<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Hours</th>
<th>Advising Notes</th>
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<tbody>
<tr>
<td>MTH 133</td>
<td>Algebraic Thinking Through Modeling</td>
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<tr>
<td>MTH 141</td>
<td>Calculus I</td>
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<td>MTH 142</td>
<td>Calculus II</td>
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<td>MTH 243</td>
<td>Calculus III</td>
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<td>MTH 206</td>
<td>Mathematical Logic and Proof Methods</td>
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<td>MTH 201</td>
<td>History of Mathematics</td>
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<td>MTH 211</td>
<td>Linear Algebra</td>
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<td>MTH 262</td>
<td>Discrete Mathematics</td>
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<td>MTH 315</td>
<td>College Geometry</td>
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<td>MTH 411</td>
<td>Abstract Algebra</td>
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<td>MTH 235</td>
<td>Probability &amp; Statistics for Scientists &amp; Engineers</td>
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<tr>
<td>OR MTH 406</td>
<td>Mathematical Statistics</td>
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<tr>
<td>Required Courses in Computer Science:</td>
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<tr>
<td>CSC 210</td>
<td>Computer Science I: Programs and Applications</td>
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<td>Choose ONE of the following courses: (This portion is satisfied if the course MTH 405 was selected above)</td>
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<td>MTH 212</td>
<td>Differential Equations</td>
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<tr>
<td>MTH 307</td>
<td>Introduction to Operations Research</td>
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<tr>
<td>MTH 313</td>
<td>Applied Analysis</td>
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<td>MTH 405</td>
<td>Theory of Probability</td>
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<tr>
<td>Choose ONE of the following TWO COURSE PAIRINGS:</td>
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<tr>
<td>MTH 411 &amp; MTH 302</td>
<td>Abstract Algebra &amp; Number Theory</td>
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<td>OR MTH 311 &amp; MTH 313</td>
<td>Advanced Calculus &amp; Applied Analysis</td>
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<td>OR MTH 405 &amp; MTH 406</td>
<td>Theory of Probability &amp; Mathematical Statistics</td>
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<td>Additional Teaching Field Requirements:</td>
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<tr>
<td>EDU 357</td>
<td>Special Methods: Mathematics</td>
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<td>Only offered in Fall semester</td>
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*Transfer students must take a minimum of FOUR Mathematics courses at Baldwin Wallace University*