR 6700 - Educational Research - **Credits: 3**

Internship (3 Hours):

- EDAD 6695 - Internship in Higher Education - **Credits: 3**

Electives (6 Hours from the Following):

6 Hours from the following, or other disciplines related to student career goals:

- EDAD 6550 - The Academic Profession - **Credits: 3**
- EDAD 6605 - Community & Technical Colleges - **Credits: 3**
- EDAD 6610 - Legal Aspects of Higher Educ - **Credits: 3**
- EDAD 6615 - Financial Mang in Higher Educ - **Credits: 3**
- EDAD 6620 - History & Philosophy of Hi Ed - **Credits: 3**
- EDAD 6630 - Student Choice in Higher Educ - **Credits: 3**
- EDAD 6640 - College Teaching - **Credits: 3**
- EDAD 6645 - College Student Learning
- EDAD 6650 - College Curriculum - **Credits: 3**
- EDAD 6683 - Students in Higher Ed - **Credits: 3**

School of the Arts

School of the Arts

Major Programs Programs

The Liberal Arts section of the College of Liberal Arts, Education and Human Development offers major programs leading to the Bachelor of Arts or Bachelor of Science degree in:

- Anthropology
- English
- Film and Theatre Arts
- Fine Arts
- History
- International Studies
- Music
- Philosophy
- Political Science
- Romance Languages
- Sociology
- Urban Studies and Planning

Minor and Certificate Programs

Minor programs are offered in most of the above-listed areas. Interdisciplinary minors in Africana Studies, Asian Studies, Disaster Resilience Studies, European Studies, Latin American, Caribbean, and Circum-Caribbean Studies, Environmental Studies, and Women's and Gender Studies are also available. A graduate certificate program in Disaster Management and Community Resilience is available through the Department of Planning and Urban Studies.

Requirements for Bachelor of Arts Degree

The following course requirements must be completed by all students working toward a Bachelor of Arts degree in the College of Liberal Arts, Education and Human Development. Some curricula may demand more than the minimums designated below or may call for specific courses where the general requirements allow a choice. Each student should check his or her Major curriculum on the following pages to determine the additional requirements and restrictions which apply in that particular Major.

General Course Requirements

- **Math** - Six hours. Any combination of MATH 1031, MATH 1032, MATH 1115, 1116, MATH 1125, MATH 1126, or higher can be used to meet this requirement except where otherwise specified in the curriculum. Limitations: No credits allowed toward graduation for MATH 1021, MATH 1023 or for more than nine hours of math below the 2000 level.
- **Science** - Nine hours. Six hours of one science and three hours of a different science. One of the sciences must be Biology and the other must be Earth and Environmental Sciences, Chemistry, or Physics. NOTE: Credit toward graduation is not allowed for both Biology 1083 and 1053, or for Biology 1073 and 1063.

- **English Composition** - Six hours. ENGL 1157 and ENGL 1158/ENGL 1159 or their equivalent. Completion of ENGL 1158 or ENGL 1159 with a grade of C or better.
- **Literature** - Six hours of literature from any department. Limitations: Writing and linguistics courses do not fulfill this requirement. NOTE: Some Liberal Arts Majors require specific literature courses. See your individual curriculum.
- **Arts** - Three hours to be taken from the departments of Fine Arts, Music, or theatre/dance/film-related courses in Film and Theatre. Communications-related courses, housed in the Film and Theatre Department, are not useable toward Arts credits.
- **Humanities** - Nine hours. To include at least one subject different from that used for the Arts requirement (above), and at least six hours at or above the 2000 level. (If the Arts requirement is fulfilled with a 2000 or higher-level course, reduce these six hours to three.) To be taken from the Departments of Film and Theatre (non-Art courses); English; Fine Arts; Foreign Languages; History; Music; and/or Philosophy. NOTE: Any literature course in English or foreign languages used to fulfill the College requirement of six hours of literature may not count toward the Humanities requirement.
- **Foreign Languages** - Three to twelve hours. Completion of course 2001 in one foreign language or completion of course 1002 in two foreign languages offered through the Department of Foreign Languages. Unless a student is placed (by placement test and/or transfer credit) above the first course, either three semesters of one language in course sequence or two semesters each of two different languages are required. (Exceptions: BA in International Studies and BA in Fine Arts: Art History. See individual curricula.)
NOTES: 1) Students whose native language is Spanish should confer with the Foreign Languages Department about Spanish 2003 and 2004, which are especially designed to meet their needs and which also meet this requirement. Languages other than Spanish or French that are offered through the Department of Foreign Languages and extend through the 2001 or 2011 level may be used to meet this requirement. 2) Some 2001- and 2002-level courses in languages other than Spanish and French may not be available each semester.
- **Social Sciences** - Twelve hours to include two different subject areas with six hours at or above the 2000 level from the following subjects: Anthropology, Economics, Education, Geography, Political Science, Psychology, Sociology and Urban Studies. NOTE: In some curricula, most or all of this requirement is met within other requirements.
- **Oral Competency**- Each student should demonstrate competence in the techniques of oral communication relevant to his/her major program. Students should be able to discuss with clarity ideas and factual material in formal small group class settings and in conferences with their professors. This requirement may be fulfilled by one of the following:
 - Successful completion of an approved course in the student's Major department or college that requires a demonstration of oral competence as a condition of receiving a passing grade in the course.
 - Demonstration of oral competence in an approved course in the student's Major department or college that does not require oral competence as a condition of receiving a passing grade. If a student demonstrates oral competency in such a course, an entry shall be made on his/her transcript that oral competency has been demonstrated regardless of the final grade in the course. If a student fails to demonstrate oral competency in the approved course(s) offered by a student's Major department or college, the student may take a course outside his/her Major department as a means of meeting the general degree requirement for oral competency, upon approval of the student's Major department.
- **Electives** - Number of hours varies by Major. See curriculum outline in General Catalog. Limitations: Courses must be from the list of approved Liberal Arts electives; however, nine hours of credit in subjects not on the approved list are allowed. (Within those nine hours a maximum of three hours of human performance and/or health-safety are permitted.)
NOTES: At least six hours must be in courses numbered 3000 or above in a subject or subjects other than the Major and from the approved list of electives. (EDHS/EDHP/EDPE courses may not be used to fulfill this requirement.) Liberal Arts students are encouraged to plan their choice of electives with the assistance of a departmental faculty advisor in the context of their overall educational goals.

Approved Electives

Most of the curricula provide considerable flexibility for devising a program adapted to the particular interests and educational goals of the individual student. To assure the construction of a cohesive program, all students are expected to consult with a Major advisor regarding electives as well as the courses specified for the Major. Many combinations are possible, but logical planning should be the basis of all programs.

Within the limitations noted above students in the College of Liberal Arts may elect, for degree credit, any course for which they have the prerequisites from the following subjects:

- Accounting
- Anthropology
- Arts and Sciences
- Bacteriology
- Biology
- Botany
- Business Administration
- Chemistry
- Computer Science
- Earth and Environmental Sciences
- Economics
- Education*
- English
- Film and Theatre
- Finance
- Fine Arts
- Foreign Languages
- Geography
- History
- Hotel, Restaurant and Tourism Administration
- Humanities
- Journalism

- Management
- Marketing
- Mathematics
- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Social Sciences
- Sociology
- Urban Studies
- Women's and Gender Studies
- Zoology

*Only courses in Curriculum and Instruction, Educational Foundations and Research, Library Science, and Special Education.

Other Subjects

Courses in subjects not listed above normally will be accepted to the extent of nine credit hours total. This limit may be waived, if the student presents to the Dean a logical plan clearly showing the relevance of such courses to the Major program and to the educational goals of the student. Such permission must be secured before the nine-hour limit is exceeded. A maximum of three hours of any Health/ Safety and/or Human Performance course, regardless of level, may be included in the nine credit hours total.

Business Administration Component

For students who wish to obtain a foundation in business, the following courses are recommended: Accounting 2100 and 2130; Quantitative Methods-Business and Economics 2785; Finance 3300; Management 3401; and Marketing 3501. Students who plan to take a substantial number of business courses should seek the advice of the appropriate persons in the College of Business Administration.

Requirements for Bachelor of Science Degree

The following course requirements must be completed by all students working toward a Bachelor of Science degree in the College of Liberal Arts, Education and Human Development. Each student should check the Major curriculum in Urban Studies and Planning (currently the only B.S. degree offered in the College of Liberal Arts, Education and Human Development) to determine the additional requirements and restrictions which apply in that Major.

General Course Requirements

- **Math** - Six hours.
- **Science** - Nine hours. Six hours of one science and three hours of a different science. One of the sciences must be Biology and the other must be Earth and Environmental Sciences, Chemistry, or Physics. NOTE: Credit toward graduation is not allowed for both Biology 1083 and 1053 or for Biology 1073 and 1063.
- **English Composition** -Six hours. ENGL 1157 and ENGL 1158/1159 or their equivalent. Completion of 1158 or 1159 with a grade of C or better.
- **Literature** - Six hours of literature from any department. Limitations: Writing and linguistics courses do not fulfill this requirement.
- **Arts**¹ - Three hours. To be taken from the departments of Fine Arts, Music, or film/theatre/dance - related courses in Film, Theatre and Communication Arts. .
- **Humanities**¹ - Three hours. To be taken from any of the humanities disciplines.
- **Social Sciences**^{1,2} - Six hours to be taken from the social sciences.
- Six of the twelve hours in humanities, arts, and/or social sciences must be at the 2000 level or above.
- See departmental list of acceptable courses.

Transfer Credit

Transfer credits acceptable for admission purposes will be valid for degree credit in the College only to the extent to which they represent courses acceptable in the curricula of the College. The College may decline to accept transfer credits in any course in which a grade lower than a C has been received. Validation may be required for credits earned more than 10 years before admission to the College. Regarding work from a two-year school, the college will honor up to 60 hours (64 hours for Jazz Studies students). The college will determine which hours are most useable toward the course of study.

University and Major Residence Requirements

Transfer students should note that the last 25% of coursework must be taken in residence while enrolled in the college from which the degree is to be earned. In the College of Liberal Arts, Education and Human Development, transfer students must take at least 50% of the hours in the Major subject (with a minimum of 50% of the hours in courses numbered 3000 or above) at UNO. Candidates for a degree must earn a C average in all courses in their Major subject taken while they are registered in the College.

Program Planning

All students should plan their programs in advance in order to receive maximum benefit from their college years. Besides examining their own goals, students should consult with advisors to take advantage of alternatives in General Degree Requirements and electives.

Students are responsible for knowing degree requirements and for enrolling in courses that fit into their degree programs. They are strongly encouraged to complete the requirements in English, Foreign Language, Mathematics, and Science at the earliest possible time in their college career.

Each student is also responsible for notifying the college office of graduation plans at the beginning of the semester preceding the student's final semester. At that point, a graduation checkout sheet is prepared which outlines the student's current scholastic position and indicates the course requirements remaining for the degree. The college encourages students to sign up for a graduation check-sheet when they have reached 75 hours of coursework.

Requirements for a Minor

With the exception of Film and Theatre and Music minors, a Liberal Arts Minor requires a minimum of 18 hours and a 2.0 average in the Minor field. See Minor in individual curricula for specific courses required.

At least nine hours of coursework must be taken at UNO, and for a minor requiring six or more hours at the 3000 level or above, at least six of those hours must be taken at UNO. For minors requiring fewer than six hours of 3000- or 4000-level courses all of these hours must be taken at UNO. No pass/fail courses will apply toward a Minor.

