## Mathematics (BS) Four-Year Plan

**Mathematics - Bachelor of Science**

### 2020-21 Four-Year Plan

#### Freshman

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hours</th>
<th>Second Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110C</td>
<td>3</td>
<td>ENGL 211C</td>
<td>3</td>
</tr>
<tr>
<td>(Grade of C or better required)</td>
<td></td>
<td>ENGL 221C or ENGL 231C</td>
<td></td>
</tr>
<tr>
<td>MATH 211</td>
<td>4</td>
<td>MATH 212</td>
<td>4</td>
</tr>
<tr>
<td>Human Behavior (ECON 202S required for the Actuarial Mathematics major)</td>
<td>3</td>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>Information Literacy and Research (CS 121G preferred. IT 150G is acceptable substitute for the Actuarial Mathematics major or the Big Data Analytics major)</td>
<td>3</td>
<td>Impact of Technology (IT 360T suggested for Actuarial Mathematics major)</td>
<td>3</td>
</tr>
<tr>
<td>Elective or Language &amp; Culture I (May be waived; See requirement details)</td>
<td>3</td>
<td>Elective or Language &amp; Culture II (May be waived; See requirement details)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total credit hours:</strong></td>
<td>16</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

#### Sophomore

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hours</th>
<th>Second Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 307</td>
<td>3</td>
<td>MATH 312</td>
<td>4</td>
</tr>
<tr>
<td>CS 150</td>
<td>4</td>
<td>Interpreting the Past</td>
<td>3</td>
</tr>
<tr>
<td>Human Creativity</td>
<td>3</td>
<td>Philosophy and Ethics (PHIL 120P recommended)</td>
<td>3</td>
</tr>
<tr>
<td>Nature of Science I (Course depends on major chosen. See requirement details)*</td>
<td>4</td>
<td>Nature of Science II (Course depends on major chosen. See requirement details)*</td>
<td>4</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total credit hours:</strong></td>
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<td>14</td>
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</tbody>
</table>

#### Junior

<table>
<thead>
<tr>
<th>First Term</th>
<th>Hours</th>
<th>Second Term</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 311W (C or better required)</td>
<td>3</td>
<td>MATH 316</td>
<td>3</td>
</tr>
<tr>
<td>STAT 310 or STAT 431 (Statistics/ Biostatistics and Actuarial Mathematics majors take both)</td>
<td>3</td>
<td>MATH 317</td>
<td>3</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Total credit hours:</strong></td>
<td>15</td>
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<td>15</td>
</tr>
</tbody>
</table>

*This is a suggested curriculum plan to complete this degree program in four years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.

Total credit hours: 120