## General Education Requirements and Degree Information: BACHELOR OF ARTS IN BIOLOGY

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit</th>
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<tbody>
<tr>
<td>FY/Adv. Entry Seminar: 05-012/212</td>
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**Foreign Language (4 sem.)**

| I.  |       |        |
| II. |       |        |
| III.|       |        |
| IV. |       |        |

**Social Justice Course:**

**Intercultural Perspective Course:**

**2 different FRAs:**

**Humanities: 2 courses, may be same dept.:**

**Paideia:**

<table>
<thead>
<tr>
<th>Cluster</th>
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**BIOLOGY MAJOR (BA)**

<table>
<thead>
<tr>
<th>Course 1:</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Course 2:</td>
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<td>Course 3:</td>
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**Seminar:**

**Distinction:**

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A "C" average on all work attempted is required for graduation. No grade below "C-" may be counted toward the major or minor. At least 127 credits are required to earn a degree at Southwestern; of these, 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. A major requires at least 30 credits, 60% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance.
### BIO50-121 Investigation into Living Systems
### BIO50-123 Living Systems
### BIO50-133 Molecular & Population Genetics
### BIO50-131 Investigation in Genetics
### BIO50-222 Methods in Ecol/Evol Bio
### BIO50-232 Methods in Cell/Mol Bio

<table>
<thead>
<tr>
<th><strong>5 BIOL courses at 300+ level (3/5 must have labs)</strong></th>
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<tbody>
<tr>
<td>1 advanced cell/molec. course:</td>
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<tr>
<td>50-xxx</td>
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<table>
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<tr>
<th><strong>1 advanced ecol/evol. bio course:</strong></th>
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<tbody>
<tr>
<td>50-xxx</td>
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**BIO course 300 or higher**
- BIO course 300 or higher
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### Required Support Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade</th>
<th>Credit</th>
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<tbody>
<tr>
<td>CHE 51-153/151</td>
<td>Gen. Chem. I w/lab</td>
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<tr>
<td>CHE 51-163/161</td>
<td>Gen. Chem II w/lab</td>
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<tr>
<td>CHE51-543/-541 Organic Chemistry I w/lab</td>
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<td>MAT52-114 Statistics</td>
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**Capstone is considered complete upon successful completion of five 300+ courses listed above**

**Total credits w/gen ed:**

**Minimum of 127 credits required.**