Minor

Film & Theatre Screenwriting Minor

The purpose of this Minor is to acquaint the student with current and historical practices in screenwriting for film, television and new media in a variety of lengths and genres, as well as to provide instruction and critique during the completion of creative work.

Interested students should contact the Film Program in the School of the Arts.

The requirements of the minor are as follows:

1. Completion of the requirements of a degree in one of the colleges at UNO.
2. Completion of 18 credit hours in the FTA department:

Minor Requirements

- FTA 2250 - Intro. to Screenwriting - **Credits: 3**
- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2330 - Acting II Intermediate - **Credits: 3**
- FTA 4251 - Advanced Screenwriting - **Credits: 3**
FTA 4251 is taken three times for a total of **9 Credits**.

Department of Arts Administration

Admission

A student must be accepted by both the Graduate School and the Arts Administration Program. To be admitted to graduate studies in Arts Administration, a student must provide a written Statement of Purpose and three Letters of Recommendation. Work experience in business and/or the arts is desirable but not required.

Department of Film and Theatre Arts

The Bachelor of Arts housed in the Department of Film and Theatre allows for a choice of two different courses of study-Film Arts and Theatre Arts.

Bachelor of Arts

Film and Theatre, Film Arts, B.A.

Student Learning Outcomes

- Film Arts students should have a fundamental knowledge of film production.
- Film Arts students must have a fundamental understanding of film aesthetics and theory.
- Provide exceptional Film Arts students with assistance and encouragement to pursue opportunities for advanced degrees and/or professional careers.
- Department will maintain a high level of satisfaction with the overall Film Arts program.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- Arts Elective **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Social Science **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 16-19**
- FORL 2001 **Credits: 3**
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 37

Course Requirements for Major

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2510 - Beginning Film Prod - **Credits: 3**
- FTA 1665 - Beginning Film Postproduction - **Credits: 3**
- FTA Electives **Credits: 20**⁸

Choose 6 Hours

- FTA 4540 - History of Cinema I - **Credits: 3**
- FTA 4541 - History of Cinema II - **Credits: 3**
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
- FTA 4591 - Film Styles & Genres - **Credits: 3**

Choose 6 Hours

- FTA 1300 - Acting I-Beginning - **Credits: 3**⁶
- FTA 3460 - Intro Documentary - **Credits: 3**
- FTA 3510 - Intermediate Film Production - **Credits: 3**⁷
- FTA 3520 - Interm Film Post Production - **Credits: 3**
- FTA 4566 - Sound I - **Credits: 3**
- FTA 4580 - Film Directing - **Credits: 3**⁶
- FTA 4600 - Producing - **Credits: 3**

Total Credit Hours: 44

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from **two** different fields (**ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN**) and at least 6 hours at 2000-level or higher. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must complete nine credit hours in one language or six credit hours in two languages
- Fulfills oral competency
- Must take concurrently with FTCA 3511
- Select from FTA 2250, FTA 2260, FTA 2270, FTA 2320 (fulfills oral competency), 2335, 2800 (1 hr.), FTA 3460, FTA 3510, FTA 3511 (1 hr.), FTA 3520, FTA 3800 (1 hr.), FTA 4096, FTA 4251, FTA 4333, FTA 4460, FTA 4500, FTA 4530, FTA 4550, FTA 4551 (1 hr.), FTA 4555, FTA 4565, FTA 4566, FTA 4567, FTA 4568, FTA 4570, FTA 4575, FTA 4580, FTA 4591, FTA 4600, FTA 4900 (13 hours must be taken at the 3000-level or higher)

Four Year Plan of Study

First Year of Enrollment

First Term

- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 1665 - Beginning Film Postproduction - **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- Social Science 1XXX **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- FTA 2260 - Writing Short Film - **Credits: 3**
- FTA 2510 - Beginning Film Prod - **Credits: 3**

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**

- MATH 1116 **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FTA 1300 - Acting I-Beginning - **Credits: 3**
OR
- FTA 3460 - Intro Documentary - **Credits: 3**
OR
- FTA 3510 - Intermediate Film Production - **Credits: 3**
OR
- FTA 3520 - Interm Film Post Production - **Credits: 3**
OR
- FTA 4566 - Sound I - **Credits: 3**
OR
- FTA 4580 - Film Directing - **Credits: 3**
OR
- FTA 4600 - Producing - **Credits: 3**

- FTA Elective **Credits: 3**
- Foreign Language 1001 **Credits: 3**
- ENGL Lit Elective **Credits: 3**
- Social Science 1XXX **Credits: 3**

Total Credit Hours: 15

Second Term

- FTA 1300 - Acting I-Beginning - **Credits: 3**
OR
- FTA 3460 - Intro Documentary - **Credits: 3**
OR
- FTA 3510 - Intermediate Film Production - **Credits: 3**
OR
- FTA 3520 - Interm Film Post Production - **Credits: 3**
OR
- FTA 4566 - Sound I - **Credits: 3**
OR
- FTA 4580 - Film Directing - **Credits: 3**
OR

- FTA 4600 - Producing - **Credits: 3**
- FTA Electives **Credits: 3**
- Foreign Language 1002 **Credits: 3**
- ENGL Lit Elective **Credits: 3**
- Social Science 2XXX **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- FTA 4540 - History of Cinema I - **Credits: 3**
OR
- FTA 4541 - History of Cinema II - **Credits: 3**
OR
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
OR
- FTA 4591 - Film Styles & Genres - **Credits: 3**
- General Electives (or FTA) **Credits: 3**
- Foreign Language 2001 **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- Social Science 2XXX **Credits: 3**

Total Credit Hours: 15

Second Term

- FTA 4540 - History of Cinema I - **Credits: 3**
OR
- FTA 4541 - History of Cinema II - **Credits: 3**
OR
- FTA 4545 - Film Theory & Criticism - **Credits: 3**
OR
- FTA 4591 - Film Styles & Genres - **Credits: 3**
- FTA Electives **Credits: 6**
- BIOS or other Physical Science **Credits: 3**
- Arts Electives **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- Non-FTA Electives 3000+ **Credits: 3**
- FTA Electives **Credits: 5**
- General Electives (or FTA) **Credits: 7**

Total Credit Hours: 15

Second Term

- Non-FTA Electives 3000+ **Credits: 3**
- FTA Electives **Credits: 3**
- General Electives (or FTA) **Credits: 9**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Film and Theatre, Theatre Arts, B.A.

Student Learning Outcomes

- Theatre Arts option students will have a basic skill level in technical areas of theatre.
- Theatre Arts students will have a basic understanding of Visual Design.
- Theatre Arts option students will have a basic understanding of theatre literature.
- Theatre Arts option students will have a basic understanding of theatre performance.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

4

- FTA 1005 - Intro to Theatre Arts - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- Social Science **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- Electives **Credits: 16-19**
- FORL 2001 **Credits: 3**
- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**⁵
- ENGL Literature **Credits: 3**

Total Credit Hours: 37

Course Requirements for Major

- FTA 1100 - Methods & Matrls of Stagecraft - **Credits: 3**
- FTA 1110 - Basic Visual Design - **Credits: 3**
- FTA 1300 - Acting I-Beginning - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

- FTA 2100 - Intro to Lighting Design - **Credits: 3**
OR
- FTA 2110 - Introduction to Scenic Design - **Credits: 3**
OR
- FTA 2160 - Costume Crafts & Techniques - **Credits: 3**
OR
- FTA 2950 - Stage Management Theatre - **Credits: 3**⁶

- FTA 2320 - Script Analysis - **Credits: 3**
- FTA 4400 - Development of Theatre - **Credits: 3**

- FTA 4450 - Modern Theatre - **Credits: 3**
OR
- FTA 4455 - Contemporary Theatre - **Credits: 3**

- FTA Electives **Credits: 20**

Total Credit Hours: 44

Total Credit Hours Required: 120

- "C" or better required.
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- From FA, MUS, theater or film/video-related FTA. Check [General Education Courses](#) to confirm what courses fulfill this requirement.
- Must complete nine credit hours in one language or six credit hours in two languages.
- Fulfills oral competency requirement.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**

- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS **Credits: 3**
- Social Science 1XXX **Credits: 3**
- FTA 1005 - Intro to Theatre Arts - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1116 **Credits: 3**

OR

- MATH 1125 - Precalculus Algebra - **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- FTA 1100 - Methods & Matrls of Stagecraft - **Credits: 3**
- FTA 1110 - Basic Visual Design - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- Foreign Language 1001 **Credits: 3**
- Social Science 1XXX **Credits: 3**
- Arts **Credits: 3**
- FTA 1300 - Acting I-Beginning - **Credits: 3**

- FTA 2100 - Intro to Lighting Design - **Credits: 3**
- OR
- FTA 2110 - Introduction to Scenic Design - **Credits: 3**
- OR
- FTA 2160 - Costume Crafts & Techniques - **Credits: 3**
- OR
- FTA 2950 - Stage Management Theatre - **Credits: 3**

- FTA 1800 - Theatre Practicum I - **Credits: 1**

Total Credit Hours: 16

Second Term

- Foreign Language 1002 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- BIOS or other Physical Science **Credits: 3**
- ENGL (Literature) **Credits: 2**
- FTA 1800 - Theatre Practicum I - **Credits: 1**
- FTA 2320 - Script Analysis - **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- Foreign Language 2001 **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Non FTA Elective 3000+ **Credits: 3**
- FTA Elective **Credits: 3**

- FTA 4450 - Modern Theatre - **Credits: 3**
- OR
- FTA 4455 - Contemporary Theatre - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1**

Total Credit Hours: 16

Second Term

- Non FTA Elective 3000+ **Credits: 3**
- General Electives **Credits: 3**
- General Electives **Credits: 3**
- FTA Elective **Credits: 3**
- FTA 4400 - Development of Theatre - **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FTA Electives **Credits: 6**
- General Electives **Credits: 9**

Total Credit Hours: 15

Second Term

- FTA Elective **Credits: 9**
- General Electives **Credits: 2**

Total Credit Hours: 11

Total Credit Hours Required: 120

- Required for all first-time full-time students.

Master of Fine Arts

Film and Theatre, M.F.A.: Film Arts - Production concentration

Program Overview

Students may elect to concentrate in Film Arts---Production, Theatre Arts---Performance, or Design. The Department is accredited by the National Association of Schools of Theatre. Master of Fine Arts programs in Theatre Arts reflect NAST's highest standards. The Master of Fine Arts is a terminal degree for students interested in pursuing careers in film production and theatre arts. Areas of specialization within the concentrations include filmmaking, acting, directing, and design.

Student Learning Outcomes

- students will demonstrate techniques within the discipline.
- students will be able to apply theory in written and oral form.
- students will be able to apply knowledge of their specialty within the discipline.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

an applicant is accepted for graduate work in film and theatre arts upon recommendation of the graduate committee based upon a bachelor's degree in film or theatre arts or clearly demonstrated skills and creative ability in their field. Applicants should submit least three letters of recommendation and evidence of their ability in the proposed area of specialization. Auditions, prompt books, portfolios, manuscripts, video tapes, films, and other appropriate presentations are to be submitted to the department when application for admission is completed.

