# Mathematics Minor

## Mathematics Minor Requirements

24 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1210</td>
<td>Calculus I (MA)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1220</td>
<td>Calculus II (MA)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2200</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2210</td>
<td>Multivariable Calculus (MA)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2270</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2280</td>
<td>Ordinary Differential Equations</td>
<td>3</td>
</tr>
</tbody>
</table>

### Mathematics Electives

Complete 3 credits from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3000</td>
<td>History of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3100</td>
<td>Euclidean / Non-Euclidean Geom</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3150</td>
<td>Introduction to Partial Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3200</td>
<td>Introduction to Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3210</td>
<td>Introduction to Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3400</td>
<td>Probability &amp; Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3450</td>
<td>Statistical Inference</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3500</td>
<td>Numerical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3700</td>
<td>Mathematical Modeling I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3900</td>
<td>Number Theory</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4000</td>
<td>Foundations of Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4100</td>
<td>Introduction to Topology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4250</td>
<td>Programming for Scientific Computation</td>
<td>4</td>
</tr>
</tbody>
</table>

### Completion Requirement

- Complete all courses that fulfill requirements in the minor with a grade C or higher.

### Notes:

An academic minor is an attribute of a baccalaureate degree, not an entity by itself, and can only be awarded at the same time a student graduates with a bachelor’s degree. Students must declare a minor prior to submitting a graduation application. A minor may not be added to a previously awarded degree. Students must complete the minor requirements prior to or concurrent with completion of their bachelor’s degree requirements. Minors are not available with associate’s degrees.

Students may not declare a minor that is in the same discipline as their major. Example: English majors cannot declare any English minor.

Integrated Studies majors may not have an academic minor in the same discipline as either of their two declared emphases. Example: An Integrated Studies major with emphases in English and Spanish cannot receive a minor in either English or Spanish.