# Mathematics Minor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>M 171Q</td>
<td>Calculus I</td>
<td>4</td>
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<tr>
<td>M 172</td>
<td>Calculus II</td>
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<tr>
<td>M 221</td>
<td>Introduction to Linear Algebra</td>
<td>3</td>
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<tr>
<td>M 273</td>
<td>Multivariable Calculus</td>
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<tr>
<td>M 274</td>
<td>Introduction to Differential Equation</td>
<td>4</td>
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Choose three courses from the following: 9

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>M 333</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>M 348</td>
<td>Techniques of Applied Math I</td>
</tr>
<tr>
<td>M 349</td>
<td>Techniques of Applied Mathematics II</td>
</tr>
<tr>
<td>M 383</td>
<td>Introduction to Analysis I</td>
</tr>
<tr>
<td>M 384</td>
<td>Introduction to Analysis II</td>
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<tr>
<td>M 386R</td>
<td>Software Applications in Mathematics</td>
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<tr>
<td>M 430</td>
<td>Mathematical Biology</td>
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<tr>
<td>M 431</td>
<td>Abstract Algebra I</td>
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<tr>
<td>M 441</td>
<td>Numerical Linear Algebra &amp; Optimization</td>
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<td>M 442</td>
<td>Numerical Solution of Differential Equations</td>
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<td>M 450</td>
<td>Applied Mathematics I</td>
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<td>M 451</td>
<td>Applied Mathematics II</td>
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<tr>
<td>M 454</td>
<td>Introduction of Dynamical Systems I</td>
</tr>
<tr>
<td>M 455</td>
<td>Introduction to Dynamical Systems II</td>
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<td>Introduction to Complex Analysis</td>
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<td>M 476</td>
<td>Introduction to Topology</td>
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<td>STAT 421</td>
<td>Probability Theory</td>
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<tr>
<td>STAT 422</td>
<td>Mathematical Statistics</td>
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**Total Credits** 28