In addition to the requirements of the Graduate School, the following must be met:

- Satisfactory completion of at least 60 hours of Film and Theatre Arts courses. With written permission of the department, the candidate may take up to six hours in a field outside the department.
- At the completion of 18 or more hours of course work the student will be evaluated by the graduate committee. If the first year review demonstrates sufficient progress, the student will be invited to continue in the program.
- A grade-point average of 3.0 or better is required in all course work.
- Normally students must be in residence at least two semesters taking a full load of at least nine hours each semester. Summer sessions may not apply. Under special circumstances this residency requirement may be waived by the department. Upon completion of one-half of the student's required work, his or her major professor will be designated by the department. Ordinarily this professor will serve as chairman of both the examining committee and the publicly presented creative thesis project.

MFA Core Degree Requirements

- FTA 6020 - Form & Idea in Media - **Credits: 3**
- FTA 6040 - Performance and Direction - **Credits: 3**
- FTA 6060 - Concept, Conflict & Character - **Credits: 3**
- FTA 6910 - Studio I - **Credits: 3**
- FTA 6911 - Studio II - **Credits: 3**
- FTA 6912 - Studio III - **Credits: 3**
- FTA 6005 - Graduate Studies Orientation - **Credits: 0**

Comprehensive Examination

Normally students may take the Comprehensive Examination no sooner than the term in which they have completed 36 hours of graduate credit. This examination will be both written and oral. At least three members of the graduate faculty, one of whom may be from a department other than Film and Theatre, appointed by the Graduate School, will administer the examination. Part of the examination will be devoted to questions based on the reading list and course work, and the remainder will be devoted to questions relating to the student's individual area of specialization.

Publicly Presented Creative Thesis Project

The thesis project will be prepared under the supervision of a committee appointed by the Graduate School. This committee will ordinarily consist of three members of the graduate faculty of the department. After successful completion of the comprehensive examination, the candidate will submit a written prospectus for a publicly presented thesis project. The research and execution of this project will normally take nine studio hours. The Master of Fine Arts thesis project is designed to test the student's skill and knowledge in his or her area of specialization. The project is subject to the graduate committee's approval.

Students who have earned graduate credits in film, theatre, video, or its equivalent from other institutions may apply for admission into the Master of Fine Arts program. However, the maximum allowable transfer credit must conform to the Graduate School's policy on extension and transfer credit. Transfer credit is subject to the graduate coordinator's recommendation and approval by the Graduate School.

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Program: Film and Theatre, M.F.A.: Screenwriting concentration

Program Overview:

The M.F.A. in Film and Theatre program provides professional training in areas of film and theatre arts through intensive, focused instruction that prepares students for advanced positions in their fields. Students apply and are admitted to one of five specializations: Film Production, Screenwriting, Theatre Design, Theatre Performance-Acting, and Theatre Performance-Directing.

Student Learning Outcomes:

- Develop a creative vision and apply appropriate stylistic choices
- Develop specific technical skills within the discipline and specialization
- Apply theory through written, oral, performative and/or cinematic form
- Identify and describe key concepts and trends related to various modes of production and performance

Admission Requirements:

In addition to meeting the minimum standards for admission to the Graduate School, an applicant is accepted for graduate work in film or theatre upon recommendation of the departmental graduate committee based upon a bachelor's degree in film or theatre or clearly demonstrated skills and creative ability in their field.

For Screenwriting: Applicants should submit a single-author feature screenplay (80-150 pages) or episodic teleplay writing of a minimum of 60 pages (a pilot episode, or several shorter episodes).

Core Requirements

- FTA 5110 - Scene Design - **Credits: 3**
- FTA 5500 - Film Development & Planning - **Credits: 3**
- FTA 5530 - Adv Proj in Film Production - **Credits: 3**
- FTA 5545 - Film Theory & Criticism - **Credits: 3**
- FTA 5566 - Sound I - **Credits: 3**
- FTA 6040 - Performance and Direction - **Credits: 3**
- FTA 6220 - Screenwriting for Production - **Credits: 3**
- FTA 6510 - Narr Film Prod - **Credits: 3**
- FTA 6511 - Equipment Lab - **Credits: 1**
- FTA 6520 - Narr Film Post Prod - **Credits: 3**
- FTA 6550 - Graduate Cinematography - **Credits: 3**
- FTA 6565 - Digital Theory Application - **Credits: 3**
- FTA 6580 - Directing the Narrative Film - **Credits: 3**
- FTA 6950 - Thesis Studio - **Credits: 3 - 6 (Variable)**
Take three times for a total of 9 credits.

Elective requirements

Select 5 of the following:

- FTA 5090 - Special Topics in FT - **Credits: 1**
- FTA 5093 - Special Topics in FT - **Credits: 1**
- FTA 5096 - Special Topics FT - **Credits: 3**
- FTA 5120 - Scene Painting - **Credits: 3**
- FTA 5125 - Dev. of Style and Form - **Credits: 3**
- FTA 5135 - Rendering Techniques - **Credits: 3**
- FTA 5140 - Costume Design - **Credits: 3**
- FTA 5150 - Development of Fashion - **Credits: 3**
- FTA 5160 - Lighting Crafts & Techniques - **Credits: 3**
- FTA 5170 - Lighting Design - **Credits: 3**
- FTA 5251 - Advanced Screenwriting - **Credits: 3**
- FTA 5300 - Advanced Voice for the Actor - **Credits: 3**
- FTA 5301 - Voice Stylization for Screen - **Credits: 3**
- FTA 5330 - Acting Styles - **Credits: 3**
- FTA 5333 - Combat Stage & Film - **Credits: 3**
- FTA 5380 - Stage Directing II - Advanced - **Credits: 3**
- FTA 5400 - Development of Theatre - **Credits: 3**
- FTA 5450 - Modern Theatre - **Credits: 3**
- FTA 5455 - Contemporary Theatre - **Credits: 3**
- FTA 5460 - Adv Documentary Production - **Credits: 3**
- FTA 5540 - History of Cinema I - **Credits: 3**
- FTA 5541 - History of Cinema II - **Credits: 3**
- FTA 5542 - History of Documentary Film - **Credits: 3**
- FTA 5551 - Spring Film Crew - **Credits: 1**
- FTA 5555 - Spring Film Production - **Credits: 3**
- FTA 5565 - Digitl Theory Appl Film/Video - **Credits: 3**
- FTA 5567 - Sound II - **Credits: 3**
- FTA 5568 - Special Topics Visual Effects - **Credits: 3**
- FTA 5570 - Advanced Film Acting - **Credits: 3**
- FTA 5575 - Advanced Film Postproduction - **Credits: 3**
- FTA 5580 - Film Directing - **Credits: 3**
- FTA 5591 - Film Styles & Genres - **Credits: 3**
- FTA 5600 - Producing - **Credits: 3**
- FTA 5830 - Advanced Stage Movement - **Credits: 3**
- FTA 5900 - Internship - **Credits: 3**
- FTA 6001 - Practicum in Production - **Credits: 3**
- FTA 6020 - Form & Idea in Media - **Credits: 3**
- FTA 6060 - Concept, Conflict & Character - **Credits: 3**
- FTA 6090 - Independent Study - **Credits: 3**
- FTA 6200 - Seminar in Playwriting - **Credits: 3**
- FTA 6220 - Screenwriting for Production - **Credits: 3**
- FTA 6240 - Writing the Thesis Script - **Credits: 3**
- FTA 6250 - Seminar in Screenwriting - **Credits: 3**
- FTA 6330 - Acting - **Credits: 3**
- FTA 6380 - Stage Directing - **Credits: 3**
- FTA 6560 - Direct Docum Film - **Credits: 3**
- FTA 6900 - Graduate Internship - **Credits: 3**

Minor

Film and Theatre Minor

Minor Requirements

A Minimum of 14 Credit Hours

A minimum of 14 credit hours with a grade of C or better in the following courses:

- FTA 1005 - Intro to Theatre Arts - **Credits: 3**
- FTA 1620 - Intro to Film Arts - **Credits: 3**
- FTA 1800 - Theatre Practicum I - **Credits: 1** and/or (1-2)
- FTA 4400 - Development of Theatre - **Credits: 3**
- FTA 4540 - History of Cinema I - **Credits: 3**

An Additional Six Hours

An additional six hours selected from Film and Theatre Arts courses numbered 2000 or above.

Department of Fine Arts

Bachelor of Arts

Fine Arts, Art History Option, B.A.

Student Learning Outcomes

- Students will demonstrate understanding and apply the broad methodologies of the study of the history of art: identification, description, formal analysis, comparison, interpretation.
- Students will demonstrate knowledge of the cultural issues, values, and perspectives that have informed artmaking in a variety of cultures and periods.
- Students will demonstrate critical research skills through a variety of writing assignments. Students will write an original argument that analyzes and interprets an aspect of art history, based on advanced research that integrates primary and secondary sources from the critical literature.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Sciences **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- ANTH 3220 - Arch of New Orleans - **Credits: 3**
or
- ANTH 3240 - Arch of African Diaspora - **Credits: 3**
- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- Social Sciences 2000+ **Credits: 6**
- ENGL Literature **Credits: 3**
- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**⁴
- General Electives **Credits: 21**⁴

Total Credit Hours: 39

Course Requirements for Major

- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**
- HIST 1002 - World History II - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- FA Art History 3000+ Electives **Credits: 18**
- FA Art History 4000+ Electives **Credits: 3**

Total Credit Hours: 42

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. Check General Education Courses to confirm courses fulfilling this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement.
- Art History majors must complete 9 credit hours in one language or 6 credit hours in two languages. If completing 9 credits in one language, there will be 21 credits in free electives. Otherwise, there will be 18.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- HIST 1001 - World History I - **Credits: 3**

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

- BIOS 1053 - Human Biol Non-Sci - **Credits: 3**
or
- BIOS 1083 - Biology I - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**

- HIST 1002 - World History II - **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- Foreign Language - 1st Language Part 1 **Credits: 3**
- Gen Ed Math **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- ENGL 2154 - Intro Creative Writing Nonfic - **Credits: 3**
- Gen Ed Social Science (1 of 2) **Credits: 3**
- Foreign Language - 1st Language, Part 2 **Credits: 3**
- Gen Ed Physical Science **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- Foreign Language, 1st language, part 3; or 2nd language, part 1² **Credits: 3**
- Gen Ed Literature 2000+ **Credits: 3**
- Gen Ed Biology or Physical Science **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- HIST 3002 - Historical Thought and Writing - **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**
- Literature 2000+ **Credits: 3**

- Elective or Foreign Language 2nd language, part 2 **Credits: 3**

Total Credit Hours: 15

Second Term

- ANTH 3220 - Arch of New Orleans - **Credits: 3**
or
- ANTH 3240 - Arch of African Diaspora - **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Gen Ed Social Science (2 of 2) **Credits: 3**
- Elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FA Art History 3000+ **Credits: 3**
- FA Art History 3000+ **Credits: 3**
- Social Science 2000+ **Credits: 3**³
- Electives **Credits: 6**

Total Credit Hours: 15

Second Term

- FA Art History 3000+ **Credits: 3**
- FA Art History 4000+ **Credits: 3**
- Electives **Credits: 9**

Total Credit Hours: 15

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- Art History majors must complete 9 credit hours in one language or 6 credit hours in two languages. If completing 9 credits in one language, there will be 21 credits in free electives, otherwise there will be 18.
- Social Science must be completed over at least two different areas (Anthropology, Economics, Geography, Political Science, Psychology, Sociology, or Urban Studies) and six credits must be at the 2000 level or above. ANTH 2232 World Archaeology is highly recommended.

