# MATHEMATICS (MAT)
## TWO YEAR DEGREE MAP

### FOOTNOTES

1. MAT 206.5 is a combination course of Intermediate Algebra and Trigonometry and Precalculus. MAT 206.5 will satisfy the Mathematical & Quantitative Requirement.
2. CHE 201, PHY 210, or PHY 215 are alternative options. MAT 206.5 is a prerequisite course to CHE 201 and PHY 210. MAT 206.5 is a co-requisite course for BIO 210. MAT 302 is the corequisite course for PHY 215.
3. SPE 102 is an option for non-native speakers of English.
4. Please consult with an academic or faculty advisor.
5. MAT 301 must be passed in order to take MAT 302.
6. CHE 202, PHY 220, PHY 225, or CSC 110 are alternate options.
7. Students are required to complete two semesters of the same Modern Foreign Language in order to graduate, one of which can be satisfied in the World Cultures and Global Issues requirement.
8. Select any Creative Expression Pathways course except SPE 100 or SPE 102.
9. MAT 301 must be passed in order to take MAT 302.
10. A total of 9 credits is required. Choose 3 courses from CSC 210, MAT 200, MAT 209, MAT 300, MAT 310, MAT 320, MAT 501, MAT 505, or MAT 601.
11. MAT 302 must be passed in order to take MAT 303 and MAT 315.
12. A Writing Intensive course is needed to graduate.

### YEAR 1

#### SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 206.5</td>
<td>Intermediate Algebra and Precalculus</td>
<td>4</td>
</tr>
<tr>
<td>ENG 101</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>BIO 210</td>
<td>Biology I</td>
<td>4</td>
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<tr>
<td>SPE 100</td>
<td>Fundamentals of Public Speaking</td>
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<tr>
<td>XXX xxx</td>
<td>U.S. Experience in Its Diversity</td>
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#### SEMESTER 2

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ENG 201</td>
<td>Introduction to Literature</td>
<td>3</td>
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<tr>
<td>MAT 301</td>
<td>Analytic Geometry and Calculus I</td>
<td>4</td>
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<tr>
<td>BIO 220</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>XXX xxx</td>
<td>World Cultures and Global Issues</td>
<td>3</td>
</tr>
<tr>
<td>XXX xxx</td>
<td>Creative Expression</td>
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### YEAR 2

#### SEMESTER 3

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<tbody>
<tr>
<td>MAT 302</td>
<td>Analytic Geometry and Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MAT xxx</td>
<td>Program Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXX xxx</td>
<td>Program Elective</td>
<td>3</td>
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<tr>
<td>XXX xxx</td>
<td>Modern Language Requirement</td>
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#### SEMESTER 4

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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MAT 303</td>
<td>Analytic Geometry and Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>MAT 315</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT xxx</td>
<td>Program Elective</td>
<td>3</td>
</tr>
<tr>
<td>XXX xxx</td>
<td>Individual and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL: 60 CREDITS**