# ACTUARIAL SCIENCE MINOR

A minimum GPA of 2.0 is required in this minor. No course used to fulfill requirements for this minor may be taken S/U.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 251</td>
<td>*DIFFERENTIAL CALCULUS</td>
<td>4</td>
</tr>
<tr>
<td>MTH 252</td>
<td>INTEGRAL CALCULUS</td>
<td>4</td>
</tr>
<tr>
<td>MTH 253</td>
<td>INFINITE SERIES AND SEQUENCES</td>
<td>4</td>
</tr>
<tr>
<td>or MTH 306</td>
<td>MATRIX AND POWER SERIES METHODS</td>
<td></td>
</tr>
<tr>
<td>MTH 254</td>
<td>VECTOR CALCULUS I</td>
<td>4</td>
</tr>
<tr>
<td>MTH 341</td>
<td>LINEAR ALGEBRA I</td>
<td>3</td>
</tr>
<tr>
<td>MTH 361</td>
<td>INTRODUCTION TO PROBABILITY</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select at least two of the following upper division courses:</td>
<td>6-8</td>
</tr>
<tr>
<td>MTH 351</td>
<td>INTRODUCTION TO NUMERICAL ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>MTH 463</td>
<td>PROBABILITY I</td>
<td></td>
</tr>
<tr>
<td>MTH 464</td>
<td>PROBABILITY II</td>
<td></td>
</tr>
<tr>
<td>MTH 465</td>
<td>PROBABILITY III</td>
<td></td>
</tr>
<tr>
<td>MTH 467</td>
<td>ACTUARIAL MATHEMATICS</td>
<td></td>
</tr>
<tr>
<td>ST 411</td>
<td>METHODS OF DATA ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>ST 412</td>
<td>METHODS OF DATA ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>ST 413</td>
<td>METHODS OF DATA ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>ST 421</td>
<td>INTRODUCTION TO MATHEMATICAL STATISTICS</td>
<td></td>
</tr>
<tr>
<td>ST 422</td>
<td>INTRODUCTION TO MATHEMATICAL STATISTICS</td>
<td></td>
</tr>
<tr>
<td>ST 441</td>
<td>PROBABILITY, COMPUTING, AND SIMULATION IN</td>
<td></td>
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<tr>
<td></td>
<td>STATISTICS</td>
<td></td>
</tr>
<tr>
<td>ST 443</td>
<td>APPLIED STOCHASTIC MODELS</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>28-30</strong></td>
</tr>
</tbody>
</table>

* Baccalaureate Core Course (BCC)

**Restriction:** The Actuarial Science minor must include 28 credits, at least 12 of which must be upper-division credits.

- Except for MTH 306 MATRIX AND POWER SERIES METHODS and MTH 341 LINEAR ALGEBRA I, upper-division courses used to satisfy a student’s major requirements may not also be used to satisfy requirements for the Actuarial Science minor.
- Except for MTH 306 MATRIX AND POWER SERIES METHODS and MTH 341 LINEAR ALGEBRA I, upper-division courses used to satisfy a student’s additional minor program may not also be used to satisfy requirements for the Actuarial Science minor.

**Minor Code:** 563