NATURAL SCIENCES & MATHEMATICS
(20 hours minimum, including at least one MATH course)
- Honors must come from at least two groups
- Minimum honors hours: 16

Physics & Astronomy
- PHYS 2054 or 2054H University Physics I
- PHYS 2074 or 2074H University Physics II

Biology & Anthropology
- ANTH 1013/1011L or 1013H/1011M Biol. Anthropology
- BIOL 1003/1001L Environmental Science
- OR ENSC 1003(H)/1001L (M) Environmental Science
- BIOL 1543/1541L or 1543/1541M Principles of Biology
- BIOL 1584 Biology for Majors
- BIOL 1603/1601L or 1603/1601M Principles of Zoology
- BIOL 1613/1611L or 1613/1611M Plant Biology
- BIOL 2013/2011L or 2013/2011M General Microbiology

Chemistry
- CHEM 1103/1101L University Chemistry I*
- CHEM 1123/1121L or 1123H/1121M University Chemistry II
- CHEM 1203/1201L Chemistry for Majors I*
- CHEM 1223/1221L Chemistry for Majors II*
- CHEM 3603/3601L or CHEM 3603H/3602M Organic Chemistry I
- CHEM 3613/3611L or CHEM 3613H/3612M Organic Chemistry II
- CHEM 3703/3702L Organic Chemistry for Majors I*
- CHEM 3713/3712L Organic Chemistry for Majors II*
- PHYS 1023/1021L or 1023H/1021M Physics & Human Affairs

Geology
- GEOG 1113/1111L or 1113H/1111M General Geology
- GEOG 1133/1131L Environmental Geology

Mathematics
- MATH 2554C or 2554H Calculus I
- MATH 2564C or 2564H Calculus II
- MATH 2574C or 2574H Calculus III

HUMANITIES & SOCIAL SCIENCES
(6 courses • 18 hours)
- Minimum honors hours: 9

Social Sciences (1 courses • 3 hours)
- ANTH 1023 or 1023H Intro to Cultural Anthropology
- COMM 1023 or 1023H Communication in a Diverse World
- ECON 2013 or 2013H Principles of Macroeconomics
- ECON 2023 or 2023H Principles of Microeconomics
- ECON 2143 or 2143H Basic Economics
- GEOS 2003 or 2003H World Regional Geography
- PSYC 2003 or 2003H General Psychology
- SOCI 2013 or 2013H General Sociology

World Civilization (2 courses • 6 hours)
- HIST 1113 or 1113H Inst. and Ideas of World Civ. I
- HIST 1123 or 1123H Inst. and Ideas of World Civ. II

Fine Arts & Humanities (3 courses – 9 hours) Select one course from Fine Arts & Humanities sections, then select a third course from either section.

Fine Arts (select one)
- ARCH 1003 or 1003H Architecture Lecture
- ARHS 1003 or 1003H Art Lecture
- COMM 1003 or 1003H Film Lecture
- DANC 1003 or 1003H Movement and Dance
- ENGL 2023 Creative Writing I
- MLIT 1003 or 1003H Experiencing Music
- MLIT 1013 or 1013H Music & Society
- MLIT 1333 Popular Music
- THTR 1003 or 1003H Theatre Appreciation
- THTR 1013 Musical Theatre Appreciation
- THTR 1223 Introduction to Theatre**

Humanities (select one)
- AAST 2023 The African American Experience
- CLST 1003 or 1003H Intro to Classical Studies: Greece
- CLST 1013 or 1013H Intro to Classical Studies: Rome
- GNST 2003 or 2003H Intro to Gender Studies
- COMM 1233 or 1233H Media, Community, & Citizenship
- MUSY 2003 or 2003H Music in World Cultures
- WLIT 1123 or 1123H World Literature I
- Any other 2000+ WLIT or World Language literature course

COLLOQUIA & OTHER REQUIREMENTS
(hours vary based on exemptions & language placement)

- UNIV 1001H: University Perspectives (freshmen must complete during first year)

English Composition (2 courses • 6 hours)
- ENGL 1013 Composition I
- ENGL 1023 Composition II

