This roadmap is a **suggested** semester-by-semester planning guide for this major. It is a model four-year plan, not a guaranteed sequence or contract. Course availability may vary from semester to semester. Roadmaps are not meant to cover every possibility. They are intended to provide guidance in planning your academic path. **Roadmaps should be reviewed in consultation with your advisor.**

### Key

<table>
<thead>
<tr>
<th><strong>Course Subject and Number:</strong></th>
<th>Lists the course subject and number (ex. MATH 111; ARTH 101).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Credit Hrs:</strong></td>
<td>Lists how many credit hours the course is worth. Courses listed with a range of credit hours depend on course selection.</td>
</tr>
<tr>
<td><strong>Min. Grade:</strong></td>
<td>Lists if the major has a minimum grade requirement for this course.</td>
</tr>
<tr>
<td><strong>Critical:</strong></td>
<td>TIME = Timing. This course must be completed in the semester listed to ensure a timely graduation.</td>
</tr>
<tr>
<td><strong>GenEd</strong></td>
<td>Indicates whether or not this major course can also fulfill a general education requirement.</td>
</tr>
<tr>
<td>HUMS: GenEd Humanities</td>
<td></td>
</tr>
<tr>
<td>FLANG: GenEd Foreign Language</td>
<td></td>
</tr>
<tr>
<td>HIST: GenEd History</td>
<td></td>
</tr>
<tr>
<td>NATSCI: GenEd Natural Science</td>
<td></td>
</tr>
<tr>
<td><strong>Course Notes:</strong></td>
<td>Lists important information about the course or the timing of the course.</td>
</tr>
</tbody>
</table>

### General Education Requirement

**First-Year Writing:** Complete English (ENGL) 110, Introduction to Academic Writing, or one of the approved course credit combinations satisfying the first-year writing general education requirement.

**Math/Logic:** Complete 6 credit hours from the list of approved courses satisfying the math or logic general education requirement.

**Foreign Language:** Complete the 202-level or its equivalent or demonstrate proficiency at that level of an approved course satisfying the foreign language general education requirement.

**Natural Science:** Complete 8 credit hours of an introductory or higher sequence (of which 2 credit hours must be earned in the accompanying laboratories) from the list of approved course sequences satisfying the natural science general education requirement.

**History:** Complete one course in pre-modern history and one course in modern history from the list of approved courses satisfying the history general education requirement (6 credit hours). The two courses do not have to be taken from the same department or in sequence.

**Social Sciences:** Complete 6 credit hours from the list of approved courses satisfying the social science general education requirement.

**Humanities:** Complete 12 credit hours from the list of approved courses satisfying the humanities general education requirement with no more than 6 credit hours with the same acronym.

**General Education Resources:** Approved course listings for each requirement can be found on: [http://registrar.cofc.edu/general-edu/index.php](http://registrar.cofc.edu/general-edu/index.php)

### Degree Requirements

<table>
<thead>
<tr>
<th><strong>Minimum GPA</strong></th>
<th><strong>Minimum Credit Hours</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>Cumulative</td>
</tr>
<tr>
<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

College of Charleston Major Roadmap: Mathematics, B.A. | 2015-16
For additional information on course descriptions, pre-requisites and degree requirements for this major, please consult your [Undergraduate Catalog](#).

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 120</td>
<td>4</td>
<td></td>
<td></td>
<td>MATH</td>
<td></td>
<td>MATH 120 is a prerequisite for MATH 203 and MATH 220</td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Two</th>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 220</td>
<td>4</td>
<td></td>
<td></td>
<td>MATH</td>
<td></td>
<td>MATH 220 is a prerequisite for MATH 221 and MATH 245/246</td>
</tr>
<tr>
<td>MATH 203</td>
<td>3</td>
<td></td>
<td></td>
<td>MATH</td>
<td></td>
<td>MATH 203 is a prerequisite for MATH 295, MATH 245/246, MATH 203, MATH 323, and MATH 411</td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**First Year Notes**

Note 1: The General Education First-Year Writing requirement should be completed within the first or second semester.

Note 2: First-Year Experience Requirement: All entering students with less than one year of college experience are required to complete a [First-Year Experience](#) (First-Year Seminar (FYSM), a Learning Community (LC), or an Honors College First-Year Experience course) within their first three consecutive academic terms.

Note 3: A minimum grade of C- in MATH 111 is necessary for placement into MATH 120.
### Second Year

#### Semester Three

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 221</td>
<td>4</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Semester Four

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 295</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>Math 295 is a prerequisite for MATH 303 and MATH 311</td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Second Year Notes**

Note 1: A minimum grade of C in MATH 221 is necessary to take MATH 315 in a future semester.
<table>
<thead>
<tr>
<th>Semester Five</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Subject and Number</strong></td>
<td><strong>Credit Hrs.</strong></td>
</tr>
<tr>
<td>MATH 311</td>
<td>3</td>
</tr>
<tr>
<td>MATH Elective 300 level or above</td>
<td>3</td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
</tr>
<tr>
<td>General Elective</td>
<td>3-4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Six</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Subject and Number</strong></td>
<td><strong>Credit Hrs.</strong></td>
</tr>
<tr>
<td>MATH 303</td>
<td>3</td>
</tr>
<tr>
<td>MATH 411</td>
<td>3</td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
</tr>
<tr>
<td>General Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>General Elective</td>
<td>3-4</td>
</tr>
</tbody>
</table>

**Third Year Notes**

College of Charleston Major Roadmap: Mathematics, B.A. | 2015-16
## Fourth Year

### Semester Seven

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 403</td>
<td>3</td>
<td></td>
<td>TIME</td>
<td></td>
<td>Students may take either MATH 403 in the fall of semester seven or MATH 411 in the spring.</td>
</tr>
<tr>
<td>MATH Elective 300-400 level</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Semester Eight

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 315</td>
<td>3</td>
<td></td>
<td>TIME</td>
<td></td>
<td>Math 315 is only offered in the spring semester.</td>
</tr>
<tr>
<td>MATH Elective 400 level</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fourth Year Notes

Note 1: A student may choose to complete a 6 credit hour Bachelor’s Essay instead of 6 hours of MATH electives.

Note 2: Don’t forget to apply to graduate in MyCharleston!