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

U.S. HISTORY (1 course-3 hours)
- HIST 2003 History of the American People to 1877
- HIST 2013 History of the American People 1877 to Present
- PLSC 2003 American National Government

Note: U.S. History & Government courses cannot be used more than once within the University Core.

FINE ARTS (1 course • 3 hours)
- ARCH 1003 Architecture Lecture
- ARHS 1003 Art Lecture
- 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 hours)
- AAST 2023 The African American Experience
- 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
- GNSI 2003 Intro to Gender Studies
- HUMN 1124H* Honors Eq. of Cultures, 500-1600
- HUMN 2124H* Honors 20th Century Global Culture
- MLIT 2003 Music in World Cultures
- PHIL 2003 Intro to Philosophy
- PHIL 2103 Intro to Ethics
- PHIL 2203 Logic
- PHIL 3103 Ethics and the Professions
- WLIT 1113 World Literature I
- WLIT 1123 World Literature II

World language at Intermediate I (2003) level

UNIV 1001: University Perspectives
(Freshmen must complete during first year)

SOCIAL SCIENCES (3 courses from at least 2 fields • 9 hours)
- AGEC 1103 Principles of Agricultural Microeconomics
- AGEC 2103 Principles of Agricultural Macroeconomics
- ANTH 1023 Intro to Cultural Anthropology
- COMM 1023 Communication in a Diverse World
- ECON 2103 Principles of Macroeconomics
- ECON 2203 Principles of Microeconomics
- ECON 2143 Basic Economics: Theory and Practice
- GEOG 1123 Human Geography
- GEOG 2003 World Regional Geography
- HESC 2413 Family Relations
- HIST 1113 Institutions and Ideas of World Civilizations I
- HIST 1123 Institutions and Ideas of World Civilizations II
- HIST 2003 History of the American People to 1877
- HIST 2013 History of the American People 1877 to Present
- HUMN 1114H* Honors Roots of Culture to 500 C.E.
- HUMN 2114H* Honors Birth of Modern Culture, 1600-1900
- PLSC 2003 American National Government
- PLSC 2013 Intro to Comparative Politics
- PLSC 2203 State and Local Government
- PSYC 2003 General Psychology
- RESM 2853 Leisure and Society
- RSOC 2603 Rural Sociology
- SOCI 2103 General Sociology
- SOCI 2033 Social Problems

Note: Biology majors must complete a philosophy course for their humanities requirement.
# Bachelor of Arts Biology (BA)/Grades 7-12 Life Science Licensure

## Major Requirements

Please see your Fulbright adviser for an official degree plan.

### CHEMISTRY CORE (1 courses—45 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 2613/2611L Organic Physiological Chemistry

### CHEM 1103/1101L University Chemistry I
### BIOL 1543/1541L Principles of Biology
**Principles of Biology** (1 course- 4 hours)
- CHEM 1123/1121L University Chemistry II

### CHEM 1123/1121L University Chemistry II
### BIOL 2533 Cell Biology
**BIOLOGY CORE (4 courses + 1 lab • 13 hours)**
- CHEM 3603/3601L Organic Chemistry I
- 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

### CHM 3603/3601L Organic Chemistry I
### BIOL 2323 General Genetics

### CHEM 3613/3611L Organic Chemistry II
### BIOL 3863 General Ecology

### CHEM 2613/2611L Organic Physiological Chemistry
### BIOL 3023 Evolutionary Biology

### MATHEMATICS (2 courses—6 hours)
- MATH 2043 Survey of Calculus
- MATH 2554 Calculus I

### PHYSICS (2 courses—8 hours)
- PHYS 2013/2011L College Physics I
- PHYS 2033/2031L College Physics II

*Note: MATH 1213, 1284, or 2554 (“C” or better), ACT Math score (26), or SAT Math score (600) required for PHYS 2013/2011L*

**BIOLOGY ELECTIVES numbered 3000 or higher (3 courses • 9 hours)**
- BIOL 3273 Research Methods

**BIOLOGY ELECTIVES numbered 2000 or higher with a lab (1 course • 4 hours)**
- BIOL 3273 Research Methods

### PHYSICS 2013/2011L College Physics I

**BIOLOGY WRITING REQUIREMENT**
*Students can use their Inquiry IV paper in BIOL 3273 as a starting point for the Biology Writing Requirement- under the supervision of a biology faculty member. Otherwise the requirement can be met by completion of BIOL 498V supervised by a biology faculty member, or by an honors’ thesis.*

### PHYSICS 2033/2031L College Physics II
### SAMPLE COURSE SEQUENCE

Please see your Fulbright adviser for an official degree plan.

<table>
<thead>
<tr>
<th>Fall Semesters</th>
<th>Hours</th>
<th>Spring Semesters</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
<td>(total of 29 - 31 credit hours)</td>
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<tr>
<td>ARSC 1201</td>
<td>Step I Inquiry Approaches to Teaching</td>
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<td>ARSC 1221</td>
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<tr>
<td>CHEM 1103/L</td>
<td>University Chemistry I</td>
<td>4</td>
<td>CHEM 1123/L</td>
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<td>MATH 2043</td>
<td>Survey of Calculus</td>
<td>3/4</td>
<td>BIOL 2323/2321L</td>
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<tr>
<td>BIOL 1543/L</td>
<td>Principles of Biology</td>
<td>4</td>
<td>ENGL 1023</td>
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<tr>
<td>ENGL 1013</td>
<td>English Composition I</td>
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<td><strong>Total</strong></td>
<td>15 or 16</td>
<td><strong>Total</strong></td>
<td>15-16</td>
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</tbody>
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| **Sophomore Year** | (total of 31 - 33 credit hours) |       |
| STEM 2103 | Knowing and Learning | 3 | STEM 2203 | Classroom Interactions | 3 |
| CHEM 3603/L | Organic Chemistry I | 4 | CHEM 3613/L | Organic Chemistry II | 4 |
| BIOL 2533 | Cell Biology (lab opt) | 3/4 | BIOL 3023 | Evolutionary Biology | 3 |
| STAT 2023 | Biostatistics | 3 | FA/HIST/SS | Required Core Electives | 3 |
| FA/HIST/SS | Required Core Electives | 3 | FA/HIST/SS | Required Core Electives | 3 |
| **Total** | 16-17 | **Total** | 16 |

| **Junior Year** | (total of 28-30 credit hours) |
| PHYS 2013/L | College Physics I | 4 | BIOL 3863 | General Ecology (lab opt) | 3/4 |
| FA/HIST/SS | Required Core Electives | 3 | PHYS 2033/L | College Physics II | 4 |
| BIOL lab | Biology course w/lab 2000 or higher | 4 | FA/HIST/SS | Required Core Electives | 3 |
| ARSC 2303 | Perspectives on Math and Science | 3 |
| **Total** | 14 | **Total** | 13-14 |

| **Senior Year** | (total of 27 credit hours) |       |
| STEM 3303 | Project-Based Instruction | 3 | STEM 4409 | Supervised Teaching | 9 |
| BIOL elective | Biology course level 3000 or higher | 3 | Free elective | Electives as needed | 3 |
| BIOL elective | Biology course level 3000 or higher | 3 | Free elective | Electives as needed | 0-3 |
| Free elective | Electives as needed | 3 |
| **Total** | 12 | **Total** | 9 |

**Note:** A total of 2 lab courses numbered 2000 or higher are required including one required lab from the Biology Core courses.