CHEMISTRY MINOR

Regulations Governing Minor Course Work
a. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
b. Only one course which counts toward your major may be counted toward your minor.
c. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
d. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
e. No course needed for the minor may be taken Pass-Fail.
f. One-half or more of the work required for the minor must be completed at Millersville University.
g. No student may minor in his or her major.

Minor in Chemistry

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111</td>
<td>Introductory Chemistry 1</td>
<td>4</td>
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<tr>
<td>CHEM 112</td>
<td>Introductory Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 265</td>
<td>Quantitative Analysis</td>
<td>4</td>
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<tr>
<td>CHEMISTRY REQUIRED COURSES - Choose 1 of the following:</td>
<td>4-8</td>
<td></td>
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<tr>
<td>CHEM 235</td>
<td>Organic Chemistry</td>
<td></td>
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<tr>
<td></td>
<td>Organic Chemistry I II - See Appendix 1</td>
<td></td>
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<tr>
<td></td>
<td>Physical Chemistry I II - See Appendix 2</td>
<td></td>
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<td>Chemistry Elective (If Needed)</td>
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<td>Total Hours</td>
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Appendix 1. Organic Chemistry I & II

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<td>CHEM 231</td>
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<tr>
<td>CHEM 232</td>
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Appendix 2. Physical Chemistry I & II

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<tr>
<td>CHEM 341</td>
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<td>4</td>
</tr>
<tr>
<td>CHEM 342</td>
<td>Physical Chemistry 2</td>
<td>4</td>
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