BIOLOGY CONCENTRATION

The discipline of life science or biology deals with the origin, development, structure, function, classification, and distribution of living organisms as represented by plants, animals, fungi, bacteria, and viruses. Taking coursework in the sub-areas of anatomy, physiology, taxonomy, ecology, and genetics can help develop knowledge in this area that may bridge to K-8 curricula.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 302</td>
<td>Human Genetics</td>
<td>4</td>
</tr>
<tr>
<td>MCRO 221</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Select from the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 114</td>
<td>Plant Diversity and Ecology</td>
<td></td>
</tr>
<tr>
<td>BIO 231</td>
<td>Human Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>BIO 232</td>
<td>Human Anatomy and Physiology II</td>
<td></td>
</tr>
<tr>
<td>BIO 305</td>
<td>Biology of Cancer</td>
<td></td>
</tr>
<tr>
<td>BIO 308</td>
<td>Genetic Engineering Technology (B7)</td>
<td></td>
</tr>
<tr>
<td>BOT 311</td>
<td>Plants, People and Civilization</td>
<td></td>
</tr>
<tr>
<td>BOT 326</td>
<td>Plant Ecology</td>
<td></td>
</tr>
<tr>
<td>BIO 335</td>
<td>General Entomology</td>
<td></td>
</tr>
<tr>
<td>MCRO 342</td>
<td>Public Health Microbiology</td>
<td></td>
</tr>
<tr>
<td>MCRO 421</td>
<td>Food Microbiology</td>
<td></td>
</tr>
<tr>
<td>MSCI 307</td>
<td>World Aquaculture: Applications, Methodologies and Trends (B7)</td>
<td></td>
</tr>
<tr>
<td>MSCI 330</td>
<td>Technologies for Ocean Discovery (B7)</td>
<td></td>
</tr>
<tr>
<td>MSCI 440</td>
<td>Communicating Ocean Sciences to Informal Audiences</td>
<td></td>
</tr>
</tbody>
</table>

Total units: 20

1. Only upper division courses may be used for a Biology minor
2. Satisfies GE requirement.