CHEMISTRY, BACHELOR OF ARTS

Requirements
A B.A. degree in chemistry requires a minimum of 36 credit hours of approved chemistry courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1180 &amp; CHEM 1184</td>
<td>GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1190 &amp; CHEM 1194</td>
<td>GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LABORATORY</td>
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<tr>
<td>CHEM 2250</td>
<td>ORGANIC CHEMISTRY I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2260</td>
<td>ORGANIC CHEMISTRY II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 2274</td>
<td>ORGANIC CHEMISTRY LABORATORY</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 2400 &amp; CHEM 2404</td>
<td>QUANTITATIVE ANALYSIS and QUANTITATIVE ANALYSIS LAB</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2500</td>
<td>INTRODUCTION TO INORGANIC CHEMISTRY</td>
<td>3</td>
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Select two of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHEM 3350 &amp; CHEM 3354</td>
<td>PHYSICAL CHEMISTRY I and PHYSICAL CHEMISTRY I LABORATORY</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3360 &amp; CHEM 3364</td>
<td>PHYSICAL CHEMISTRY II and PHYSICAL CHEMISTRY II LABORATORY</td>
<td>4</td>
</tr>
<tr>
<td>CHEM/Biol 4650</td>
<td>BIOCHEMISTRY I (with the following lab)</td>
<td>3</td>
</tr>
<tr>
<td>CHEM/Biol 4654</td>
<td>BIOCHEMISTRY I LABORATORY</td>
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Five additional credit hours of chemistry must come from the chemistry courses approved for the B.S. in Chemistry degree.

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>MATH 1950</td>
<td>CALCULUS I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 1960</td>
<td>CALCULUS II</td>
<td>5</td>
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Select one of the following sequence:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2110 &amp; PHYS 1154</td>
<td>GENERAL PHYSICS I - CALCULUS LEVEL and GENERAL PHYSICS LABORATORY I</td>
<td>10</td>
</tr>
<tr>
<td>PHYS 2120 &amp; PHYS 1164</td>
<td>GENERAL PHYSICS-CALCULUS LEVEL and GENERAL PHYSICS LABORATORY II</td>
<td>10</td>
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Group B:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1110 &amp; PHYS 1154</td>
<td>GENERAL PHYSICS I WITH ALGEBRA and GENERAL PHYSICS LABORATORY I</td>
<td>10</td>
</tr>
<tr>
<td>PHYS 1120 &amp; PHYS 1164</td>
<td>GENERAL PHYSICS and GENERAL PHYSICS LABORATORY II</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1970</td>
<td>CALCULUS III</td>
<td>4</td>
</tr>
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For a B.A., the college requires completion of a foreign language through the intermediate level.