**Program Description**
This program is for students who desire a broad study in the natural science disciplines that include biology, chemistry, physics, and the health sciences. The natural science curriculum is designed to prepare students for careers in a variety of fields in science and industry including the life sciences, education, conservation, and as technicians in laboratory research. The program includes a three semester math component to prepare students for the computation rigors required to be successful in the sciences. The skills acquired by natural science majors contribute greatly to their ability to work in teams and think critically. This program provides the foundation for students who plan to attend a four-year institution and major in a science area.

**Program Outcomes**
At the completion of this program, the student should be able to:
- Think critically using the scientific method and scientific reasoning
- Communicate scientific information (orally and in writing) and work as part of a team to carry out project-based activities
- Use laboratory investigations and appropriate procedures to generate accurate and meaningful quantitative and qualitative data and derive reasonable conclusions from them
- Demonstrate technical, equipment, and measurement skills essential to basic scientific inquiry

**The College Core Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>History/Government Core</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>IDS 167</td>
<td>First Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>MAT 103</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science Core w/Lab</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Social Science/Psychology Core</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Program Requirements**

<table>
<thead>
<tr>
<th>Program Electives</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math Electives*</td>
<td>6-8</td>
</tr>
<tr>
<td>General Electives</td>
<td>9-12</td>
</tr>
</tbody>
</table>

**Minimum credits required for graduation**
60 credits

**Math Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 100</td>
<td>Quantitative Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MAT 113</td>
<td>Precalculus*</td>
<td>3</td>
</tr>
<tr>
<td>MAT 204</td>
<td>Calculus I B*</td>
<td>3</td>
</tr>
<tr>
<td>MAT 205</td>
<td>Linear Algebra*</td>
<td>3</td>
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<tr>
<td>MAT 206</td>
<td>Calculus II B*</td>
<td>3</td>
</tr>
<tr>
<td>MAT 208</td>
<td>Multivariate Calculus B*</td>
<td>4</td>
</tr>
<tr>
<td>MAT 209</td>
<td>Finite Mathematics*</td>
<td>3</td>
</tr>
<tr>
<td>MAT 210</td>
<td>Discrete Mathematics*</td>
<td>4</td>
</tr>
<tr>
<td>MAT 211</td>
<td>Introduction to Mathematical Proofs*</td>
<td>3</td>
</tr>
<tr>
<td>MAT 217</td>
<td>Advanced Statistics*</td>
<td>3</td>
</tr>
<tr>
<td>MAT 225</td>
<td>Differential Equations*</td>
<td>4</td>
</tr>
</tbody>
</table>

**Additional Information**

1. Natural Science Core: Recommended to complete BIO 111.

*Indicates course requires the completion of a prerequisite.