**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>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>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MTH 3312</td>
<td>Foundations of Combinatorics and Algebra</td>
</tr>
<tr>
<td>MTH 3323</td>
<td>Introduction to Analysis</td>
</tr>
<tr>
<td>MTH 4314</td>
<td>Abstract Algebra</td>
</tr>
<tr>
<td>MTH 4326</td>
<td>Advanced Calculus I</td>
</tr>
</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