The minor in Mathematics requires 20 semester credit hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2471</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2472</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>Choose 12 hours from the following:</td>
<td></td>
<td>12</td>
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**Prescribed Electives**

- MATH 2393  Calculus III
- MATH 3305  Introduction to Probability and Statistics
- MATH 3323  Differential Equations
- MATH 3325  Number Systems
- MATH 3330  Introduction to Advanced Mathematics
- MATH 3348  Deterministic Operations Research
- MATH 3377  Linear Algebra
- MATH 3380  Analysis I
- MATH 3383  Numerical Analysis I
- MATH 3398  Discrete Mathematics II
- MATH 4305  Advanced Probability and Statistics
- MATH 4306  Fourier Series and Boundary Value Problems
- MATH 4307  Modern Algebra
- MATH 4315  Analysis II
- MATH 4327  Introduction to Complex Analysis and Its Applications
- MATH 4330  General Topology
- MATH 4336  Studies in Applied Mathematics
- MATH 4337A Topological Data Analysis
- MATH 4337B Research in Discrete Mathematics
- MATH 4337C Numerical Methods for Ordinary Differential Equations
- MATH 4337D Topics in Topology and Algebra
- MATH 4337E Set Theory
- MATH 4337F Undergraduate Research in Autonomous Systems
- MATH 4350  Introduction to Combinatorics
- MATH 4383  Numerical Analysis II
- MATH 4393  Introduction to Finite Element Methods

Total Hours 20