This sheet applies to the 2010-2011 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.

<table>
<thead>
<tr>
<th>General Studies</th>
<th>41-42</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><strong>Total to graduate (min. 40 hrs upper division)</strong></td>
<td><strong>120</strong></td>
</tr>
</tbody>
</table>

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

### GENERAL STUDIES

**Composition**
- ENG1010-3 Freshman Comp: The Essay
- ENG1020-3 Freshman Comp: Anal., Rsrch & Docum.

**Mathematics**
- MTH1110-4 College Algebra or higher level math
- MTH-3-4

**Communications**
- -3

**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

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### 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)

**Required Community College of Aurora courses:**
- BIO 273-4 Methods in Cell Biology and Immunology
- BIO 274-4 Nucleic Acid Techniques and Molecular Cloning

Select 10 hours of the following in consultation with a faculty advisor:
- BIO 3210-4 Histology
- BIO 3270-4 Parasitology
- BIO 3340-3 Endocrinology
- BIO 3350-4 Immunology
- BIO 4050-4 Advanced Cell and Molecular Biology
- BIO 4440-3 Virology
- BIO 4450-5 Pathogenic Microbiology
- BIO 4470-4 Microbial Genetics
- BIO 3980/4980-2 Internship/Independent Study

**Required Non-Biology courses**

One year of math starting with MTH 1110 or higher (see General Studies)

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