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.**

<table>
<thead>
<tr>
<th>KEY</th>
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<tr>
<td><strong>Course Subject and Number:</strong></td>
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<tr>
<td><strong>Credit Hrs:</strong></td>
</tr>
<tr>
<td><strong>Min. Grade:</strong></td>
</tr>
<tr>
<td><strong>Critical:</strong></td>
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<tr>
<td><strong>GenEd</strong></td>
</tr>
<tr>
<td><strong>ENGL:</strong> GenEd First Year Writing</td>
</tr>
<tr>
<td><strong>FLANG:</strong> GenEd Foreign Language</td>
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<tr>
<td><strong>HIST:</strong> GenEd History</td>
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<td><strong>Course Notes:</strong></td>
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**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)

<table>
<thead>
<tr>
<th>Minimum GPA</th>
<th>Cumulative</th>
<th>Minimum Credit Hours</th>
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<tr>
<td>Major</td>
<td>2.00</td>
<td>122 credit hours</td>
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<td>2.00</td>
<td>Additional hours are required for earning more than one degree. Consult your academic catalog</td>
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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>
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<td>MATH XXX</td>
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<td>MATH</td>
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<td>CHEM 112L</td>
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<td>MATH XXX</td>
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<td>3-4</td>
<td></td>
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<td>Optional</td>
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</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: BIOL 111/111L and BIOL 112/112L are offered both Fall and Spring semesters. If you are unable to enroll in BIOL 111/111L in Fall semester, you can enroll in this course in Spring semester, and subsequently take BIOL 112 either in Summer or Fall semester.
## Second Year

### Semester Three

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
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<td>CHEM 221</td>
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<td>MATH 120</td>
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<td>If not taken during first year</td>
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<td>BIOL 211 &amp; Discussion</td>
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<td>General Education Requirement</td>
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### Semester Four

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<td>GEOL 1XX</td>
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<td>BIOL 305</td>
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<td>BIOL 305L not needed for this degree</td>
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<tr>
<td>MATH 250</td>
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<td>TIME</td>
<td></td>
<td></td>
<td>If not taken during first 3 terms; Math 250 is a co- or prerequisite for all 300-level and higher BIOL courses</td>
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<td>General Education Requirement</td>
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</table>

### Second Year Notes

Note 1: MATH 250 should be completed by the end of the second year to avoid problems with registering for 300+ BIOL courses in the third year.

Note 2: Several upper-division BIOL courses require a year of CHEM coursework as a prerequisite.

Note 3: If you are considering independent studies/research in your Junior or Senior years, you should have conversations with potential faculty mentors this year.

Note 4: Students may choose to take CHEM 231/231L and CHEM 232/232L in place of CHEM 221. This moves GEOL XXX to 3rd year.
## Third Year

### Semester Five

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
<th>Credit Hrs.</th>
<th>Min. Grade</th>
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<th>GenEd</th>
<th>Course Notes</th>
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<tr>
<td>BIOL 341, 342 or 335</td>
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<td>Required for major</td>
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<td>BIOL 300+ Elective</td>
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<tr>
<td>PHYS 101 or 111</td>
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<td>General Education Requirement</td>
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### Semester Six

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<tr>
<td>BIOL 337</td>
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<td>PHYS 102 or 112</td>
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</table>

### Third Year Notes

Note 1: Students must take at least 4 BIOL laboratory courses at the 300+ level for the BS Marine Biology degree, as well as 19 credit hours of BIOL 300+ coursework (in addition to BIOL 305).
### Fourth Year

#### Semester Seven

<table>
<thead>
<tr>
<th>Course Subject and Number</th>
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#### Semester Eight

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<tbody>
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<tr>
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<tr>
<td>General Elective</td>
<td>3-4</td>
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<td>General Elective</td>
<td>3-4</td>
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#### Fourth Year Notes

Note 1: Don’t forget to apply for graduation in MyCharleston!