Fine Arts, Studio Art Option, B.A.

Student Learning Outcomes

- Students will demonstrate an understanding of art studio practices as they relate to historical context, concepts, and theories in at least one of the studio disciplines offered as a concentration. (Painting, Sculpture, Printmaking, Digital and Photography).
- Students will demonstrate an understanding of the technical and creative uses of the medium, craftsmanship and attention to detail, formal elements, and processes related to their chosen area of specialization.
- Students finishing the degree program will produce a coherent body of creative work in their area of specialization, and for those graduates who show the ability and desire to pursue an advanced degree, the work should be of sufficient quality to satisfy the requirements for the admission to graduate school.
- Students will demonstrate the ability to promote, design, and install an exhibition of their artwork in the professional, on-campus gallery venue, in preparation for their art careers.

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Sciences **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences **Credits: 6**²

Arts

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- Social Sciences 2000+ **Credits: 6**
- Electives outside of major 3000+ **Credits: 6**
- ENGL Literature **Credits: 3**

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**⁴

- General Electives **Credits: 9-12**⁸

Total Credit Hours: 30

Course Requirements for Major

- FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
- FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
- FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**

Total Credit Hours: 18

Studio Arts Option

- FA 3301 - Drawing Techniques and Concept - **Credits: 3**

Choose three of the following studio courses. Credits: 9

You must take the 3x51 course before you enroll in the 4x49 course of the same discipline.

- FA 3451 - Photography I - **Credits: 3**
and
- FA 3551 - Digital Art, Video and Animation I - **Credits: 3**
and
- FA 3651 - Sculpture and Extended Media I - **Credits: 3**
and
- FA 3751 - Painting I - **Credits: 3**
and
- FA 3851 - Printmaking I - **Credits: 3**
- FA 4301 - Figure Drawing - **Credits: 3**

Choose one area of focus. Credits: 3

You must take the 4x49 class before you enroll in the 4x51 class of the same discipline.

- FA 4449 - Photography II - **Credits: 3**
or
- FA 4549 - Digital Art, Video and Animation II - **Credits: 3**
or
- FA 4649 - Sculpture and Extended Media II - **Credits: 3**
or
- FA 4749 - Painting II - **Credits: 3**
or
- FA 4849 - Printmaking II - **Credits: 3**

Choose one of the following courses. Credits: 3

- FA 4451 - Photography III - **Credits: 3**
or
- FA 4551 - Digital Art, Video and Animation III - **Credits: 3**
or
- FA 4651 - Sculpture and Extended Media III - **Credits: 3**
or
- FA 4751 - Painting III - **Credits: 3**
or
- FA 4851 - Printmaking III - **Credits: 3**

- Art History electives 3000+ **Credits: 6**
- FA 4998 - Art Research Capstone - **Credits: 3**
Students must get department consent to enroll in FA 4998.

Total Credit Hours: 30

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN). Check General Education Courses to confirm courses fulfilling this requirement.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS. Check General Education Courses to confirm courses fulfilling this requirement.
- Studio Art majors must complete 9 credit hours in one language or 6 credit hours in two languages. Art History majors must complete 12 credit hours in one language.
- Students must get consent of the department to enroll in FA 4998 Art Research Capstone.
- Free electives can be taken from any Department including Fine Arts.

Four Year Plan of Study

First Year of Enrollment

First Term

- ENGL 1157 - English Composition - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**

- FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ¹

Total Credit Hours: 16

Second Term

- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**
- Gen Ed MATH **Credits: 3**
- Foreign Language - 1st Language Part 1 **Credits: 3**
- FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**
- FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**

Total Credit Hours: 15

Second Year of Enrollment

First Term

- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
- FA 3301 - Drawing Techniques and Concept - **Credits: 3**
- FA 3x51 Studio 1 Course **Credits: 3**
- Foreign Language - 1st Language Part 2 **Credits: 3**
- Gen Ed Biology **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 3x51 Studio 1 course **Credits: 3**
- FA 3x51 Studio 1 course **Credits: 3**
- Gen Ed Biology or other Science **Credits: 3**
- Foreign Language - 1st language part 3, or 2nd language part 1 **Credits: 3**

Total Credit Hours: 15

Third Year of Enrollment

First Term

- Art History Elective 3000+ **Credits: 3**
- FA 4x49 Studio II course **Credits: 3**
- Gen Ed Literature **Credits: 3**
- Gen Ed Social Science **Credits: 3**
- Gen Ed Non-Biology Science **Credits: 3** (Must be the same as the other non-Biology science, if taken.)

Total Credit Hours: 15

Second Term

- FA 4301 - Figure Drawing - **Credits: 3**
- FA 4x51 Studio III **Credits: 3**

- Social Science, 2000 level **Credits: 3**²
- Literature elective **Credits: 3**
- Free elective **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- FA Art History elective 3000+ **Credits: 3**
- Non-FA 3000+ elective³**Credits: 3**
- Social Science, 1000 or 2000 level **Credits: 3**²
- Free elective or Foreign Language - 1st Language Part 1 **Credits: 3**
- Free elective **Credits: 3**

Total Credit Hours: 15

Second Term

- FA 4998 - Art Research Capstone - **Credits: 3**
- Social Science, 2000 level **Credits: 3**
- Non-FA 3000+ elective **Credits: 3**
- Free electives **Credits: 5**

Total Credit Hours: 14

Total Credit Hours Required: 120

- Required for all first-time full-time students.
- Social Science must be completed over at least two different areas (Anthropology, Economics, Geography, Political Science, Psychology, Sociology, or Urban Studies) and six credits must be at the 2000 level or above.
- 3000 level electives cannot be in Fine Arts; only 3 credits of EDHP or EDHS courses may be used.

Master of Fine Arts

Fine Arts, M.F.A.

Program Overview:

The Master of Fine Arts program in Fine Arts is designed to provide professional training leading to a terminal degree in studio arts.

Student Learning Outcomes

- Professional Mastery of production modes - Students will master the production modes of their chosen medium in the context of contemporary artmaking by engaging in an independent and in-depth studio art practice.
- Conceptual Development - Concerted investigation of content in relation to material processes, conceptual concerns and contextual relationships to the state of contemporary art.
- Professional development as a practicing artist - Produce and verbalize a unified body of artwork through the installation of a professional level exhibition and thesis paper.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants must submit a portfolio of studio work. After a student has applied to the Graduate School, the application, images of work and letters of recommendation will be evaluated by the Committee on Graduate Studies of the Department of Fine Arts. Applicants who are admitted to the Fine Arts program will be assigned a sponsor by the Graduate Admissions Committee. The sponsor is a member of the Fine Arts Graduate Faculty who agrees to accept the responsibility of guiding the student through the program and who regularly teaches or exhibits professionally in the student's major area.

Students who are deficient in certain areas may be admitted on a conditional basis. They must complete both the regular requirements and fulfill the conditions imposed by the Committee on Graduate Studies.

Degree Requirements

Primary Focus

Select one of the following as a **primary focus area** from the list below and then enroll in it four times for a total of 12 credits during your first four semesters. **Credits: 12**

- FA 6201 - Graduate Photography - **Credits: 3**
- FA 6202 - Graduate Digital Art - **Credits: 3**
- FA 6203 - Graduate Sculpture - **Credits: 3**
- FA 6204 - Graduate Painting - **Credits: 3**
- FA 6205 - Graduate Printmaking - **Credits: 3**

Secondary Focus

Select one of the following as a **secondary focus area** from the list below and enroll in it two times during your first four semester OR students may select six credits of 5000+ electives outside the department. **Credits: 6**

- FA 6201 - Graduate Photography - **Credits: 3**
- FA 6202 - Graduate Digital Art - **Credits: 3**
- FA 6203 - Graduate Sculpture - **Credits: 3**
- FA 6204 - Graduate Painting - **Credits: 3**
- FA 6205 - Graduate Printmaking - **Credits: 3**

Required Courses

During the students 4th semester in the program, the Master of Fine Arts student's eligibility for graduate candidacy will be determined by the Committee on Graduate Studies, who will arrange for an oral examination and review of the student's artwork. Once a student is approved for candidacy they may proceed to the preparation of the written thesis and exhibition.

- FA 6799 - Independent Studio Practice - **Credits: 3**
(Enroll in this class two times.)
- FA 6301 - Art Colloquium - **Credits: 3**
(Enroll in this class two times.)
- FA 6401 - Critique Group - **Credits: 3**
(Enroll in this class two times.)
- FA 6998 - Media Strategies - **Credits: 3**
- FA 6999 - Professional Development - **Credits: 3**
- FA 5000 and above Art History classes - **Credits: 6**
- FA 6900 - Exhibition Design and Management - **Credits: 3**
(Enroll in this class two times.)
- FA 7000 - Thesis Research - **Credits: 3**
(Enroll in this class two times.)

Financial Aid

Graduate assistantships are available to a limited number of qualified applicants each year.

Minor

Fine Arts, Art History Option, Minor

Minor Requirements

A Minor in Fine Arts, Art History Option, requires the student take a total of 18 credit hours in Art History courses including the following:

- FA 1010 - Art Appreciation - **Credits: 3**
or
- FA 1500 - Introduction to Art and Visual Culture - **Credits: 3**
- FA 2201 - Art History Survey I: Prehistory to the Thirteenth Century - **Credits: 3**
or
- FA 2202 - Art History Survey II: Fourteenth Century to the Present - **Credits: 3**
- FA 2999 - Theory and Practice of Art History - **Credits: 3**
- Choose three classes: FA Art History at 3000-level and above - **Credits: 9**
A letter grade of "C" or better must be earned in each course. The courses may be taken as elective credits at any point in the undergraduate curriculum provided the student adheres to prerequisites and course-level restrictions listed in the Catalog.

Fine Arts, Studio Art Option, Minor

Minor Requirements

A Minor in Fine Arts, Studio Art Option, requires the student take a total of 18 credit hours in art studio courses including the following:

- Choose three classes:**
- FA 1001 - CORE STUDIO I - Surface / Color / Practice - **Credits: 3**
 - FA 1002 - CORE STUDIO II - Objects / Materials / Environment - **Credits: 3**
 - FA 2001 - CORE STUDIO III - Process / Ideas / Communication - **Credits: 3**
 - FA 2002 - CORE STUDIO IV- Time / Motion / Narrative - **Credits: 3**
Credits: 9
- Choose three classes:**
- FA 3301 - Drawing Techniques and Concept - **Credits: 3**
 - FA 3451 - Photography I - **Credits: 3**
 - FA 3551 - Digital Art, Video and Animation I - **Credits: 3**
 - FA 3651 - Sculpture and Extended Media I - **Credits: 3**
 - FA 3751 - Painting I - **Credits: 3**
 - FA 3851 - Printmaking I - **Credits: 3**
Credits: 9

A letter grade of "C" or better must be earned in each course. The courses may be taken as elective credits at any point in the undergraduate curriculum provided the student adheres to prerequisites and course-level restrictions listed in the Catalog.

