## UNIVERSITY CORE REQUIREMENTS

- **UNIV 1001: University Perspectives: Destination Graduation** (freshmen must complete during first year)

## MAJOR REQUIREMENTS

### CHEMISTRY (43 hrs minimum)
- **CHEM 1123/1121L Chemistry for Majors I**
- **CHEM 1223/1211L Chemistry for Majors II or**
- **CHEM 1103/1101L University Chemistry I**
- **CHEM 1123/1121L University Chemistry II**
- **CHEM 2263/2261L Analytical Chemistry**
- **CHEM 3603/3601L Organic Chemistry I**
- **CHEM 3613/3611L Organic Chemistry II or**
- **CHEM 3703/3702L Organic Chemistry I for Majors**
- **CHEM 3713/3712L Organic Chemistry II for Majors**
- **CHEM 3504 Physical Chemistry I**
- **CHEM 3514/3512L Physical Chemistry II**
- **CHEM 4813H Honors Biochemistry I (same as CHEM 5813)**
- **CHEM 4843H Honors Biochemistry II (same as CHEM 5843)**
- **CHEM 3813 Introduction to Biochemistry**
- **CHEM 4723 Experimental Methods in Organic Chemistry**
- **CHEM 4213/4211L Instrumental Analysis**
- **CHEM 4853 Biochemical Techniques**
- Completion of a senior thesis based on independent research wherein at least one credit hour is earned in CHEM 400V (chemistry research) and/or CHEM 498V (senior thesis) during each of three different semesters.
- The Fulbright College writing requirement for non-honors students will be satisfied with satisfactory completion of the formal research/analytical reports required in Physical Chemistry Laboratory - CHEM 3451L or CHEM 3512L.
- Required General Electives (hours vary; discuss with your advisor)

### MATHEMATICS (2 courses • 8 hrs)
- **MATH 2554 Calculus I**
- **MATH 2564 Calculus II**

### PHYSICS (2 courses • 8 hrs)
- **PHYS 2054 University Physics I**
- **PHYS 2074 University Physics II**

### BIOLOGY (3 courses • 11 hrs)
- **BIOL 1543/1541L Principles of Biology**
- **BIOL 2533/2531L Cell Biology**

Select any BIOL lecture course numbered 3000 or higher:
- **BIOL**

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### SOCIAL SCIENCES (3 courses from at least 2 fields • 9 hrs)
- **AGEC 1113 Principles of Agricultural Microeconomics**
- **AGEC 2103 Principles of Agricultural Macroeconomics**
- **ANTH 1023 Intro to Cultural Anthropology**
- **COMM 1003 Film Lecture**
- **DANC 1003 Movement and Dance**
- **LARC 1003 The American Landscape**
- **MLIT 1003 Music Lecture**
- **MLIT 1013 Music Lecture for Music Majors**
- **THTR 1003 Theatre Appreciation**
- **THTR 1013 Musical Theatre Appreciation**

### SCIENCES (3 courses from at least 2 fields • 9 hrs)
- **AGEC 1113 Principles of Agricultural Microeconomics**
- **AGEC 2103 Principles of Agricultural Macroeconomics**
- **ANTH 1023 Intro to Cultural Anthropology**
- **COMM 1003 Film Lecture**
- **DANC 1003 Movement and Dance**
- **LARC 1003 The American Landscape**
- **MLIT 1003 Music Lecture**
- **MLIT 1013 Music Lecture for Music Majors**
- **THTR 1003 Theatre Appreciation**
- **THTR 1013 Musical Theatre Appreciation**

### HUMANITIES (1 course • 3 hrs)
- **World language at Intermediate I (2003) level**
- **AAT 2023 The African American Experience**
- **ARCH 1013 Diversity and Design**
- **CLST 1003 Intro to Classical Studies: Greece**
- **CLST 1013 Intro to Classical Studies: Rome**
- **COMM 1233 Media, Community, and Citizenship**
- **ENGL 1213 Intro to Literature**
- **HUMN 1124H Honors Eq. of Cultures, 500-1600**
- **HUMN 2003 Intro to Gender Studies**
- **HUMN 2124H Honors 20th Century Global Culture**
- **PHL 2003 Intro to Philosophy**
- **PHL 2013 Intro to Ethics**
- **PHL 2023 Logic**
- **PHL 3013 Ethics and the Professions**
- **WLT 1113 World Literature I**
- **WLT 1123 World Literature II**

### NATURAL SCIENCES (2 courses • 8 hrs)
- **ANTH 1013/1011L Intro to Biological Anthropology**
- **ASTR 2003/2001L Survey of the Universe**
- **BIOL 1543/1541L Principles of Biology**
- **BIOL 1603/1601L Principles of Zoology**
- **BIOL 1613/1611L Plant Biology**
- **BIOL 2213/2211L Human Physiology**
- **BIOL 2443/2441L Human Anatomy**
- **CHEM 1053/1051L Chemistry in the Modern World**
- **CHEM 1073/1071L Fundamentals of Chemistry**
- **CHEM 1103/1101L University Chemistry I**
- **CHEM 1113 University Chem. for Engineers I**
- **CHEM 1123/1121L University Chemistry II**
- **CHEM 1133/1131L University Chem. for Engineers II**
- **CHEM 1213/1211L Chemistry for Majors I**
- **CHEM 1223/1221L Chemistry for Majors II**
- **CHEM 1223/1221L Chemistry for Majors II**
- **CHEM 4813H Honors Biochemistry I (same as CHEM 5813)**
- **CHEM 4843H Honors Biochemistry II (same as CHEM 5843)**

### PHYSICS (2 courses • 8 hrs)
- **PHYS 2054 University Physics I**
- **PHYS 2074 University Physics II**

### BIOLOGY (3 courses • 11 hrs)
- **BIOL 1543/1541L Principles of Biology**
- **BIOL 2533/2531L Cell Biology**

Select any BIOL lecture course numbered 3000 or higher:
- **BIOL**

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*Honors students only

Bolded courses indicate those that may also be required in the major.

Courses listed under University Core Requirements cannot be used more than once within the University Core Requirements section.