The Minor in Microbiology is available to any major, but the upper division coursework (credits) applied to the Minor must be distinct from those applied to the Major.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2233 &amp; 2233L</td>
<td>Principles of Microbiology and Principles of Microbiology Lab</td>
<td>4</td>
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<tr>
<td>Any combination of the following courses to total 14 credits</td>
<td></td>
<td>14</td>
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<tr>
<td>BIOL 3358</td>
<td>Genetics</td>
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<tr>
<td>BIOL 4432</td>
<td>Biochemistry</td>
<td></td>
</tr>
<tr>
<td>BIOL 4433 &amp; 4433L</td>
<td>Microbial Physiology and Microbial Physiology Laboratory</td>
<td></td>
</tr>
<tr>
<td>BIOL 4434 &amp; 4434L</td>
<td>Microbial Diversity and Microbial Diversity Lab</td>
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</tr>
<tr>
<td>BIOL 4437/CHEM 4438</td>
<td>Experimental Biochemistry</td>
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<tr>
<td>BIOL 4444 &amp; 4444L</td>
<td>Molecular Biology and Molecular Biology Lab</td>
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<tr>
<td>BIOL 4451 &amp; 4451L</td>
<td>Immunology and Immunology Laboratory</td>
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<tr>
<td>BIOL 4461</td>
<td>Microbial Genetics</td>
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<tr>
<td>BIOL 4475</td>
<td>General Virology</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits** 18

*(BIOL 4482, BIOL 4491/BIOL 4492, and BIOL 4494 may not be used without prior approval of the departmental chair or assistant chair.)*