### General Education Requirements

**Worlds of Knowledge (RG 6825)**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Number</th>
<th>Course Title</th>
<th>CR</th>
<th>Satisfied/Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>0110</td>
<td>General Chemistry 1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td>0141</td>
<td>Analytic Geometry 1</td>
<td>3</td>
<td></td>
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<tr>
<td></td>
<td>0142</td>
<td>Analytic Geometry 2</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Follow-Up Courses**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Number</th>
<th>Course Title</th>
<th>CR</th>
<th>Satisfied/Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem</td>
<td>0112</td>
<td>General Chemistry 2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0123</td>
<td>Organic Chemistry 3</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Each student must take 2 courses in each World of Knowledge. The 6 courses taken in the Worlds must represent 6 different Subjects. A student must take two additional "Follow-Up" courses in any World.

- The minimum number of courses taken in the Worlds must be 10.
- The Follow-Up courses may repeat a subject previously taken in a World.
- A student cannot use a major required Subject course in one of the Worlds.
- Free electives are the balance of credits required for graduation (120) that are not used to satisfy competencies, knowledge areas, major requirements, electives, or any related area required by the department.

### Major Requirements (RG 7812)

**Biology Electives (RG 3903)**

Complete one course from each of the following elective areas, and additional biology electives for a total of 17 credits.

*Must include a minimum of 2 laboratory credits and Capstone courses may only satisfy one elective area.*

**Cellular and Molecular Elective**

Select one course from the following courses:

- Biol 0532: Genetics
- Biol 1137: Molecular Genetics (C)
- Biol 1140: Cancer Biology (C)
- Biol 1186: Immunology (C)
- Biol 1236: Developmental Biology
- Biol 1240: Microbiology
- Biol 1280: Special Topics - C & M

**Organismal Elective**

Select one course from the following courses:

- Biol 1122: Human Anatomy
- Biol 1130: Biology of Plants
- Biol 1144: Invertebrate Biology
- Biol 1224: Human Physiology
- Biol 1263: Vertebrate Biology
- Biol 1274: Ornithology
- Biol 1280: Special Topics - Org

**Ecology and Evolution Elective**

Select one course from the following courses:

- Biol 1110: Biodiversity Conservation
- Biol 1162: Plant Diversity & Local Flora
- Biol 1165: Evolution
- Biol 1197: Ecol of Infect Disease (C)
- Biol 1220: Wildlife Management
- Biol 1232: Animal Behavior
- Biol 1280: Special Topics - E & E
- Biol 1520: Aquatic Ecology (C)

**Capstone Experience**

Minimum 1 credit, included as Biol Elective Credit

- Biol 1111: Biodiversity Conservation Lab
- Biol 1137: Molecular Genetics (C)
- Biol 1140: Cancer Biology (C)
- Biol 1145: Invertebrate Biology Lab
- Biol 1161: Internship 1 to 15
- Biol 1166: Immunology (C)
- Biol 1197: Ecol of Infect Disease (C)
- Biol 1200: Independent Study 1 to 6
- Biol 1221: Wildlife Management Lab
- Biol 1225: Human Physiology Lab
- Biol 1233: Animal Behavior Lab
- Biol 1237: Developmental Biology Lab
- Biol 1350: Aquatic Ecology (C)

**Upper Level Interdiscip. Science Elective**

Select one course from the following courses:

Pre-requisite must be fulfilled (* Pre-requisite may be waived)

- Chem 1321: Biochemistry 1
- Geol 1061: Geomorphology 1
- Geol 1106: Hydrogeology
- Geol 1139: Geology of Soils
- Geol 1202: Intro to Inverte Paleontology
- Math 0231: Calculus 2
- Phys 0412: Intro Physics 2 & Lab
- Phys 0512: Physics 2 & Lab
- Psy 2011: Comparative Psych
- Psy 2126: Health Psychology
- Psy 2403: Learning & Lab
- Psy 2500: Physiological Psych
- PSY 2550: Advanced Seminar

**Additional Biology Electives**

Minimum of 2 Labs within required 17 Elective Credits

**Verify**

Biology Lab Requirement

**Updated 10/05/21**

**Major GPA (RG 3747)**

Residency (RG 3748)

**IMPORTANT INFORMATION:**

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.