This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2017 or after plan their academic career and ensure that they complete all requirements for graduation in a timely fashion. All other students should consult their academic and department advisors to chart their own 4-year academic plans. Students should note that course prerequisite/s and corequisite/s are strictly enforced, and they should regularly meet with their department advisors to identify their specific major/minor requirements and entrance and maintenance criteria (if applicable) for successful completion of their degree.
# Environmental Science BA

## FOUR-YEAR ACADEMIC PLAN

### Freshman

#### FALL
- English Composition I (EC1) 3 credits
- World Cultures & Global Issues (WCGI) 3 credits
- US Experience in Its Diversity (USED) 3 credits
- College Option Language (LANG) 4 credits
- Creative Expression (CE) 3 credits

**Fall total credits** 16 credits

#### SPRING
- English Composition II (EC2) 3 credits
- Individual & Society (IS) 3 credits
- GEOL 101 (LPS) 4 credits
- Physical Geology
- ENSCI 100 (SW) 4 credits
- Our Planet in 21st Century
- Second major, minor, or general electives*** 3 credits

**Spring total credits** 17 credits

### Sophomore

#### FALL
- Math 151 (MQR) 4 credits
- Calculus I
- CHEM 1134 + 1131 (SCI) 5 credits
- General Chemistry I with Lab
- College Option Literature (LIT + W)* 3 credits
- Second major, minor, or general electives 3 credits

**Fall total credits** 15 credits

#### SPRING
- ENSCI 200
- Earth Systems Science
- PHYS 1214 + 1211 (SW) 5 credits
- BIOL 105 (SCI) 4 credits
- General Biology I
- Second major, minor, or general electives 3 credits

**Spring total credits** 15 credits

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*Note: *LIT + W* indicates that the course includes a writing component.

**Credit Requirement:**
- 120 credits total
- 40 credits in major electives (excluding general electives)
- 30 credits in core courses
- 30 credits in自由 electives

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***Note:** All courses marked with an asterisk (*) require a lab component.
## Environmental Science BA

### FOUR-YEAR ACADEMIC PLAN

### Junior

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSCI 203 (or other Core Course major elective*)</td>
<td>GEOL 356 (or other Advanced Course major elective** or GEOL 347 Principles of Hydrology)</td>
</tr>
<tr>
<td>Environ. Microbio.</td>
<td>Advanced Oceanography</td>
</tr>
<tr>
<td>Second major, minor, or general electives</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Fall total credits</strong></td>
<td><strong>Spring total credits</strong></td>
</tr>
<tr>
<td>15 credits</td>
<td>15 credits</td>
</tr>
</tbody>
</table>

### Senior

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSCI 373W (W) Environmental Problem Solving</td>
<td>SPRING</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Second major, minor, or general electives</td>
<td>12 credits</td>
</tr>
<tr>
<td><strong>Fall total credits</strong></td>
<td><strong>Spring total credits</strong></td>
</tr>
<tr>
<td>15 credits</td>
<td>12 credits</td>
</tr>
</tbody>
</table>

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*Environmental Science electives: Core Course electives: GEOL 208 Surficial Processes; GEOL 216 Oceans and Atmosphere; ENSCI 203 Environmental Microbiology Advances Course electives: GEOL 318 Soils in the Environment; GEOL 342 Introduction to Meteorology; GEOL 347 Principles of Hydrology; GEOL 349 Environmental Geology; GEOL 356 Advanced Oceanography; GEOL 370 Biogeochemistry; GEOL 363 GIS in the Geosciences; GEOL 377 Biosphere-Atmosphere Interactions; BIOL 340 General Ecology; ENSCI or GEOL 383 Special topics in Environmental Science/Geosciences; ENSCI 397 Internship in Environmental Science.

**General Electives: Students may complete general electives by taking courses in (most) department/s or programs they choose; however, depending on the course/program, students may need department permission and/or prerequisite course/s. Electives may be used to supplement the chosen major (an English major may want to take a course in French or Italian literature) or to fulfill interest in a different area (a Music major may be interested in the physics of sound). Students are encouraged to use available electives to complete a dual major, minor, pre-requisites for graduate or professional school, or complete and internship, experiential learning and/or study abroad. Students are encouraged to use their available general electives wisely and focus on coursework that will assist them personally, academically and professionally.