Total Credits: 18

Department of Music

Bachelor of Arts

Music, Composition Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high-quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

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- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors enrolled in applied lessons are expected to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁸
OR
- FORL 1001 **Credits: 3**⁸

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

4

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁴
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
- Applied Composition **Credits: 18**
- Ensemble **Credits: 6**⁵
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Composition Concentration

- MUS 4101 - Contrapuntal Techniques - **Credits: 2**
- MUS 4102 - 20th Century Techniques - **Credits: 2**
- MUS 4105 - Advanced Orchestration - **Credits: 3**
- MUS Electives **Credits: 9**⁶
- MUS 3960 - Half Recital in Composition - **Credits: 0**⁷
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3112 - Conducting II - **Credits: 1**
- Applied Music **Credits: 6**⁹

Total Credit Hours: 24

Total Credit Hours Required: 126

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least six hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- 6 hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. 3 hours must be BIOS.
- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. At least two hours of ensemble must be at the 4000-level. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
- Nine hours must be non-ensemble, three of which must be at the 4000+ level. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- Students registered for Recital must be concurrently enrolled in applied composition. Satisfies oral competency requirements.
- Must complete nine credit hours in one language or twelve credit hours in two languages.
- To be selected from Applied Keyboard, Voice, Strings, Woodwinds, Brass, or Percussion. Students may choose three 2-credit or two 3-credit lessons in consultation with their major professor.

Four Year Plan of Study

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**²
- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁴

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- MUS 2800 **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
- MUS 2802 - Applied Composition - **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**

- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3801 - Applied Composition - **Credits: 3**
- MUS 4101 - Contrapuntal Techniques - **Credits: 2**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**³
- Foreign Language **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3802 - Applied Composition - **Credits: 3**
- MUS 4102 - 20th Century Techniques - **Credits: 2**
- Ensemble **Credits: 1**
- MUS Elective **Credits: 2**
- Literature (2000+) **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4105 - Advanced Orchestration - **Credits: 3**
- MUS 4111 - Conducting III - **Credits: 1**
- MUS 4801 - Applied Composition - **Credits: 3**
- Music Elective **Credits: 3**
- Science **Credits: 3**
- Social Science (3000+) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3960 - Half Recital in Composition - **Credits: 0**
- MUS 4802 - Applied Composition - **Credits: 3**
- Music Elective **Credits: 3**
- Music Elective **Credits: 3**
- Social Science (3000+) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 127

- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- Nine hours must be non-ensemble, three of which must be at 4000. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- Required for all first-time full-time students.

Music, Jazz Studies Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁵
OR
- FORL 1001 **Credits: 3**⁵
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 2109 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2110 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2605 - Jazz Keyboard Class - **Credits: 1**
- MUS 2606 - Jazz Keyboard Class - **Credits: 1**⁴
- MUS 1003 - Early Jazz - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**
- MUS 4207 - Seminar in Jazz History - **Credits: 3**⁷
- Applied Music **Credits: 18**⁸
- Ensemble **Credits: 6**⁴
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Jazz Studies Concentration

- MUS 3705 - Jazz Improvisation - **Credits: 3**
- MUS 3706 - Jazz Improvisation - **Credits: 3**
- MUS 3990 - Full Recital - **Credits: 0**⁷
- MUS 4109 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS Electives **Credits: 6**³
- MUS 4110 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4705 - Advanced Jazz Improvisation I - **Credits: 3**
- MUS 4706 - Advanced Jazz Improvisation II - **Credits: 3**
- MUS 4806 **Credits: 3**

Total Credit Hours: 24

Total Credit Hours Required: 126

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be BIOS.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. At least two hours must be at the 3000+ level. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student,

whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.

- Must complete nine credit hours in one language or twelve credit hours in two languages.
- Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirements.

Four Year Plan of Study

1

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1** ¹
- Applied Music **Credits: 3**
- ENGL 1157 - English Composition - **Credits: 3**
- MATH **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1** ³

Total Credit Hours: 17

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1003 - Early Jazz - **Credits: 3**
- OR
- MUS 2006 - Jazz History - **Credits: 3**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 1111 - Music Notation - **Credits: 1**
- Applied Music **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**

Total Credit Hours: 17

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 2109 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2605 - Jazz Keyboard Class - **Credits: 1**
- MUS 3705 - Jazz Improvisation - **Credits: 3**
- MATH **Credits: 1**
- Science **Credits: 3**
- Social Science (1 or 2000) **Credits: 3** ²

Total Credit Hours: 17

Second Term

- MUS 1005 - Intro to Music Literature - **Credits: 3**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1902 - University Jazz Band - **Credits: 1**
- MUS 2110 - Jazz Harmony and Theory - **Credits: 3**
- MUS 2606 - Jazz Keyboard Class - **Credits: 1**

- MUS 3706 - Jazz Improvisation - **Credits: 3**
- Applied Music **Credits: 3**
- Science **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4109 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4705 - Advanced Jazz Improvisation I - **Credits: 3**
- Science **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**
- Foreign Language **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4110 - Adv Jazz Harmony and Theory - **Credits: 3**
- MUS 4706 - Advanced Jazz Improvisation II - **Credits: 3**
- MUS 4902 - University Jazz Band - **Credits: 1**
- Applied Music **Credits: 3**
- Foreign Language **Credits: 3**
- Social Science (3000) **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4807 - Jazz Arranging/Composition - **Credits: 2**
- MUS 4902 - University Jazz Band - **Credits: 1**
- Applied Music **Credits: 3**
- Foreign Language **Credits: 3**
- Literature (2000+) **Credits: 3**
- Social Science (3000) **Credits: 3**

Total Credit Hours: 16

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**
- MUS 4207 - Seminar in Jazz History - **Credits: 3**
- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 12

Total Credit Hours Required: 127

- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level, thereby

fulfilling two requirements at once. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required..

- Required for all first-time full-time students.

Music, Music Studies Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

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- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Education Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- Arts **Credits: 3**⁴

Total Credit Hours: 39

Other Requirements

- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

- FORL 2001 **Credits: 3**
OR
- FORL 1001 **Credits: 3**

- FORL 1002 **Credits: 3**¹¹
- General Electives **Credits: 12-15**

Total Credit Hours: 27

Course Requirements for Major

5

- MUS 1005 - Intro to Music Literature - **Credits: 3**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁵
- MUS 2101 - Music Theory III - **Credits: 3**⁸
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**

- MUS 3212 - Music History II - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**⁹
OR
- MUS 1003 - Early Jazz - **Credits: 3**⁹

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 6**⁶

Total Credit Hours: 36

Music Studies Concentration

- MUS 4150 - Senior Project - **Credits: 0**
OR
- MUS 3950 - Half Recital in Performance - **Credits: 0**¹⁰

- MUS Electives **Credits: 18**⁷

Total Credit Hours: 18

Total Credit Hours Required: 120

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least 6 hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- Six-hour sequence in one science. Select from BIOS, CHEM, EES. PHYS. Three hours must be biology.
- Fine Arts or Drama
- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
- To include no more than twelve hours applied lessons and no more than three hours ensemble beyond the requirements for the degree. Eleven-fourteen hours at the 3000+ level must be taken at UNO. Elective hours must include three hours 4000+.
- Student may substitute the jazz theory sequence of MUS 2109, 2110, 2605 and 2606. Permission of jazz area required.
- Students may use MUS 1003 or MUS 2006 to meet the music history requirement, but not both.
- Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirements.
- Must complete nine credit hours in one language or twelve credit hours in two languages.

Four Year Plan of Study

1

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**¹
- ENGL 1157 - English Composition - **Credits: 3**
- MATH 1031 - Survey Mathematical Thought I - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁴

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**²
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**
- MATH 1032 - Survey Mathematical Thought II - **Credits: 3**
OR
- MATH 1115 - Applied Algebra - **Credits: 3**
OR
- MATH 1116 **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 2**³
- Social Science **Credits: 3**

Total Credit Hours: 13

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
OR
- MUS 2006 - Jazz History - **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 2**
- Social Science **Credits: 3**
- Biology **Credits: 3**

Total Credit Hours: 16

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**
- MUS Elective **Credits: 2**
- Fine Arts **Credits: 3**
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- Social Science (2000+) **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 16

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- Music Elective **Credits: 6**
- Foreign Language **Credits: 3**
- Literature (2000+) **Credits: 3**
- 3000+ Elective non-music **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 4150 - Senior Project - **Credits: 0**
- Music Elective (4000+) **Credits: 3**
- Social Science (2000+) **Credits: 3**
- Literature (2000+) **Credits: 3**
- 3000+ Elective non-music **Credits: 3**
- General Elective **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 120/122

2

- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester.
- Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- If MUS 2201 and MUS 2202 are both completed, MUS 1005 requirement is waived and student may add 3 music elective credits.
- May include up to four semesters applied lessons, by audition only. Only three additional hours of ensemble may be applied to the degree. Nine hours must be 3000+, not ensemble. The 18/21 hours must include minimum 3 hours 4000+.
- Required for all first-time full-time students.

Music, Performance Concentration, B.A.

Student Learning Outcomes

- Students will demonstrate the skills requisite for artistic self-expression and the creation of high quality music.
- Students will demonstrate knowledge of the common elements and organizational patterns of music and their interaction through aural, verbal, and visual analyses.
- Students will be able to place music in the appropriate historical, cultural, and stylistic contexts.

Curricula in Music

Students working toward the Bachelor of Arts in Music may elect one of four concentrations offered through the College of Liberal Arts, Education and Human Development: Composition, Jazz Studies, Music Studies, or Performance. Students are admitted to the Music Major Program through an audition and upon recommendation of the faculty in the chosen concentration. Each concentration is tailored to a specific set of skills and knowledge, so students should follow the appropriate listing of courses.

The University is an accredited institutional member of the National Association of Schools of Music. Students majoring in music must meet the following requirements:

- Piano through MUS 1407 or equivalent as determined by placement examination, except where piano is the major instrument. Students must also pass a juried proficiency exam in order to graduate. MUS 1407 may not be used for music elective credit.
- Full-time students must enroll in one ensemble appropriate to their concentration each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students who are not sure about ensemble placement, including those whose primary instrument is piano or guitar, or whose concentrations are Composition or Music Studies, should consult with their advisor before selecting an ensemble.
- All full-time Music majors are required to register for Student Recital Hour (MUS 1900) each semester and must meet attendance requirements. All Music majors are required to perform in at least one Recital Hour each academic year (with the approval of the Applied Music Lesson instructor).

General Education Requirements

English

- ENGL 1157 - English Composition - **Credits: 3**
- ENGL 1158 - English Composition - **Credits: 3**
- OR
- ENGL 1159 - English Composition Honors - **Credits: 3**¹

Mathematics Credits: 6 *

* See General Course Requirements and Approved Electives in the Liberal Arts Section.

