## I. Required Courses (19 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1035</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1036</td>
<td>General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 2535</td>
<td>Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2536</td>
<td>Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 4615</td>
<td>Physical Chemistry for the Life Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

## II. Elective course (3 hours)

Choose one course from this list:
- BCHM 3114* Biochemistry for Biotechnology and the Life Sciences
- BCHM 4115* General Biochemistry
- CHEM/SBIO 4424* Polysaccharide Chemistry
- CHEM 4514* Green Chemistry
- CHEM 4534* Organic Chemistry of Polymers
- CHEM 4554* Drug Chemistry
- CHEM 4616* Physical Chemistry for Life Sciences
- CHEM 4634* Polymer and Surface Chemistry
- CHEM/CSES/ENSC 4734* Environmental Soil Chemistry
- CHEM 4994 Undergraduate Research (3 credits)

## III. Total Credits Required

A minimum of 22 credit hours must be completed. No more than 50% of the courses completed to satisfy the Minor in Chemistry may also be counted among a student’s major or majors.

## IV. Minimum GPA

All courses used to fulfill the minor will count toward the minor GPA, and the student’s overall GPA for these courses must be a 2.0 or higher.

### Notes:

Courses marked with an asterisk (*) have co-requisites and/or prerequisites. Students should check with their advisors or with the Undergraduate Course Catalog regarding co-requisites and prerequisites.

Acceptable substitutions are as follows:

1. CHEM 1055 or CHEM 1055H may be substituted for CHEM 1035.
2. CHEM 1056 or CHEM 1056H may be substituted for CHEM 1036.
3. CHEM 1065 may be substituted for CHEM 1045.
4. CHEM 1066 may be substituted for CHEM 1046.
5. CHEM 3615 may be substituted for CHEM 4615.