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>Course Subject and Number</th>
<th>Lists the course subject and number (ex. MATH 111; ARTH 101).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Hrs:</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>Min. Grade:</td>
<td>Lists if the major has a minimum grade requirement for this course.</td>
</tr>
<tr>
<td>Critical:</td>
<td>TIME = Timing. This course must be completed in the semester listed to ensure a timely graduation.</td>
</tr>
<tr>
<td>GenEd</td>
<td>Indicates whether or not this major course can also fulfill a general education requirement.</td>
</tr>
<tr>
<td>WRIT: GenEd First Year Writing</td>
<td>HUMS: GenEd Humanities</td>
</tr>
<tr>
<td>FLANG: GenEd Foreign Language</td>
<td>MATH: GenEd Math</td>
</tr>
<tr>
<td>HIST: GenEd History</td>
<td>NATSCI: GenEd Natural Science</td>
</tr>
<tr>
<td>Course Notes:</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.

**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.

**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.

**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.

**Math/Logic:** Completion of MATH 120 or HONS 115 or transfer credit for any one of MATH 220, MATH 221, MATH 323 (any of which requires the comprehension of the content of MATH 120/HONS 115); or 6 credit hours from the remaining list of approved courses satisfying the math/logic 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.

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

**General Education Resources:** Approved course listings for each requirement can be found in the Undergraduate Catalog (http://catalog.cofc.edu/).

### Degree Requirements

<table>
<thead>
<tr>
<th>Minimum GPA</th>
<th>Minimum Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major</td>
<td>Cumulative</td>
</tr>
<tr>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td></td>
<td>122 credit hours</td>
</tr>
</tbody>
</table>

Additional hours are required for earning more than one degree. Consult your academic catalog.
For additional information on course descriptions, pre-requisites and degree requirements for this major, please consult your [Undergraduate Catalog](#).

<table>
<thead>
<tr>
<th>First Year Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note 1: The General Education First-Year Writing requirement should be completed within the first or second semester.</td>
</tr>
<tr>
<td>Note 2: First-Year Experience Requirement: All entering students with less than one year of college experience are required to complete a <a href="#">First-Year Experience</a> (First-Year Seminar (FYSM), a Learning Community (LC), or an Honors College First-Year Experience course) within their first three consecutive academic terms.</td>
</tr>
<tr>
<td>Note 3: CSCI 221 and CSCI 230 are typically offered in the summer. Other CS courses are occasionally offered.</td>
</tr>
<tr>
<td>Note 4: Try to leave the TR 12:15 class period free throughout your CS career. Student computing meetings (ACM and WiC) are held at this time.</td>
</tr>
<tr>
<td>Note 5: All students majoring in a degree offered by the Computer Science Department must be advised every semester by their faculty advisor from CS.</td>
</tr>
<tr>
<td>Note 6: CITA has four Concentration areas: Studio Arts, Music, Digital Media, Theatre, and Game Design and Interaction.</td>
</tr>
</tbody>
</table>
### 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>CSCI 220</td>
<td>3</td>
<td>TIME</td>
<td></td>
<td></td>
<td>Pre-req for CITA 280 and CSCI 221 (grade C- or better).</td>
</tr>
<tr>
<td>CSCI 220L</td>
<td>1</td>
<td>TIME</td>
<td></td>
<td></td>
<td>Co-req for CSCI 220.</td>
</tr>
<tr>
<td>Concentration 3</td>
<td>3</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>MATH 207</td>
<td>3</td>
<td>TIME</td>
<td></td>
<td></td>
<td>Co-req or pre-req for CSCI 221.</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>CITA 280</td>
<td>3</td>
<td>TIME</td>
<td></td>
<td></td>
<td>Pre-req for CITA 395.</td>
</tr>
<tr>
<td>CSCI 221</td>
<td>3</td>
<td>TIME</td>
<td></td>
<td></td>
<td>Pre-req for CITA 395 (grade C- or better).</td>
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<tr>
<td>Concentration 4</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>General Education Requirement</td>
<td>3-4</td>
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<tr>
<td>General Education Requirement</td>
<td>3-4</td>
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<td></td>
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</tr>
</tbody>
</table>

#### Second Year Notes

Note 1: Consider an internship for the summer following your second year.

Note 2: Summer research experiences are a great opportunity. Talk with your advisor. Visit nsf.gov to search for Research Experiences for Undergraduates (reu) off campus.
### Third Year

#### Semester Five

<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>
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</thead>
<tbody>
<tr>
<td>CSCI 230</td>
<td>3</td>
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<td>TIME</td>
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<td>Pre-req for CITA 495. (C- grade or better)</td>
</tr>
<tr>
<td>CSCI 380</td>
<td>3</td>
<td></td>
<td>TIME</td>
<td></td>
<td>Pre-req for CITA 495. (C- grade or better)</td>
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<tr>
<td>Concentration 5</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
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<td>General Education Requirement</td>
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#### Semester Six

<table>
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<th>Min. Grade</th>
<th>Critical</th>
<th>GenEd</th>
<th>Course Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>Choose from approved list.</td>
</tr>
<tr>
<td>Concentration 6</td>
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<td></td>
<td></td>
<td></td>
</tr>
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<td>General Education Requirement</td>
<td>3-4</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>General Education Requirement</td>
<td>3-4</td>
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<td></td>
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</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td></td>
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</tbody>
</table>

#### Third Year Notes

Note 1: Consider doing an internship during or following your junior year.

Note 2: Consider study abroad opportunities for the spring or summer of your junior 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>
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<tr>
<td>CITA 395</td>
<td>3</td>
<td></td>
<td>TIME</td>
<td></td>
<td>Requires C- or better in CSCI 280, CSCI 221, and 9 hours in concentration</td>
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<tr>
<td>CSCI 392</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>Requires C- or better in CSCI 221</td>
</tr>
<tr>
<td>General Education Requirement</td>
<td>3-4</td>
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<td></td>
<td></td>
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<tr>
<td>General Education Requirement</td>
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<td>General Elective</td>
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### Semester Eight

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<th>Min. Grade</th>
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<th>GenEd</th>
<th>Course Notes</th>
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<tbody>
<tr>
<td>CITA 495</td>
<td>3</td>
<td></td>
<td>TIME</td>
<td></td>
<td>Requires C- or better in CSCI 230, CSCI 380, and CITA 395</td>
</tr>
<tr>
<td>General Education Requirement</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective</td>
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<td>General Elective</td>
<td>3-4</td>
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</tbody>
</table>

### Fourth Year Notes

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