Sample Schedule (subject to course rotations)

* Required for all health professions programs
** Required by Medical, Dental, Veterinary and many other programs’
+ Recommended by most health professions programs

<table>
<thead>
<tr>
<th>First Semester (Fall)</th>
<th>CR</th>
<th>Second Semester (Spring)</th>
<th>CR</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 145-Intro to Sci. Inquiry</td>
<td>1</td>
<td>BIOL 153 General Biology II *</td>
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<tr>
<td>BIOL 151 General Biology I*</td>
<td>4</td>
<td>ENGL 101 Composition I</td>
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<tr>
<td>CHEM 112 General Chemistry I *</td>
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<td>CHEM 114 General Chemistry II*</td>
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<tr>
<td>MATH 102 College Algebra (some programs require)</td>
<td>3</td>
<td>Social Science (Psychology) +</td>
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<tr>
<td>MATH 123 Calculus I*</td>
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<td>CSC 123 Prob. Solving or CSC 150 Comp. Science or CIS 130 Visual Basic</td>
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<td>CSC 105 Intro to Computers</td>
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<th>Third Semester</th>
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<tr>
<td>BIOL 331 Microbiology</td>
<td>4</td>
<td>BIOL 221 Human Anatomy</td>
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<tr>
<td>BIOL 280 Inquiry and Analysis in Biology</td>
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<td>CHEM 328 Organic Chemistry II**</td>
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<tr>
<td>BIOL 281L Inquiry and Analysis in Biology Lab</td>
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<td>CHEM 328L Organic Chemistry II Lab**</td>
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<tr>
<td>CHEM 326 Organic Chemistry I*</td>
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<td>SPCM 101 Oral Communications</td>
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<td>CHEM 326L Organic Chemistry I Lab*</td>
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<td>MATH 281 Statistics*</td>
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<tr>
<td>Arts and Humanities</td>
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<tr>
<td>Social Science (Sociology)+</td>
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<th>Fifth Semester</th>
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<th>Sixth Semester</th>
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<tbody>
<tr>
<td>BIOL 311 Ecology</td>
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<td>BIOL 371 Genetics</td>
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<tr>
<td>BIOL 325 Physiology+</td>
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<td>CHEM 450 Biochemistry+</td>
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<td>PHYS 211 University Physics I*</td>
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<td>SCTC 303 Intro to Biological Instrumentation</td>
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<td>ENGL 201 Composition II</td>
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<td>PHYS 213 University Physics II*</td>
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<th>Eighth Semester</th>
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<tr>
<td>BIOL 422 Immunology</td>
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<td>BIOL 343 Cell Molecular Biology</td>
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<td>BIOL elective</td>
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<td>BIOL 498 Undergrad. Research</td>
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<tr>
<td>Math/EXS/HIM/HLTH/MATH/PHYS elective (4)</td>
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<td>CHEM 332 Analytical Chemistry</td>
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<tr>
<td>Social Science (ex. Abnormal Psychology) +</td>
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<td>CHEM 332L Analytical Chemistry Lab</td>
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<td>SCTC 345 Bioinformatics</td>
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<td>ENGL 379 Tech Communications</td>
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<td><strong>Total Credits</strong></td>
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**Total Credits** **32**