### Required General Education Courses:

<table>
<thead>
<tr>
<th>Subject-Catalog Nbr</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 161</td>
<td>Intro College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>and PHYS 162</td>
<td>Intro College Physics II</td>
<td>4</td>
</tr>
<tr>
<td>or PHYS 251/L</td>
<td>Univ Physics I/Lab</td>
<td>4/1</td>
</tr>
<tr>
<td>and PHYS 252/L</td>
<td>Univ Physics II/Lab</td>
<td>4/1</td>
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</tbody>
</table>

### Required Courses:

- CHEM 121 General Chemistry - 5
- CHEM 122 General Chemistry - 5
- CHEM 330 Quantitative Analysis - 4
- CHEM 341 Organic Chemistry - 5

### Electives:

- CHEM 116 Intro to Organic & Biochemistry - 5
- CHEM 331 Quantitative Analysis - 4
- CHEM 342 Organic Chemistry - 5
- CHEM 395 Laboratory Preparation & Mgmt - 1
- CHEM 411 Physical Chemistry - 3
- CHEM 412 Physical Chemistry - 3
- CHEM 421 Physical Chemistry Lab - 1
- CHEM 422 Physical Chemistry Lab - 1
- CHEM x94 Ind Study/Undergrad Research - 1-4

For the Bachelor of Science in Education degree, students must substitute CHEM 490, if not already taken, for a directed elective.

Total Minor Credits Required - 24