# CHEMISTRY MINOR

Students majoring in other fields who desire to obtain a minor in chemistry must complete the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 1220 &amp; CHM 1230</td>
<td>(PS) General Chemistry I and General Chemistry I Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CHM 1240 &amp; CHM 1250</td>
<td>Organic Chemistry I and Organic Chemistry I Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CHM 2220 &amp; CHM 2230</td>
<td>Organic Chemistry II and Organic Chemistry II Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CHM 2280 &amp; CHM 2290</td>
<td>General Chemistry II: Analytical Chemistry and General Chemistry II: Analytical Chemistry Laboratory</td>
<td>5</td>
</tr>
</tbody>
</table>

Select nine additional credits earned at Wayne State University in Chemistry courses numbered 3000 or above, typically satisfied from a combination of the following:\(^1\)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 3000</td>
<td>Metals in Biology</td>
</tr>
<tr>
<td>CHM 3020</td>
<td>Intermediate Inorganic Chemistry I</td>
</tr>
<tr>
<td>CHM 5020</td>
<td>Intermediate Inorganic Chemistry II</td>
</tr>
<tr>
<td>CHM 5160</td>
<td>Instrumental Analytical Chemistry</td>
</tr>
<tr>
<td>CHM 5400</td>
<td>Biological Physical Chemistry</td>
</tr>
<tr>
<td>CHM 5420</td>
<td>Physical Chemistry I</td>
</tr>
<tr>
<td>CHM 5440</td>
<td>Physical Chemistry II</td>
</tr>
<tr>
<td>CHM 5600</td>
<td>Survey of Biochemistry</td>
</tr>
<tr>
<td>CHM 6060</td>
<td>Materials Chemistry and Engineering</td>
</tr>
<tr>
<td>CHM 6070</td>
<td>Advanced Bioinorganic Chemistry</td>
</tr>
<tr>
<td>CHM 6270</td>
<td>Advanced Bioorganic Chemistry and Drug Design</td>
</tr>
<tr>
<td>CHM 6440</td>
<td>Computational Chemistry</td>
</tr>
<tr>
<td>CHM 6620</td>
<td>Metabolism: Pathways and Regulation</td>
</tr>
<tr>
<td>CHM 6635</td>
<td>Tools of Molecular Biology</td>
</tr>
<tr>
<td>CHM 6640</td>
<td>Molecular Biology</td>
</tr>
</tbody>
</table>

**Total Credits:** 29

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\(^1\) Excluding seminar and research courses (CHM 2999, CHM 4850, CHM 5999, etc.).