Thomas Harriot College of Arts and Sciences
B.S. in Mathematics
Mathematics Concentration

Please note that this is a recommended sequence. Check catalog for prerequisites. Course availability may vary from semester to semester.

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1100</td>
<td>Humanities/Fine Arts 3</td>
</tr>
<tr>
<td>KINE 1000</td>
<td>HLTH 1000</td>
</tr>
<tr>
<td>Social Science</td>
<td>MATH 2171</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>Social Science 3</td>
</tr>
<tr>
<td>MATH 1083 or 1085 *</td>
<td>Social Science 3</td>
</tr>
<tr>
<td>3 or 5</td>
<td>3</td>
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<td>13 or 15</td>
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**SOPHOMORE YEAR**

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>ENGL 2201</td>
<td>MATH 2300</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>Social Science 3</td>
</tr>
<tr>
<td>MATH 2172</td>
<td>MATH 2173</td>
</tr>
<tr>
<td>Science with Lab</td>
<td>Science 4</td>
</tr>
<tr>
<td>CSCI 2310, 2311</td>
<td>Minor course 3</td>
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**JUNIOR YEAR**

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
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<tbody>
<tr>
<td>Minor course</td>
<td>MATH 3263 3</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>MATH 4101 3</td>
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<td>MATH 3256</td>
<td>Minor course 3</td>
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<tr>
<td>MATH 3307</td>
<td>Minor course 3</td>
</tr>
<tr>
<td>MATH elective***</td>
<td>Minor course 3</td>
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<tr>
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<td>15</td>
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**SENIOR YEAR**

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<tbody>
<tr>
<td>General Elective</td>
<td>General electives 6 or 8</td>
</tr>
<tr>
<td>MATH 3308</td>
<td>MATH 4331** 3</td>
</tr>
<tr>
<td>Minor credit</td>
<td>Minor credit 3</td>
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<tr>
<td>MATH 4110</td>
<td>MATH elective*** 3</td>
</tr>
<tr>
<td>MATH elective***</td>
<td>15 or 17</td>
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Total hours completed 120

*Precalculus MATH 1083/1085 is not required for the B.S. in Mathematics: start with MATH 2171 if your background meets the approval of the Mathematics Department.

**MATH 4331 may be taken anytime during the last 4 semesters. Those interested in applied mathematics (or engineering) should take MATH 4331 immediately after taking MATH 2173.

***Numbered above 2999, excluding MATH 3229, 3237, 3239 CSCI 2310, 2311 and all MATH courses must be completed with a grade of C- or better.
CSCI 2310, 2311 and all MATH courses must be completed with a grade of C- or better.