The biochemistry minor allows students to engage in interdisciplinary study of biochemistry to complement their major plans of study.

**Minor Requirements**

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

The biochemistry minor is not available to majors in biology, cell and molecular biology, biochemistry, or any combined major that involves biochemistry, due to curricular overlap.

**Required Courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 4707</td>
<td>Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3611 and BIOL 3612</td>
<td>Biochemistry and Lab for BIOL 3611</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 5620</td>
<td>Protein Chemistry</td>
<td>3</td>
</tr>
</tbody>
</table>

**Biology Core Course**

Complete one of the following course options (other advanced BIOL courses may be accepted at the discretion of the Biochemistry Director):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2327</td>
<td>Human Parasitology</td>
<td></td>
</tr>
<tr>
<td>BIOL 3405</td>
<td>Neurobiology</td>
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<tr>
<td>BIOL 3421 and BIOL 3422</td>
<td>Microbiology and Lab for BIOL 3421</td>
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<tr>
<td>BIOL 3409</td>
<td>Current Topics in Biology</td>
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<tr>
<td>BIOL 3605</td>
<td>Developmental Neurobiology</td>
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<tr>
<td>BIOL 5306</td>
<td>Biological Clocks</td>
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<tr>
<td>BIOL 5307 and BIOL 5308</td>
<td>Biological Electron Microscopy and Lab for BIOL 5307</td>
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<tr>
<td>BIOL 5541</td>
<td>Endocrinology</td>
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<tr>
<td>BIOL 5543</td>
<td>Stem Cells and Regeneration</td>
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<tr>
<td>BIOL 5549</td>
<td>Inventions in Microbial Biotechnology</td>
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<tr>
<td>BIOL 5573</td>
<td>Medical Microbiology</td>
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</tr>
<tr>
<td>BIOL 5581</td>
<td>Biological Imaging</td>
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<tr>
<td>BIOL 5583</td>
<td>Immunology</td>
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<tr>
<td>BIOL 5591</td>
<td>Advanced Genomics</td>
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<tr>
<td>BIOL 5593</td>
<td>Cell and Molecular Biology of Aging</td>
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</tr>
<tr>
<td>BIOL 5597</td>
<td>Immunotherapies of Cancer and Infectious Disease</td>
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</tbody>
</table>

**Chemistry Core Course**

Complete one of the following course options (other advanced CHEM courses may be accepted at the discretion of the Biochemistry Director):

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3331 and CHEM 3332</td>
<td>Bioanalytical Chemistry and Lab for CHEM 3331</td>
<td>4-5</td>
</tr>
<tr>
<td>CHEM 3431 and CHEM 3432</td>
<td>Physical Chemistry and Lab for CHEM 3431</td>
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</tbody>
</table>

**GPA Requirement**

2.000 GPA required in the minor