**MATHEMATICS - SECONDARY MAJOR**

Requirements for a Secondary Major in Mathematics

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thirty-three semester hours including the following:</td>
<td></td>
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<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
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<tr>
<td>MTH 1321</td>
<td>Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MTH 1322</td>
<td>Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MTH 2311</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 2321</td>
<td>Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MTH 3300</td>
<td>Foundations of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 3325</td>
<td>Ordinary Differential Equations</td>
<td>3</td>
</tr>
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<td>Select one of the following:</td>
<td>3</td>
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<tr>
<td>MTH 3312</td>
<td>Foundations of Combinatorics and Algebra</td>
<td></td>
</tr>
<tr>
<td>MTH 3323</td>
<td>Introduction to Analysis</td>
<td></td>
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<tr>
<td>MTH 4314</td>
<td>Abstract Algebra</td>
<td></td>
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<tr>
<td>MTH 4326</td>
<td>Advanced Calculus I</td>
<td></td>
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</tbody>
</table>

Twelve semester hours of 3000-4000 level MTH or STA courses 12

A grade of "C" or better in each course used on the major.

**Total Hours** 33