This sheet applies to the 2011-12 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

### General Studies

<table>
<thead>
<tr>
<th>Component</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major courses</td>
<td>35</td>
</tr>
<tr>
<td>CCA courses</td>
<td>8</td>
</tr>
<tr>
<td>Minor/second major in Chemistry</td>
<td>26</td>
</tr>
<tr>
<td>Electives</td>
<td>10</td>
</tr>
<tr>
<td>Total to graduate (min. 40 hrs upper division)</td>
<td>120</td>
</tr>
</tbody>
</table>

### Major Courses

- **BIO 1080-3** General Biology I
- **BIO 1090-1** General Biology Lab I
- **BIO 1081-3** General Biology II
- **BIO 1091-1** General Biology Lab II
- **BIO 2400-5** General Microbiology
- **BIO 3050-4** Cell and Molecular Biology
- **BIO 3600-4** General Genetics (check catalog for prerequisites)
- **BIO 4510-4** Microbial Ecology (Senior Experience)
- **BIO 268-4** Methods in Cell Biology and Immunology
- **BIO 269-4** Nucleic Acid Techniques and Molecular Cloning

### General Studies Level I

- **ENG1010-3** Freshman Comp: The Essay
- **ENG1020-3** Freshman Comp: Anal., Rsrch & Docum.
- **MTH1110-4** College Algebra or higher level math
- **MTH-3-4**

### General Studies Level II

#### Historical
- **-3**

#### Arts & Letters
- **-3**
- **-3**

#### Social Sciences
- **-3**
- **-3**

#### Natural Sciences
- **CHE1800-4** General Chemistry I
- **CHE1810-4** General Chemistry II
- **CHE1850-2** General Chemistry Lab

### Multicultural Requirement

*(may be satisfied within General Studies, major, minor or electives)*

- **-3**

### Electives

**CHEMISTRY MINOR REQUIRED** or second major in Chemistry.