# Minor in Mathematics

## 2015 - 2016

### MATHEMATICS MINOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Description</th>
<th>CR</th>
<th>Prerequisites &amp; Notes</th>
<th>Grade</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ MATH 1210</td>
<td>Calculus I</td>
<td>5</td>
<td>MATH 1050 AND MATH 1060 (Grade C or higher); OR MATH 1065 (Grade C or higher); OR ACT or equivalent placement score (26 or higher) GE: Mathematics</td>
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<tr>
<td>☐ MATH 1220</td>
<td>Calculus II</td>
<td>4</td>
<td>MATH 1210 (Grade C or higher) GE: Mathematics</td>
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<tr>
<td>☐ MATH 2200</td>
<td>Discrete Mathematics</td>
<td>3</td>
<td>MATH 1210 (Grade C or higher)</td>
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<tr>
<td>☐ MATH 2210</td>
<td>Multivariable Calculus</td>
<td>3</td>
<td>MATH 1220 (Grade C or higher)</td>
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<tr>
<td>☐ MATH 2270</td>
<td>Linear Algebra</td>
<td>3</td>
<td>MATH 1210 (Grade C or higher)</td>
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<tr>
<td>☐ MATH 2280</td>
<td>Ordinary Differential Equation</td>
<td>3</td>
<td>MATH 1220 (Grade C or higher)</td>
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### MATHEMATICS ELECTIVES

Complete 3 credits from the following:

- ☐ MATH 3000 History of Mathematics 3 MATH 1220 (Grade C or higher)
- ☐ MATH 3100 Euclidean / Non-Euclidean Geom 3 MATH 2200 (Grade C or higher)
- ☐ MATH 3200 Introduction to Analysis I 3 MATH 2200 and MATH 2210 (both C or higher)
- ☐ MATH 3210 Introduction to Analysis II 3 MATH 3200
- ☐ MATH 3400 Probability & Statistics 3 MATH 1220 (Grade C or higher)
- ☐ MATH 3500 Numerical Analysis 3 MATH 2270 and MATH 2280
- ☐ MATH 3900 Number Theory 3 MATH 2200
- ☐ MATH 4000 Foundations of Algebra 3 MATH 2200
- ☐ MATH 4100 Introduction to Topology 3 MATH 2200 and MATH 2210

### COMPLETION REQUIREMENTS

☐ 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 do not need to declare a minor prior to submitting a graduation application, but the Minor Worksheet must be included with the student’s 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.