MEDICINAL AND BIOPHYSICAL CHEMISTRY, BS

Example Plan of Study

Finish in Four Plan of Study

The plan below is an example of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 2144</td>
<td>Calculus I (A)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1314</td>
<td>Chemistry I (LN)</td>
<td>4</td>
</tr>
<tr>
<td>General Education and College courses</td>
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<td>7</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
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<td>15</td>
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<tr>
<td><strong>Spring</strong></td>
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<td></td>
</tr>
<tr>
<td>BIOL 1113</td>
<td>Introductory Biology (N)</td>
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</tr>
<tr>
<td>&amp; BIOL 1111</td>
<td>and Introductory Biology Laboratory (LN)</td>
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</tr>
<tr>
<td>CHEM 1515</td>
<td>Chemistry II (LN)</td>
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<tr>
<td>MATH 2153</td>
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<td>3</td>
</tr>
<tr>
<td>or STAT 2013</td>
<td>or Elementary Statistics (A)</td>
<td></td>
</tr>
<tr>
<td>or STAT 4013</td>
<td>or Statistical Methods I (A)</td>
<td></td>
</tr>
<tr>
<td>General Education courses</td>
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<td>3</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
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</tr>
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<td><strong>Sophomore</strong></td>
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<tr>
<td>CHEM 3053</td>
<td>Organic Chemistry I</td>
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</tr>
<tr>
<td>BIOL 1604</td>
<td>Animal Biology</td>
<td>4</td>
</tr>
<tr>
<td>or PBIO 1404</td>
<td>or Plant Biology (LN)</td>
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</tr>
<tr>
<td>MICR 2123</td>
<td>Introduction to Microbiology</td>
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<tr>
<td>MICR 2122</td>
<td>Introduction to Microbiology Laboratory</td>
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<td>3</td>
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<tr>
<td><strong>Hours</strong></td>
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<td>15</td>
</tr>
<tr>
<td><strong>Spring</strong></td>
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<tr>
<td>CHEM 3153</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3112</td>
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<td>PHYS 1114</td>
<td>College Physics I (LN)</td>
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<tr>
<td>or PHYS 2114</td>
<td>or University Physics I (LN)</td>
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<td>Principles of Analytical Chemistry</td>
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<td>CHEM 2122</td>
<td>Quantitative Analysis Laboratory</td>
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<td>BIOC 3653</td>
<td>Survey of Biochemistry</td>
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<tr>
<td>or MICR 3223</td>
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<tr>
<td><strong>Spring</strong></td>
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<tr>
<td>CHEM 3363</td>
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<td>or CHEM 3353</td>
<td>or Descriptive Inorganic Chemistry</td>
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<td>CHEM 3413</td>
<td>Physical Chemistry Applications</td>
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<td>General Genetics</td>
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<td><strong>Senior</strong></td>
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<td>CHEM 4313</td>
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<td>or CHEM 4322</td>
<td>or Advanced Organic Chemistry Laboratory</td>
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<td>CHEM 4123</td>
<td>Biomolecular Chemistry and Function</td>
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<td>CHEM 4990</td>
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<td><strong>Total Hours</strong></td>
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<td>120</td>
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</table>

Speak with academic advisor about saving General Education electives and Humanities (H) for Upper-division courses with International (I) and Diversity (D) dimensions.