U.S. History or Government (1 course • 3 hours)
- HIST 2003 History of the American People to 1877
- HIST 2103 History of the American People 1877 to Pres
- PLSC 2003 or 2003H American Nat'l Government

World language through the Intermediate I (2003 level or higher) (hours vary)
- ______________________(2003)

Honors Colloquia (3 courses • 9 hours)
One from each approved area. No more than three (3) hours of required colloquia may be earned either abroad or in an intersession.
- Humanities
- Social Science
- Natural Science or Mathematics

* Students who complete University Chemistry I followed by Honors University Chemistry II will receive eight hours of honors science credit.

** Students who complete THTR 1223, Introduction to Theatre, will receive 3 hours of honors credit.
### Fulbright College Advising Center

**College Scholars Core Requirements for a Bachelor of Science**

Minimum degree credit hours required to graduate = 120 (Core + Major + General Electives)

#### Option 2

<table>
<thead>
<tr>
<th>Natural Sciences &amp; Mathematics</th>
<th>Humanities &amp; Social Sciences</th>
<th>Colloquia &amp; Other Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(20 hours minimum, including at least one MATH course)</strong></td>
<td><strong>(5 courses • 18 hours)</strong></td>
<td><strong>(hours vary based on exemptions &amp; language placement)</strong></td>
</tr>
<tr>
<td>- Honors hours must come from at least two groups</td>
<td><strong>Social Sciences (1 course • 3 hours)</strong></td>
<td>✑ UNIV 1001H: University Perspectives (freshmen must complete during first year)</td>
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<tr>
<td>- Minimum honors hours: 16</td>
<td>✑ ANTH 1023 or 1023H Intro to Cultural Anthropology</td>
<td>English Composition (2 courses • 6 hours)</td>
</tr>
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<td><strong>Physics &amp; Astronomy</strong></td>
<td>✑ COMM 1023 or 1023H Communication in a Diverse World</td>
<td>✑ ENGL 1013 Composition I</td>
</tr>
<tr>
<td>- PHYS 2054 or 2054H University Physics I</td>
<td>✑ ECON 2023 or 2023H Principles of Microeconomics</td>
<td>U.S. History or Government (1 course • 3 hours)</td>
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<tr>
<td>- PHYS 2074 or 2074H University Physics II</td>
<td>✑ ECON 2143 or 2143H Basic Economics</td>
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<td><strong>Biology &amp; Anthropology</strong></td>
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<td>✑ SOCI 2013 or 2013H General Sociology</td>
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<td>- OR ENSC 1003(H)/1001L (M) Environmental Science</td>
<td><strong>Humanities (3 courses – 12 hours)</strong></td>
<td>✑ ______________________(2003)</td>
</tr>
<tr>
<td>- BIOL 1543/1541L or 1543/1541M Principles of Biology</td>
<td>✑ HUMN 1114H Roots of Culture to 500 C.E.</td>
<td><strong>Honors Colloquia (3 courses • 9 hours)</strong></td>
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<td>- BIOL 1584 Biology for Majors*</td>
<td>✑ HUMN 1124H Equilibrium of Cultures, 500-1600</td>
<td>One from each approved area. No more than three (3) hours of required colloquia may be earned either abroad or in an intersession.</td>
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<td>- BIOL 1603/1601L or 1603/1601M Principles of Zoology</td>
<td>✑ HUMN 2114H Birth of Modern Culture, 1600 - 1900</td>
<td>✑ Humanities</td>
</tr>
<tr>
<td>- BIOL 1613/1611L or 1613/1611M Plant Biology</td>
<td><strong>Fine Arts (1 course – 3 hours)</strong></td>
<td>✑ Social Science</td>
</tr>
<tr>
<td>- BIOL 2013/2011L or 2013/2011M General Microbiology</td>
<td>✑ ARCH 1003 or 1003H Architecture Lecture</td>
<td>✑ Natural Science or Mathematics</td>
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<td>✑ ARHS 1003 or 1003H Art Lecture</td>
<td>* Students who complete University Chemistry I will receive eight hours of honors science credit. Chemistry I &amp; II for Majors, Organic Chemistry I &amp; II for Majors, and BIOL 1584 also count as honors science credit.</td>
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<td>- CHEM 1103/1101L University Chemistry I*</td>
<td>✑ COMM 1003 or 1003H Film Lecture</td>
<td>** Students who complete THTR 1223, Introduction to Theatre, will receive three hours of honors credit.</td>
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<td><strong>Notes:</strong></td>
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<td><strong>Mathematics</strong></td>
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<td>- MATH 2554C or 2554H Calculus I</td>
<td>- Students who complete University Chemistry I will receive eight hours of honors science credit. Chemistry I &amp; II for Majors, Organic Chemistry I &amp; II for Majors, and BIOL 1584 also count as honors science credit.</td>
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<tr>
<td>- MATH 2574C or 2574H Calculus III</td>
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</tr>
</tbody>
</table>