Science

- BIOS **Credits: 3**³
- BIOS or Physical Science **Credits: 6**³

Humanities

- FORL 1001 **Credits: 3**
- FORL 1002 **Credits: 3**
- ENGL Literature **Credits: 3**

Social Sciences

- Social Sciences Electives **Credits: 6**

Arts

- MUS 1005 - Intro to Music Literature - **Credits: 3**

Total Credit Hours: 39

Other Requirements

- FORL 1002 **Credits: 3**
- FORL 2001 **Credits: 3**⁷
- OR
- FORL 1001 **Credits: 3**⁷
- Literature **Credits: 3**
- Social Science 2000+ **Credits: 6**²

Total Credit Hours: 12-15

Course Requirements for Major

4

- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1407 - Piano Class - **Credits: 2**⁴
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 3011 - Music Theory IV - **Credits: 3**
- MUS 3013 - Advanced Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**
- Applied Music **Credits: 18**¹¹
- Ensemble **Credits: 6**⁵
- MUS 1900 - Student Recital - **Credits: 0**

Total Credit Hours: 51

Performance Concentration

- MUS 4901 - Chamber Ensemble - **Credits: 1**¹⁰
- MUS 3111 - Conducting I - **Credits: 1**
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3950 - Half Recital in Performance - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**⁸

- MUS 4310 - Vocal Pedagogy - **Credits: 2**
OR
- MUS 4311 - Piano Pedagogy - **Credits: 2**
OR
- MUS 4312 - Instrumental Music Pedagogy - **Credits: 2**⁹

- Applied Music **Credits: 6**
- Music Electives **Credits: 12**⁶

Total Credit Hours: 24

Total Credit Hours Required: 126

- "C" or better required
- Must include courses from two different fields (ANTH, ECON, GEOG, POLI, PSYC, SOC, or URBN) and at least six hours at 2000-level or higher. See General Course Requirements and Approved Electives in Liberal Arts Section. NOTE: Students must earn six hours of 3000+ course work in non-music studies. The most efficient way to fulfill this requirement is to take at least six of the nine hours of required social sciences at the 3000+ level. Students may choose to fulfill the 3000+ requirement by taking courses in other areas of concentration (i.e., humanities, business administration, sciences) but doing so will not reduce the number of social sciences hours required.
- Six-hour sequence in one science. Select from BIOS, CHEM, EES, PHYS. Three hours must be biology.
- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students should consult with their advisor to choose an ensemble.
- For instrumentalists, nine hours must be non-ensemble, and three must be at the 4000+ level. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation. For vocalists, nine hours must be non-ensemble, and three must be at the 4000+ level. Four hours must be in diction and/or repertoire courses and three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- Must complete nine credit hours in one language or six credit hours in two languages.
- Students registered for Recital must be concurrently enrolled in an applied lesson. Satisfies oral competency requirement.
- For vocalists, MUS 4310 required. For instrumentalists, MUS 4312 required. For keyboardists, MUS 4311 required.
- Vocal majors may substitute two hours of music electives at the 3000+ level in place of chamber music.

Four Year Plan of Study

First Year of Enrollment

First Term

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1111 - Music Notation - **Credits: 1**
- MUS 1900 - Student Recital - **Credits: 0**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**²
- ENGL 1157 - English Composition - **Credits: 3**
- UNIV 1001 - University Success - **Credits: 1**⁷

Total Credit Hours: 15

Second Term

- MUS 1106 - Music Theory II - **Credits: 3**

- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 1406 - Piano Class - **Credits: 2**
- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1005 - Intro to Music Literature - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- ENGL 1158 - English Composition - **Credits: 3**

Total Credit Hours: 16

Second Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2101 - Music Theory III - **Credits: 3**
- MUS 2103 - Advanced Musicianship - **Credits: 1**
- MUS 2201 - History of Music - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Math **Credits: 3**
- Foreign Language **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 2202 - History of Music - **Credits: 3**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Foreign Language **Credits: 3**
- Math **Credits: 3**

Total Credit Hours: 17

Third Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3111 - Conducting I - **Credits: 1**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Music Elective **Credits: 3**^{3,4}
- Foreign Language **Credits: 3**
- Science **Credits: 3**
- Social Science (1 or 2000) **Credits: 3**

Total Credit Hours: 17

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1901 - Chamber Ensemble - **Credits: 1**⁵
- MUS 3112 - Conducting II - **Credits: 1**
- MUS 3950 - Half Recital in Performance - **Credits: 0**
- Applied Music **Credits: 3**
- Ensemble **Credits: 1**
- Science **Credits: 3**
- Social Science (2 or 3000) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Fourth Year of Enrollment

First Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 1901 - Chamber Ensemble - **Credits: 1**

- MUS 4310 - Vocal Pedagogy - **Credits: 2**
OR
- MUS 4311 - Piano Pedagogy - **Credits: 2**
OR
- MUS 4312 - Instrumental Music Pedagogy - **Credits: 2**⁶

- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Science **Credits: 3**
- Social Science (3000+) **Credits: 3**

Total Credit Hours: 15

Second Term

- MUS 1900 - Student Recital - **Credits: 0**
- MUS 3990 - Full Recital - **Credits: 0**
- Applied Music **Credits: 3**
- Music Elective **Credits: 3**
- Music Elective **Credits: 3**
- Social Science (3000+) **Credits: 3**
- Literature (2000+) **Credits: 3**

Total Credit Hours: 15

Total Credit Hours Required: 127

- All students must pass piano proficiency through MUS 1407. See music major requirements listed under Curricula in Music.
- Full-time students must enroll in one ensemble appropriate to their emphasis area each semester even though the six-hour requirement may have been fulfilled. Part-time students are strongly encouraged to participate in an ensemble every semester. Any student, whether full-time or part-time, who is enrolled in an applied music course, must enroll in an ensemble. Students with an emphasis in piano or music studies should consult with their advisor to choose an ensemble.
- For instrumentalists, nine hours must be non-ensemble, three of which must be at 4000. Three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- For vocalists, nine hours must be non-ensemble, three of which must be at 4000. Four hours must be in diction and/or repertoire courses and three hours must be in Jazz History, Jazz Theory, Jazz Composition/Arranging, or Jazz Improvisation.
- May not be used in to fulfill ensemble requirements under Curricula in Music. Vocal majors may substitute two hours of music electives in place of chamber ensemble.
- For vocalists, MUS 4310 is required. For instrumentalists, MUS 4312 is required. For key boardists, MUS 4311 is required.
- Required for all first-time full-time students.

Master of Music

Music, M.M.

Program Overview:

The Department of Music offers the Master of Music degree with concentrations in Composition, Conducting (Choral or Instrumental), Jazz Studies, and Performances. The program of study requires a minimum of 33 graduate credit hours to include course work in the applied area, music theory, music history, electives in music, and participation in the graduate colloquium every semester of study. In addition all students must complete a graduate recital (Conducting, Jazz Studies, Performance) or a half recital plus thesis (Composition).

Student Learning Outcomes

- Students will demonstrate advanced skills of artistic self-expression and knowledge of repertoire through the creation of high quality music.
- Students will demonstrate the ability to employ research methodology appropriate for the advanced study of music in order to synthesize its historical and theoretical contexts.
- Students will demonstrate skills requisite for advanced aural, verbal, and visual analyses of music.

Admission

In addition to meeting the minimum standards for admission to the Graduate School,

applicants will need to provide an audition and interview are required. A person may be admitted as a non-degree seeking students and then change majors once the audition requirement is fulfilled. However, students with non-degree status are ineligible for financial aid.

Degree Requirements

- Completion of the Master of Music degree requires a minimum of 33 hours.
- At the end of the program, each student must successfully present a graduate recital appropriate for his or her concentrating.
- Students in the Composition concentration will also submit a large-scale original composition or a portfolio of shorter original compositions to the graduate school to complete the thesis component of this concentration.
- No thesis is required for students in the Conducting, Jazz Studies, or Performance concentrations.
- All courses are selected with the approval of the major advisor.
- Students must pass both written and oral comprehensive examinations during their final semester of study.
- Students are encouraged to participate in ensembles each semester of attendance. However, only 3 credits will apply toward degree requirements.

Core Curriculum

- MUS 6200 - Music Research Methods & Mater - **Credits: 3**
- Music History and/or Music Theory **Credits: 9**

(A Minimum of 3 Credits in Each Area)

- Applied Lessons **Credits: 9**
- MUS 6990 - Graduate Recital - **Credits: 3** (Conducting, Jazz Studies, Performance)
OR
- MUS 6950 - Half Recital - **Credits: 1**
- MUS 7000 - Thesis Research - **Credits: 1 - 9 (Variable)** (Composition Only)
- Graduate Colloquium (Must be taken and passed every semester of study) **Credits: 0**
- Total core requirements **Credits: 24**
- Music Electives (selected from 5000- and 6000-level courses in consultation with major advisor) **Credits: 9**

Total Credit Hours for Degree: 33

Recommended courses of study for each concentration are available on the Music Department website at <http://www.music.uno.edu/>

Financial Aid

A limited number of graduate assistantships and scholarships are available to qualified students enrolling in the Master of Music degree program.

Minor

Music Minor

Course Requirements

A minimum of 22 credit hours of music, with a grade of C or better in each course, is required for a Minor in Music.

Students must audition on their instrument or voice to be accepted into the Music Minor.

- MUS 1105 - Music Theory I - **Credits: 3**
- MUS 1103 - Elementary Musicianship - **Credits: 1**
- MUS 1405 - Piano Class - **Credits: 2**
- MUS 1106 - Music Theory II - **Credits: 3**
- MUS 1104 - Elementary Musicianship - **Credits: 1**
- MUS 3211 - Music History I - **Credits: 3**
- MUS 3212 - Music History II - **Credits: 3**

Ensemble Credits: 2

Chosen in consultation with an advisor

Upper-level Music Electives Credits: 4

(No more than 1 credit may be ensemble.)

The Graduate School at UNO

- Admission
- Non-Degree Graduate Admission
- Procedures
- International Students
- Graduate Assistantships, Fellowships and Scholarships
- Oak Ridge Associated Universities

In recognition of its duty to provide a center of learning for the community of New Orleans, the University established a graduate division in 1963, which later became The Graduate School in 1966. Beginning with master's degree programs in chemistry and physics, the Graduate School furthered the expansion of knowledge with graduate programs across the disciplines. In 1965, six graduate degrees were conferred at commencement: one Master of Science in Chemistry and five Masters of Education. In May 1967, the University of New Orleans conferred its first Doctor of Philosophy degree.

The Graduate School regulates graduate policy across the University. The University currently offers graduate certificates and advanced degrees in 32 master's programs and 9 doctoral programs. The programs are designed to provide students with opportunities for comprehensive training in special fields of study, to instruct them in methods of independent investigation, and to foster the spirit of scholarship and research.

The pursuit of research and free inquiry demand rigor, and graduate students are expected to exceed minimum requirements and to master subjects rather than pass courses to simply comply with formal requirements. Coursework at the graduate level should lay the foundation for the individual scholarship of students.

Admission

Types of Admission and Requirements

Degree Program Admission

Applicants for admission to the Graduate School in a degree program are expected to have the following qualifications:

- A baccalaureate degree from a university or college approved by a recognized accrediting agency.
- Point-hour ratios of at least 2.5 for undergraduate work and 3.0 for all graduate and post-baccalaureate work for which a grade is given. (A-4, B-3, C-2, D-1, F-0)
- Satisfactory academic standing at the last university or college attended.
- Satisfactory admission test scores (see below).

An applicant who meets all of the above requirements may be granted unconditional admission, if accepted by the program. Program admission standards may be higher than the minimum Graduate School requirements. Many programs also require application materials beyond transcripts and test scores.

Applicants who fail to meet all the admission requirements may, in rare instances, be considered for provisional admission, but only upon very strong recommendation by the department concerned on the grounds of other evidence of ability to carry out the graduate program successfully. The Graduate School will consider the merits of the case and determine whether provisional admission is warranted.

Applicants who are unable to provide a final transcript because they are currently enrolled in a university program may be granted conditional admission provided all records, except for the semester in progress, have been submitted. In such cases the final transcript must be received not later than 30 days after the first day of classes in the fall and spring semester and not later than 15 days after the first day of classes in the summer session, or admission may be cancelled. Eligibility for admission cannot be determined until the application and complete official transcripts from each college and university attended have been received.

