Sample Schedule: students are not limited to this plan; it is meant to serve as a guide for planning purposes in discussions with your academic advisor. This plan is one possible path to completing this degree in *four years.*

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 145 Intro to Sci. Inquiry</td>
<td></td>
<td>1</td>
<td>F</td>
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<tr>
<td>BIOL 151 General Biology I* and Lab</td>
<td></td>
<td>4</td>
<td>F</td>
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<tr>
<td>CHEM 112 General Chemistry I* and Lab</td>
<td>Math 114, 115, 129, 121, 123, 125 or 281</td>
<td>4</td>
<td>F</td>
</tr>
<tr>
<td>MATH 1XX College Algebra/Trigonometry/Calculus I**</td>
<td>Placement reports determine</td>
<td>3-4</td>
<td>Varies</td>
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<tr>
<td>CSC 105 Intro to Computers</td>
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<td>3</td>
<td>F,S,SU</td>
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**Second Semester**

<table>
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<tr>
<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
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<tbody>
<tr>
<td>BIOL 153 General Biology II* and Lab</td>
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<td>4</td>
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<tr>
<td>ENGL 101 Composition I*</td>
<td></td>
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<td>F,S</td>
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<tr>
<td>CHEM 114 General Chemistry II* and Lab</td>
<td>CHEM 112; Math 114, 115, 129, 121, 123, 125, or 281</td>
<td>4</td>
<td>S</td>
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<tr>
<td>PSYC 101 General Psychology **</td>
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<td>3</td>
<td>F,S</td>
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<tr>
<td>CIS 123 Prob. Solving or CSC 150 Comp. Science I</td>
<td></td>
<td>3</td>
<td>F,S,SU</td>
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**Total Credit Hours 15-16**

**SECOND YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
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<tbody>
<tr>
<td>BIOL 331 Microbiology* and Lab</td>
<td>BIOL 151 and Lab</td>
<td>4</td>
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<tr>
<td>BIOL 280 Inquiry and Analysis in Biology and Lab</td>
<td>BIOL 151 and Lab or BIOL 153 and Lab</td>
<td>2</td>
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<tr>
<td>CHEM 326 Organic Chemistry I*</td>
<td>CHEM 114 and Lab</td>
<td>3</td>
<td>F</td>
</tr>
<tr>
<td>CHEM 326L Organic Chemistry I Lab*</td>
<td></td>
<td>1</td>
<td>F</td>
</tr>
<tr>
<td>Arts and Humanities</td>
<td></td>
<td>3</td>
<td>Varies</td>
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**Total Credit Hours 17**

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
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</thead>
<tbody>
<tr>
<td>BIOL 221 Human Anatomy** and Lab</td>
<td>BIOL 151 and Lab</td>
<td>4</td>
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<tr>
<td>CHEM 328 Organic Chemistry II**</td>
<td>CHEM 326 and Lab</td>
<td>3</td>
<td>S</td>
</tr>
<tr>
<td>CHEM 328L Organic Chemistry II Lab**</td>
<td></td>
<td>1</td>
<td>S</td>
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<tr>
<td>SPCM 101 Oral Communications*</td>
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<td>3</td>
<td>F,S</td>
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<tr>
<td>MATH 281 Introduction to Statistics**</td>
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**Total Credit Hours 16**
### Third Year

#### Fifth Semester

<table>
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<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
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</thead>
<tbody>
<tr>
<td>BIOL 311 Ecology and Lab</td>
<td>BIOL 151 and Lab; or BIOL 153 and Lab</td>
<td>4</td>
<td>F Odd Years</td>
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<tr>
<td>BIOL 325 Physiology* and Lab</td>
<td>BIOL 151 and Lab; or BIOL 153 and Lab; or BIOL 221 and Lab; or CHEM 112 and Lab</td>
<td>4</td>
<td>F</td>
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<tr>
<td>PHYS 211 University Physics I* and Lab</td>
<td>Math 123 or Math 125</td>
<td>4</td>
<td>F</td>
</tr>
<tr>
<td>ENGL 201 Composition II*</td>
<td>ENGL 101</td>
<td>3</td>
<td>F, S, SU</td>
</tr>
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**Total Credit Hours**: 15

#### Sixth Semester

<table>
<thead>
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<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
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</thead>
<tbody>
<tr>
<td>BIOL 371 Genetics and Lab</td>
<td>BIOL 101 and Lab; or BIOL 151 and Lab</td>
<td>4</td>
<td>S Even Years</td>
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<tr>
<td>CHEM 460 Biochemistry* and Lab</td>
<td>CHEM 326 and Lab</td>
<td>3</td>
<td>S Odd Years</td>
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<tr>
<td>BIOL 303 Intro to Biological Instrumentation</td>
<td>BIOL 151 and Lab; and CSC 105</td>
<td>3</td>
<td>S Odd Years</td>
</tr>
<tr>
<td>PHYS 213 University Physics II* and Lab</td>
<td>MATH 123 and PHYS 211 and Lab</td>
<td>4</td>
<td>S</td>
</tr>
<tr>
<td>Arts and Humanities</td>
<td></td>
<td>3</td>
<td>Varies</td>
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</table>

**Total Credit Hours**: 16

### Fourth Year

#### Seventh Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
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<tbody>
<tr>
<td>BIOL 422 Immunology and Lab</td>
<td>BIOL 151 and Lab; and CHEM 112 and Lab</td>
<td>3</td>
<td>F Even Years</td>
</tr>
<tr>
<td>BIOL Elective</td>
<td></td>
<td>4</td>
<td>Varies</td>
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<tr>
<td>Social Science Elective</td>
<td></td>
<td>3</td>
<td>Varies</td>
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<tr>
<td>ECON 201 Principles of Microeconomics*</td>
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<td>3</td>
<td>F, S, SU</td>
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**Total Credit Hours**: 13

#### Eighth Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites / Comments</th>
<th>Credits</th>
<th>Semester Offered</th>
</tr>
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<tbody>
<tr>
<td>BIOL 343 Cell Molecular Biology** and Lab</td>
<td>BIOL 151 and Lab</td>
<td>4</td>
<td>S Odd Years</td>
</tr>
<tr>
<td>BIOL Elective</td>
<td></td>
<td>3</td>
<td>Varies</td>
</tr>
<tr>
<td>BIOL 498 Undergrad. Research</td>
<td>Consent of instructor</td>
<td>2</td>
<td>F, S, SU</td>
</tr>
<tr>
<td>BIOL 335 Bioinformatics</td>
<td>BIOL 151 and Lab</td>
<td>3</td>
<td>S Even Years</td>
</tr>
<tr>
<td>ENGL 379 Tech Communications</td>
<td>ENGL 201</td>
<td>3</td>
<td>S</td>
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</tbody>
</table>

**Total Credit Hours**: 15

* Required for all pharmacy schools

** Required or recommended by many pharmacy schools

Information is subject to change. This is not a contract.

Semester: F = Fall; S = Spring; SU = Summer (online only)