The minor in Mathematics requires 20 semester credit hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Required Courses</td>
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</tr>
<tr>
<td>MATH 2471</td>
<td>Calculus I</td>
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<tr>
<td>MATH 2472</td>
<td>Calculus II</td>
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<td>Choose 12 hours from the following:</td>
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<tr>
<td>MATH 2393</td>
<td>Calculus III</td>
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<tr>
<td>MATH 3305</td>
<td>Introduction to Probability and Statistics</td>
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<tr>
<td>MATH 3323</td>
<td>Differential Equations</td>
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<tr>
<td>MATH 3325</td>
<td>Number Systems</td>
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<tr>
<td>MATH 3330</td>
<td>Introduction to Advanced Mathematics</td>
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<tr>
<td>MATH 3348</td>
<td>Determinisitic Operations Research</td>
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<tr>
<td>MATH 3377</td>
<td>Linear Algebra</td>
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<td>MATH 3380</td>
<td>Analysis I</td>
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<td>MATH 3383</td>
<td>Numerical Analysis I</td>
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<tr>
<td>MATH 3398</td>
<td>Discrete Mathematics II</td>
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<tr>
<td>MATH 4305</td>
<td>Probability and Statistics</td>
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<tr>
<td>MATH 4306</td>
<td>Fourier Series and Boundary Value Problems</td>
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<tr>
<td>MATH 4307</td>
<td>Modern Algebra</td>
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<tr>
<td>MATH 4327</td>
<td>Introduction to Complex Analysis and Its Applications</td>
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<tr>
<td>MATH 4337A</td>
<td>Topological Data Analysis</td>
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<td>MATH 4337B</td>
<td>Research in Discrete Mathematics</td>
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<td>MATH 4337C</td>
<td>Numerical Methods for Ordinary Differential Equations</td>
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<td>MATH 4350</td>
<td>Introduction to Combinatorics</td>
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<td>Numerical Analysis II</td>
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<td>MATH 4393</td>
<td>Introduction to Finite Element Methods</td>
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