III. BIOLOGICAL SCIENCES

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### 8-Semester Plans

#### Biology Curriculum

#### Biomedical Concentration

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### Cellular Concentration

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### Ecological Concentration

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*QuEST requirement

Students must have a minimum of 17 credits in their concentration. They must also have three 300/400 level lab courses OR two 300/400 level lab courses and one BIOL course with extensive field experience (BIOL 218, 269, 290, or 297) within the major. Lab courses must be BIOL courses or CHEM 410.
### Organismal Concentration

#### 8 Semester Plan

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*QuEST requirement

Students must have a minimum of 17 credits in their concentration. They must also have three 300/400 level lab courses OR two 300/400 level lab courses and one BIOL course with extensive field experience (BIOL 218, 269, 290, or 297) within the major. Lab courses must be BIOL courses or CHEM 410.
# Biology with Secondary Teaching Certification

## 8 Semester Plan

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<td>Animal Form and Function (J-term)</td>
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<td><strong>CHEM 106</strong></td>
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*QuEST requirement

- a Indicates requirement for admission to the TEP
- b Indicates a course that cannot be taken until the student is admitted to the TEP
- c Indicates courses that must be taken concurrently
Biopsychology
8 Semester Plan

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*QuEST requirement

**Students may take BIOL 185, 186, 189 and PSYC 099 in place of BIOL 160, 161, 162 and 260.

*** Students may take CHEM 204 in place of CHEM 309 and 310.

† Needed only if BIOL 185/186/189 taken.
# Environmental Science
## 8 Semester Plan

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*QuEST requirement

Note 1: All Environmental Science majors must take CHEM 204 and CHEM 240. Those students intending to enter graduate school and whose work will involve a significant amount of chemical emphasis should substitute CHEM 309 and 310 for CHEM 204.

Note 2: All Environmental Science majors are encouraged to complete one course at AuSable Institute. AuSable courses can count only as elective credit. Majors are encouraged to do an internship and/or research experience.

+ Offered fall, odd years only.
++ Offered spring, even years only.
## Molecular Biology
### 8 Semester Plan

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*QuEST requirement

**Offered alternating years.
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*QuEST requirement

+ Offered fall, odd years only.

Be very careful on alternating year courses. BIOL 334 and 335 alternate years with each other— one offered each year. ECON 117 is offered in the spring in even years.

This does not include your AuSable Institute options of BIOLAGRIC/GEOG 303- Tropical Agriculture which meets in May term in Costa Rica or BIOLAGRIC/GEOG 343 International Development and Environmental Sustainability which meets in Washington State mid-July through mid-August. Financial Aid deadlines for these courses are 12/15 of the winter before, 2/15 and 3/15 of the course year.