Non-Degree Graduate Admission

An applicant who has already earned a baccalaureate degree and who does not intend to pursue another undergraduate or graduate degree should apply to The Graduate School as a non-degree student. Students who apply for non-degree status are not required to submit admission test scores but must submit official copies of the transcript certifying their baccalaureate or graduate degree. Students are strongly encouraged to carefully consider the problems that may arise in selecting this status. Short-term benefits such as temporarily avoiding the admission test may be exchanged for long-term serious disadvantages.

For example:

- No more than 9 credits earned while non-degree seeking may be applied towards a degree program
- Some 6000-level courses are closed to non-degree students.
- Non-degree students are not eligible for federal financial aid. Non-degree students must read and comply with these provisions and departmental regulations to avoid serious problems.

Procedures

Applicants should submit the online University application along with the \$40 application fee and required credentials at least 30 days prior to the beginning of registration for the semester for which they are applying. Graduate School priority dates are July 1 for fall semester admission; November 1 for spring semester; and May 1 for summer session.

Credentials include admission test scores (if required) and official transcripts of all undergraduate and graduate coursework taken, showing any degrees awarded. Transcripts must be sent directly to the Admissions Office from each and every college attended even if no credit was earned and even though the work may be shown on another transcript.

RE-ENTRY Students who have not been enrolled for one full calendar year (12 months) must re-file an online application for admission and submit transcripts of any work taken at another institution during the interim.

MULTI-CAMPUS STUDENTS enrolled in graduate programs at other UL System universities who wish to take courses at UNO should inquire at the Graduate School of their home institution for the procedure to be followed.

International Students

Applicants from countries other than the United States may be admitted to the university subject to the following regulations in addition to the general admission requirements:

- Transcripts for institutions outside the U.S. should be accompanied by an external evaluation of conducted by a NACES recognized evaluation agency.
- Immigration requirements include a Statement of Financial Support indicating financial ability to remain at the University long enough to complete degree requirements.

Applicants who have completed their education in a country not recognized as English-dominant are required to provide proof of English proficiency.

Examples of English-dominant countries are: Anguilla, Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Canada, Cayman Islands, Dominica, Gibraltar, Grenada, Guyana, Republic of Ireland, Jamaica, Montserrat, New Zealand, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad & Tobago, Turks and Caicos Islands, U.K. (England, Northern Ireland, Scotland, Wales), U.S.A..

The following are measures of English proficiency currently accepted by the Graduate School. Only scores for tests taken within 2 years prior to the entrance term are considered valid.

TOEFL

Test of English as a Foreign Language

Internet-based test score of 79 total or Computer-based test score of 550.

Scores are considered official if reported electronically to UNO by ETS. The institution code for reporting TOEFL scores to UNO is 6379.

IELTS

The International English Language Testing System

Overall band score of 6.5

PTE

Pearson Tests of English

Academic score of 58

IELP

Intensive English Language Program

Satisfactory completion of the Intensive English Language Program at UNO

Minimum Scores on IELP Test:

Listening Comprehension: 70
Grammar/Reading/Vocabulary: 63
Writing/Composition: 75

- International graduate assistants who have primary responsibility for teaching a course (Teaching Associate - Instructor of Record) are required to have a TOEFL score of 100 (internet-based score) or 600 (paper-based), or IELTS overall band score of 7.5 or PTE academic score of 61. Individual graduate programs may have higher requirements.
- An affidavit of support is required indicating the source of funds being made available to the student and the amount of money being provided and the length of time the funds will be made available.
- Medical insurance. A health insurance fee will be assessed at the time of enrollment. An international student may purchase his or her own insurance. However, the policy must meet or exceed UNO's Student Health Insurance Plan.

Fees and Financial Resources

(Consult Fees section.)

GRADUATE REGULATIONS

Failure of students to acquaint themselves fully with the organization and regulations of the University and Graduate School may lead to complications for which the student must assume full responsibility.

Degrees for Faculty and Staff

The Graduate School will not award the doctoral degree to full-time faculty of UNO above the rank of instructor or to other employees who in the opinion of the Graduate School are of equivalent status; nor will it permit such persons to register for credit toward a UNO doctorate.

Meeting Degree Requirements

Graduate degrees are not conferred merely upon the basis of number of courses passed or on length of time spent in residence, but rather upon the basis of the quality and scope of a candidate's knowledge and power of investigation. Degree requirements must be interpreted with the understanding that the Graduate School prescribes only minimum standards. Individual departments may demand performance well in excess of the minimum Graduate School requirements. Meeting specific requirements does not guarantee admission or permission to enter whatever course or program a student desires to take.

Courses

All graduate courses for which the student meets the prerequisites are open to graduate students. Courses numbered above 6000 are graduate courses and only open to graduate students. Graduate credit is awarded for courses numbered 5000-level and above. Graduate credit is not awarded for courses numbered 4000-level and below. Graduate courses are taught by a member of the graduate faculty and are taken while the student is enrolled as a graduate student, or under the limited conditions in which an undergraduate may earn graduate credit (see **Work by Undergraduates**). Graduate students who enroll in 5000-level courses will be expected to complete assignments conforming to the higher standards of scholarship and research that guide the Graduate School.

Maximum and Minimum Course Loads

Graduate students enrolled in at least nine semester hours for the fall and spring semesters and six semester hours for the summer are considered full-time enrolled. Students on graduate assistantships, scholarships or fellowships are required to be enrolled full-time. Registration for course loads greater than fifteen semester hours for the fall and spring semesters and twelve semester hours for the summer requires program and Graduate School approval.

Catalog in Force

Generally, a student must meet all the requirements for a degree outlined in one catalog. The student may elect any catalog in force during his or her enrollment at the University, provided enrollment is continuous. A student who has a break in enrollment for five calendar years may not elect a catalog earlier than the one in force at the time of re-entry. Under no circumstances may a catalog more than 9 years old be used. In some instances, program or college graduation requirements may be imposed that are not included in the catalog under which the student has chosen to graduate. These additional or different

requirements are well publicized by the colleges involved.

Work by Undergraduates

A UNO undergraduate student who lacks not more than twelve semester hours for a UNO bachelor's degree may be permitted, after scheduling all required work for the degree, to register for up to 9 hours of graduate credit. This privilege applies only to students who have maintained a cumulative grade point average of 3.2. It is extended only upon recommendation of the dean of the student's college and by permission of the department. This approval must be obtained prior to the start of the semester involved. The courses for graduate credit must also be approved by the professor under whom the student intends to do major work as a graduate student. The total amount of work, graduate and undergraduate, for which a student covered by this provision may register may not exceed 15 semester hours.

Auditors

A student may be admitted to classes as an auditor by obtaining admission to The Graduate School in the regular fashion and by receiving the written permission of the instructor of the course. Auditors will not receive university credit, nor will they be permitted to take a credit examination on work audited.

Students may not change from audit to credit after the last day to add a course. With permission of the instructor, they may change from credit to audit within the first 15 class days of the semester (7 class days in the summer).

Examinations

A student must be enrolled in the University to receive credit in any examination (general, comprehensive, oral defense, etc.) or to satisfy other requirements for advanced degrees. A student may meet this requirement by registering for Examination or Report/Thesis Only (Course Number 7040) a one credit hour course. Registration for Examination Only (that is, registration in 7040) normally allowed for only one semester. However, in exceptional circumstances a student may be allowed to enroll in 7040 more than once. The request should be initiated by a faculty member in the student's degree program and include information about the student's progress towards the degree. At a minimum, the student must have turned in a completed draft of the manuscript to the student's thesis/dissertation committee. If the student is completing a non-thesis master's program, they must have initiated the comprehensive examination or project report. The decision regarding a second enrollment will be made by the Graduate School.

Failure to Drop or Resign as Prescribed

Once enrolled in a course, there is a prescribed procedure for either dropping or resigning. It is the student's responsibility to follow the required procedures and to meet the deadlines in this catalog for dropping courses and resigning from the University. Failure to comply usually results in a grade of F.

Correspondence Study

No graduate credit is allowed for work done by correspondence study.

Transfer of Credit

The majority of credits toward a graduate degree (either master's or doctoral) must be earned at the University of New Orleans. The maximum hours that can be transferred for doctoral degrees vary. The specific program of interest should be consulted for the limitations and conditions on transfers for doctoral degrees. Only credits earned in courses with a grade of "B" or higher may be transferred; thesis/dissertation research credits may not be transferred.

- A maximum of 9 hours earned as a non-matriculating student may be used in a master's degree program, if approved by the program and the College.
 - A maximum of one-third of the credit hours required for the degree transferred from other schools may be used in a master's degree program, if approved by the program and the College.
 - A maximum of one-half the credits required for a second degree may be applied from a prior master's degree at UNO, if approved by the program and the College.
 - No more than 50% of the hours required for a doctoral degree may be transferred. However, most doctoral programs allow fewer hours. The specific program of interest should be consulted for the limitations and conditions on transfers for doctoral degrees.
- To petition for acceptance of these credits, the student must be currently enrolled, must have completed at least 9 hours of graduate course work in a degree program at UNO, and must be in good academic standing. Transfer of credit is approved only for course work taken as a graduate student; no work graded lower than a B can be transferred. Transfer credit offered toward a degree is subject to the same time limits as course work taken at UNO.

Graduate work transferred from other institutions may be applied toward degree requirements, but the grades earned will not be computed in the UNO graduate average, unless the course is a joint degree program requirement.

Graduate Grading System

Grades in the Graduate School have these meanings:

A	has a value of four quality points per semester hour and indicates superior work.
B	has a value of three quality points per semester hour and indicates satisfactory work.
C	has a value of two quality points per semester hour and is below the expected level of performance. In some departments a course with a C grade may be accepted toward a degree, but strictly speaking, this grade represents work below the standard expected of a graduate student and should be construed as a warning that further work in the subject may be unwise. No more than six semester hours of credit with a grade of C may be applied to a graduate degree.
D	has a value of one quality point and indicates unsatisfactory work by the student. A course with a D grade may not be accepted toward a graduate degree.
F	has no quality point value and indicates grossly unsatisfactory work by the student.
I	If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, the instructor may assign an incomplete ("I") for the course. The "I" may be used only when all of the following conditions are met: (a) the student has satisfactorily completed a substantial portion of the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances acceptable to the instructor; and (c) the student and instructor agree on the assignment of the "I" grade before grades rosters are due. A grade of "I" must be changed to a completed grade before the last class day of the following regular semester (including summer) that the course was taken, or before a degree is awarded. If the "I" grade is not removed by the end of the following semester (all summer sessions count as one semester) or graduation; whichever comes first; the grade will convert to an "F." Receiving an "I" grade may have financial aid consequences; therefore, students should check with the Office of Financial Aid before agreeing to take an Incomplete. Students may not re-register in a course for which a grade of "I" has been assigned to them. Students may not register in any course that requires a course for which a grade of "I" has been assigned to them (example - you may not register in ENGL 1158 if you have received a grade of "I" in ENGL 1157).
S	is a grade given for satisfactory work in certain seminar and research courses, as well as in thesis (7000) and dissertation (7050) progression. If petitioned by the teacher or major professor within 45 calendar days after the last day for submitting final grades, a grade of S may be changed to a regular letter grade.
U	is a grade given for unsatisfactory work in certain seminar and research courses, as well as in thesis (7000) and dissertation (7050) progression. A grade of U serves notice of serious and immediate concern with regard to the student's advancement in the degree program. If petitioned by the teacher or major professor within 45 calendar days after the last day for submitting final grades, a grade of U may be changed to a regular letter grade.
W	means withdrawal. This grade is given when a student drops a course or resigns from the University before the appropriate deadline (see calendar). Credit hours for which a grade of W is recorded are not used in calculating the student's average.

