BA in Biological Sciences with Biological/Biomedical Emphasis

A major in biological sciences leading to the BA with a biological/biomedical emphasis requires a minimum of 30 credit hours of biological sciences coursework; up to 40 credit hours may be taken for credit.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 210</td>
<td>General Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>General Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 418</td>
<td>General Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 419</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 420</td>
<td>Molecular Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 497</td>
<td>General Ecology</td>
<td>4</td>
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<tr>
<td>or BIOL 499</td>
<td>Biology Colloquium</td>
<td>1-2</td>
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</table>

Select one of the following: 3-5

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 330</td>
<td>General Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 502</td>
<td>Vascular Plants</td>
<td></td>
</tr>
<tr>
<td>BIOL 503</td>
<td>Field Botany</td>
<td></td>
</tr>
<tr>
<td>BIOL 523</td>
<td>Freshwater Invertebrates</td>
<td></td>
</tr>
<tr>
<td>BIOL 524</td>
<td>Vertebrate Zoology</td>
<td></td>
</tr>
<tr>
<td>BIOL 528</td>
<td>Parasitology</td>
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</tr>
</tbody>
</table>

Select additional approved major level biology electives 3-6

Minimum biological sciences credit hours 30

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 211</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 212</td>
<td>General Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 531</td>
<td>Organic Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 532</td>
<td>Organic Chemistry II</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Credit Hours 20

1 See list of excluded courses (http://catalog.wichita.edu/undergraduate/fairmount-liberal-arts-sciences/biological-sciences) (nonmajor courses may not be used to satisfy the requirements for the major).