Curriculum Guide

Bachelor of Arts in Biology

Core Requirements

MAJOR REQUIREMENTS

I. Foundation Courses
- BIO 145 Foundations of Bio 4
  A systematics course:
  - BIO 262 Animal Systematics 4
  or
  - BIO 222 Entomology 4
  or
  - BIO 263 Plant Systematics 4
  or
  - BIO 212 Microbiology 4

II. Breadth in the Discipline of Biology
- BIO 322 Genetics 4
  A physiology course:
  - BIO 352 Animal Physiology 4
  or
  - BIO 294 Human Physiology 4
  or
  - BIO 302 Plant Physiology 4
  - BIO 342 Biostatistics and Research Methods 4
  - BIO 392 General Ecology 4
  - BIO 393 Cell Biology 4

Choose one elective below: (based on availability and intent)
- BIO 212 Microbiology 4
- BIO 222 Entomology 4
- BIO 262 Animal Systematics 4
- BIO 263 Plant Systematics 4
- BIO 272 Animal Behavior 4
- BIO 273 Toxicology 4
- BIO 282 Comp. Chord. Anat. 4
- BIO 284 Human Anatomy 4
- BIO 293 Immunology/Parasitology 4
- BIO 342 Developmental Biology 4
- BIO 343 Molecular Biology 4

Note: Courses applied as fundamental courses may not also be applied as breadth in the discipline courses.

III. Senior Capstone Experience
- BIO 452 Advanced Biology Vary
  or
- BIO 482 Independent Study
- BIO 462 Senior Seminar 2

To determine fulfillment of requirements for graduation, consult the department to certify major requirements and the registrar to certify the core requirements.
MAJOR REQUIREMENTS (continued)

oral presentation. See the biology chair for specific requirements of the research project.

III Related Math and Science Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Enrolled</th>
<th>Completed</th>
<th>Grade</th>
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<tbody>
<tr>
<td>MATH 141</td>
<td>Precalculus (minimum required)</td>
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<td>CHEM 140</td>
<td>General Chemistry I</td>
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<td>CHEM 160</td>
<td>General Chemistry II</td>
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<td>PHYS 154</td>
<td>Intro. to Physics I (non-calculus based)</td>
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<td>PHYS 184</td>
<td>Intro. to Physics II (calculus-based)</td>
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All courses taken for the major in biology must be passed with a grade of C or better.