Grade Appeal Policy

The course final grade appeal policy provides the student with a safeguard against receiving an unfair final grade in a course, while at the same time respecting the academic freedom of the instructor which is vital to the integrity of the teaching process at the University of New Orleans. The course final grade appeal process strives to resolve a dispute between student and instructor in the assignment of a course final grade at the collegial level. Every student has the right to have a request for consideration of his or her final grade reviewed by the chair of the department and a departmental Grade Appeal Committee. The course final grade appeal is confined to charges of unfair action against an individual student and may not involve a challenge of an instructor's class grading standard. It is incumbent on the student to substantiate the claim that his/her final grade in the course represents unfair treatment, compared to the standard applied to the remainder of the class. Only the final grade in a course may be appealed.

The following grade appeal procedure affords informal and formal mechanisms for arbitration of a grade disagreement between student and instructor. (To see the full policy and administrative guidelines, go to <http://www.uno.edu/student-affairs/student-policies/grade-appeal-policy.aspx>)

If a student believes that the final grade in a course is unfair, the student shall meet with the instructor to try to resolve the issue. If the dispute remains unresolved the student shall submit a formal written statement to the Department Chair no later than the end of the fourth week of the following semester (whether the student is actually enrolled at the University).

The Department Chair will attempt to resolve the conflict between the student and the instructor. If the dispute cannot be resolved through informal mediation, the student may request in writing that the Department Chair initiate a formal appeal procedure through the departmental Grade Appeal Committee. The Committee makes the final decision regarding the grade.

If either the instructor or the student wishes to challenge the outcome on procedural grounds (not the outcome of the appeal) he/she may appeal to the Director of the Graduate School. If it is determined that the procedures were not properly followed and the violations could have been material to the outcome of the hearing, the Director will direct the process be resumed at an appropriate point.

Academic Performance Standards

A cumulative grade-point average of 3.0 is considered by the Graduate School to be the minimum standard of academic performance. A student who fails to maintain a cumulative 3.0 average on graduate course work taken at UNO will be placed on academic probation and denied a graduate assistantship.

A student must earn a semester grade point of 3.0 or better each semester while on probation until a cumulative grade point of 3.0 is achieved. Failure to earn a semester grade point of 3.0 while on probation will result in being dropped from the University for one semester (not including summer).

Any student who returns after being dismissed returns on probationary status and must maintain a 3.0 semester grade point or else be dismissed permanently from the University. A student who is readmitted to a graduate program on probation, must make a 3.0 grade-point average in each semester or the student will be dismissed from the Graduate School. (For these purposes, the summer session is regarded as a semester.) Failure to meet specific academic performance standards established by the department may also result in the imposition of academic action against the student.

Academic Requirements for a Degree

To receive a graduate degree, the Graduate School requires that the student have a minimum cumulative grade-point average of 3.0 for all graduate course work, as well as all course work applied specifically to the degree. No more than six semester hours of credit with a grade of C may be applied to a Master's degree. A grade of D or F in any course may not be used to satisfy degree requirements. Students may not graduate if they have any incomplete (I) grades outstanding. A student may not graduate during a semester in which academic probation is imposed. (See also the sections on **Graduate Grading System and Academic Performance Required.**)

Graduation Requirements

Generally, a student must meet all the requirements for a degree outlined in one catalog. The student may elect any catalog in force during his or her enrollment at the University, provided enrollment is continuous. A student who breaks enrollment (either voluntarily or by compulsion) for five calendar years may not elect a catalog earlier than the one in force at the time of re-entry. Under no circumstances may a catalog more than 9 years old be used. In some instances, program or college graduation requirements may be imposed that are not included in the catalog under which the student has chosen to graduate. These additional or different requirements are well publicized by the colleges involved. There are several requirements which must be completed by all students prior to graduation.

The student must:

- complete all academic requirements for a degree.
- ascertain, that his or her Program of Study is accurate and complete. All Program of Study, Concentration or Option changes should be done not later than one semester prior to graduation. Submit an application for graduation and diploma fee to the Registrar's Office during the registration period of the last semester in residence.
- Dissertation students will be charged an additional fee to defray the cost for processing the manuscript.
- A student who has previously paid a diploma fee, but who failed to graduate at the time expected, must reapply and pay the application fee again.
- have all financial indebtedness to the University cleared prior to graduation.
- Complete an exit interview for financial aid.
- A student who does not follow and complete the above requirements and procedures will not be allowed to graduate.

Continuous Enrollment Policy

Once admitted to a graduate degree program, students must be enrolled every regular academic term (Fall and Spring) until they satisfy all degree requirements. Students who cannot enroll in a given term must apply for a leave of absence through their degree program in order to remain in good standing. Eligible doctoral candidates (advanced to candidacy, exceeded coursework requirements, no financial holds) will be automatically enrolled in a 1-hour Continuous Enrollment course (7060).

Leave of Absence Policy

Graduate students may apply for a leave of absence of no more than two semesters. A student on leave may not use any University facilities nor is the student entitled to receive advice from any member of the faculty. The request for leave of absence should be made in advance of the semester in which leave is to be taken.

Doctoral students who fail to register continuously and who have not been granted a leave of absence may be required to re-apply for candidacy as well as for admission to the graduate program.

Graduate Assistantships, Fellowships and Scholarships

A number of teaching, research, and professional assistantships are available for qualified students in all areas of the University. Graduate assistants may be appointed for the academic year (nine months), fiscal year (12 months), or summer. Graduate assistants must be enrolled as full-time (9 graduate credit hours in Fall and Spring) students and maintain a 3.0 grade point average. International graduate assistants who have primary responsibility for teaching a course (Teaching Associate) are required to have a TOEFL score of 100 (internet-based score), IELTS overall band score of 7.5 or PTE academic score of 61. Individual graduate programs may have higher requirements.

Assistantships provide a salary, and a waiver of the non-resident fee. Inquiries and applications should be made directly to the student's degree program or University department.

Graduate Scholarships

The Graduate School at the University of New Orleans distributes merit-based awards once each year. Scholastic performance and test scores are among the criteria evaluated. Applicants must be newly and unconditionally accepted to a UNO graduate program in a Fall semester, have a suitable GRE or GMAT score, meet the GPA requirements for the award and maintain nine credit hours of graduate coursework each semester (spring and fall). In addition, applicants must be nominated for an award by the program to which they have been admitted. Students should contact their graduate coordinator to initiate the process. All awards are renewable annually for up to two years for master's degree students (three years for MFA students) and four years for doctoral degree students, provided that students maintain the required cumulative GPA, satisfy the enrollment requirements of the award, and retain the support of their degree program.

Excellence Award

Any student fully admitted into a graduate degree program, with 3.0+ undergraduate and/or 3.5+ graduate GPA is eligible to be nominated for this award. This scholarship provides a waiver of tuition for the academic year (fall and spring). Recipients are required to complete nine graduate credit hours each fall and spring. Due Date: March 15.

Impact Award

Any student fully admitted into a graduate degree program, with 3.0+ undergraduate and/or 3.5+ graduate GPA is eligible to be nominated for this award. This scholarship provides a waiver of \$4000 for the academic year (fall and spring). Recipients are required to complete nine graduate credit hours each fall and spring. Due Date: March 15

Professional Award

Any student fully admitted into a graduate degree program, with 3.0+ undergraduate and/or 3.5+ graduate GPA is eligible to be nominated for this award. This scholarship provides a waiver of \$1500 for the academic year (fall and spring). Recipients are required to complete six graduate credit hours each fall and spring. Due Date: March 15

Student Financial Aid

For detailed information go to www.uno.edu/finaid .

Career Services

The Career Services office assists students with their career planning and provides information and materials on career development and employment opportunities. Career Services is a member of the National Association of Colleges and Employers (NACE) and follows NACE's principles. Current students can register for the Career Compass that automates the entire career connection process for student profiles, resume uploads, job postings, and internships/cooperative experiences.

Affiliated Research

Oak Ridge Associated Universities

The University of New Orleans is affiliated with the Oak Ridge Associated Universities (ORAU) which provides research collaboration opportunities with federal research facilities, other universities within the southeast, and corporate organizations. Together the universities work toward acquiring joint opportunities to compete for large research projects, to acquire shared information technology and to work in additional ways made possible by the critical number of universities involved. ORAU also offer opportunities to faculty and graduate students to participate in research through fellowships for graduate students and research affiliations for faculty.

Louisiana Universities Marine Consortium

The Louisiana Universities Marine Consortium (LUMCON) is an organization of public universities in the state including the University of New Orleans. LUMCON was chartered in 1979 to develop coordinated marine research and education within the state university system and provide coastal facilities for these programs.

LUMCON's principal facility is the Universities Marine Center at Cocodrie. The Marine Center consists of a fifty thousand square foot laboratory-dormitory complex, ninety-five foot and fifty-five-foot research vessels, numerous small vessels and collecting equipment, and docking and service facilities for all the vessels. Satellite facilities with laboratories, accommodations, and small boats are operational at Port Fourchon and at Fearman Bayou. The Port Fourchon Laboratory provides ready access to salt and brackish marshes, the bays and bayous of the Timbalier and Barataria Bay systems, beaches, and the Gulf of Mexico; while the Fearman Bayou Laboratory provides access to a wildlife refuge on Vermillion Bay, brackish and fresh water marshes, and coastal cheniers.

College courses in the marine sciences offered at all three facilities emphasize extensive field experience and studies of living organisms in their natural habitat and in the laboratory. Enrollment in each course may be limited by space and accommodations available at a particular laboratory, but applicants from member institutions of LUMCON will be given priority. Students enrolled at UNO will register for LUMCON courses through UNO and will pay tuition based on the UNO fee schedule. Credit for such courses will be awarded by UNO and will be recorded on student transcripts. For details of marine science courses to be offered at LUMCON facilities see Courses of Instruction in Biological Sciences and consult the Chairs of the Departments of Biological Sciences and Earth and Environmental Sciences.

Louisiana Alliance for Minority Participation (LAMP)

The University of New Orleans is a recipient of funds from the National Science Foundation through the Louisiana Board of Regents to implement and administer a program on the UNO campus called the Louisiana Alliance for Minority Participation (LAMP). LAMP goals are to expand and reinforce systemic mentoring, including research participation and guidance to graduate students. The overall goal is to improve minority participation in science and math education and technology. Various LAMP programs introduce students to research tools and methods, provide hands-on research experience, build computer and technology skills, and help students prepare for graduate school.

Southeastern Universities Research Association (SURA)

The University of New Orleans has been a member of the Southeastern Universities Research Association (SURA) since 1993. SURA is a consortium of colleges and universities in the southern United States and the District of Columbia established as a non-stock, nonprofit corporation. SURA serves as an entity through which colleges, universities, and other organizations may cooperate with one another and with government in acquiring, developing, and using laboratories and other research facilities and in furthering knowledge and the application of that knowledge in the physical, biological, and other natural sciences and engineering.

SURA's goals are to foster excellence in scientific research, to strengthen the scientific and technical capabilities of the nation and of the Southeast, and to provide outstanding training opportunities for the next generation of scientists and engineers.

The most recent consortium emphases of SURA have focused on Information Technology (IT) and Internet II, advanced materials research, and coastal research activities.