Minimum honors hours: 9 hours

- Humanities (3 courses – 12 hours)
- Fine Arts (1 course – 3 hours)
- Social Sciences (1 course • 3 hours)

* Honors Colloquia (3 courses • 9 hours)

** Honors Colloquia (3 courses • 9 hours)

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* Students who complete University Chemistry I will receive eight hours of honors science credit. Chemistry I & II for Majors, Organic Chemistry I & II for Majors, and BIOL 1584 also count as honors science credit.

** Students who complete THTR 1223, Introduction to Theatre, will receive three hours of honors credit.
CHEMISTRY (5 courses • 19 hours)
- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II
- CHEM 3603/3601L Organic Chemistry I
- CHEM 3613/3611L Organic Chemistry II
- CHEM 3813 Intro to Biochemistry

MATHEMATICS (1 course • 4 hours)
- MATH 2554 Calculus I
  **Note:** MATH 2564 Calculus II is recommended.

PHYSICS (2 courses • 8 hours)
- PHYS 2013/2011L College Physics I***
- PHYS 2033/2031L College Physics II or
- PHYS 2054 University Physics I
- PHYS 2074 University Physics II
  *** (MATH 1203 + 1213), MATH 1284C, or MATH 2554 is the pre-requisite for PHYS 2013/2011L

STATISTICS (1 course • 3-4 hours)
- STAT 2023 Biostatistics (Spring Only)
- STAT 2303 Principles of Statistics
- STAT 4003/4001L Statistical Methods

PHILOSOPHY (1 course • 3 hours)
- PHIL 2103 Intro to Ethics
- PHIL 2203 Logic
- PHIL 3113 Environmental Ethics
- PHIL 4213 Philosophy of Science

BIOLOGY FOUNDATION (1 course • 4 hours)
- BIOL 1584 Biology for Majors

BIOLOGY CORE (4 courses + 1 lab • 13 hours)
- BIOL 2533 Cell Biology **
- BIOL 2323 General Genetics **
- BIOL 3863 General Ecology
- A lab from one of the three BIOL courses above
- BIOL 3023 Evolutionary Biology
  **See catalog of studies for pre-requisite information.

BIOLOGY ELECTIVES (23 hours minimum) *
- BIOL 1603/1601L Principles of Zoology
- BIOL 1613/1611L Plant Biology

*Note: No more than 4 hours from above may apply

Select **two** lab courses numbered 2000 or higher. This includes additional BIOLOGY CORE labs, special topics/research courses with a lab, and other BIOL courses numbered 3000 or higher with a lab.
- BIOL ____________  BIOL ____________

BIOL courses numbered 3000 or higher (6 hours minimum)
- BIOL ____________  BIOL ____________

BIOL courses numbered 4000 or higher (12 hours minimum)
- BIOL ____________  BIOL ____________
- BIOL ____________  BIOL ____________

**Note:** The following courses cannot be used in the BIOLOGY ELECTIVES section: BIOL 2013/2011L General Microbiology, BIOL 2213/2211L Human Physiology, and BIOL 2443/2441L Human Anatomy. However, BIOL related electives that are not taught by the Department of Biological Sciences must be approved using the "Exception Request for major or minor requirements" form.