## MATHEMATICS, MINOR - TEACHING

Teaching (Code 180-407)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 114</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 215</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 324</td>
<td>Linear Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 330</td>
<td>Modern Geometry</td>
<td>4</td>
</tr>
<tr>
<td>MATH 345</td>
<td>Introduction to Probability and Mathematical Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 425</td>
<td>Abstract Algebra I</td>
<td>3</td>
</tr>
</tbody>
</table>

and at least three additional credits chosen from MATH 216 or mathematics courses numbered above 305.

**Technology requirement for licensure, select one of the following:**

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<tbody>
<tr>
<td>MATH 451</td>
<td>Teaching Mathematics with Technology (or equivalent as approved by the Mathematics Department)</td>
</tr>
<tr>
<td>CS 170</td>
<td>Computing for the Sciences and Mathematics ¹</td>
</tr>
</tbody>
</table>

This minor is restricted to students in the College of Education and Human Sciences: Department of Education for Equity and Justice: Option B or C and leads to licensure to teach Mathematics in 4-12 classrooms.

¹ CS 170 does not count toward the 24 credits required for the mathematics minor.

**Program Learning Outcomes**

Students completing this program will be expected to meet the following learning outcomes:

- Apply a broad range of perspectives, including numerical, graphical, algebraic, analytical and verbal, to effectively connect and communicate mathematical ideas.
- Use mathematics to model and solve appropriate problems.
- Read and synthesize mathematical literature.